

administration report

for the year 1972-73

**TECHNICAL EDUCATION
DEPARTMENT**

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The Government of Kerala
1975



HIGHER EDUCATION (G) DEPARTMENT

G.O. MS. No. 72/75/H. Edn., dated, Trivandrum, 5th May 1975

Abstract:—Administration Report of the Technical Education, Department for the year 1972-73—Reviewed—Orders issued.

Read:—Letters No. G6. 20612/74/DTE., dated 5th October 1974 and G5. 5808/75/DTE., dated 17th March 1975 from the Director of Technical Education.

ORDER

1. Recorded.
2. Dr. C. P. Kuriakose continued as Director of Technical Education during the year under review. A post of Joint Director of Technical Education was created for placement cell. Sri V. Kurian Thomas, Deputy Director of Technical Education was provisionally promoted and posted as Joint Director of Technical Education with effect from 12th October 1972.
3. Two Engineering Colleges, 7 Polytechnics, 3 Women's Polytechnics, one Institute of Printing Technology, 21 Junior Technical Schools, 2 P. V. Training Centres, 3 Arts Schools, 2 Commercial Institutions, 2 Industrial Schools, 11 Tailoring and Garment Making Training Centres, 7 Tailoring Training Centres, 2 Book Binding Centres, one Composing and Printing Centre and one Rattan Centre functioned under the Department. In addition to the above Government institutions, 3 Engineering Colleges and 7 Polytechnics in the Private sector also functioned under the private management over which the Department exercised control in respect of academic and financial matters. The Department had control over the administration and management of the Regional Engineering College at Calicut and the Food Craft Institute at Kalamassery though they are functioning as Registered Societies.
4. The Department functioned smoothly during the year under report. Direct payment system in the Private Engineering Colleges and Polytechnics was introduced with effect from 1st September 1972. Sree Rama Polytechnic, Valapad, a private institution was formally taken over by Government with effect from 1st July 1972.

5. The State Board of Technical Education as the co-ordinating agency of Technical Education and Industry continued to function as usual. The Board consisted of 30 members with the Minister (Education) as Chairman and the Director of Technical Education as the Ex officio Secretary. The Board of Studies in Engineering and Technology advised the State Board of Technical Education in academic matters at and below the diploma level.

6. The academic control in respect of Engineering Colleges rested with the University and that of all the remaining institutions at and below the diploma level rested with the State Board of Technical Education. The Degree Examinations were conducted by the University. All the other examinations for awarding diploma or certificates were conducted by the Examination Wing attached to the Department of Public Instruction on behalf of the Department of Technical Education.

7. Admissions to Engineering Colleges and Polytechnics etc, were made strictly on the basis of marks secured by the candidates for the qualifying examination as the case may be subject to the principles of reservation laid down by Government for the socially and educationally Backward Classes and the Scheduled Castes and Scheduled tribes.

8. The Engineering Colleges at Trivandrum and Trichur presented 281 students for the final year examination and 139 students came out successful. For diploma engineering and technology 586 students from the 7 Polytechnics were presented for the final year examination and 277 students came out successful. From the three Women's Polytechnics 225 students appeared for the final year examination and 105 students came out successful. 28 students appeared for the final year examination in the Institute of Printing Technology, Shoranur of which 17 students passed. Of the 706 students presented for the final year examination of the Junior Technical Schools, 195 students came out successful. For the other various certificate examinations in the School of Arts, Trivandrum, R. V. School of Painting, Mavelikkara, the Government Commercial Institute, Ernakulam, Diploma Course in Typewriting and Shorthand, Trivandrum, 96 students appeared, of which 47 students came out successful. In the P. V. Training Centre, Attingal, 27 students were presented for the final examination of which 8 students passed. In the P. V. Training Centre, Manjeri, of the 26 students appeared for the final examination, 22 came out successful.

9. In the two Engineering Colleges at Trivandrum and Trichur 161 students received scholarships amounting to Rs. 1,56,801.75. In addition to the above scholarships, 345 students received stipend from the Harijan Welfare Department amounting to Rs. 3,53,786.42.

10. In the three private Engineering Colleges 38 students were granted scholarships and an amount of Rs. 36,108 was paid on this account. In addition to the above an amount of Rs. 2,59,800·93 was paid as stipend to 317 students from the Harijan Welfare Department.

11. In the 7 Government Polytechnics, 6 students were granted scholarships amounting to Rs. 4,100. In addition to the above scholarships, 1192 students were paid stipend from the Harijan Welfare Department amounting to Rs. 4,45,072·43.

In the Institute of Printing Technology, Shoranur 45 students were paid stipend amounting to Rs. 10,553·22 from the Harijan Welfare Department

12. In the private Polytechnics 3 students were paid scholarships amounting to Rs. 3,186·65.

In addition to this, 790 students were paid stipend from the Harijan Welfare Department and an amount of Rs. 3,84,907·19 was spent on this account.

13. In the three Women's Polytechnics 47 students were paid scholarships amounting to Rs. 14,171·75.

In addition to the above, 277 students were paid stipend amounting to Rs. 1,04,166·94 from the Harijan Welfare Department.

Two hundred and twenty-seven students from the 21 Junior Technical Schools were paid scholarships amounting to Rs. 39,962·97.

In addition, 266 students of the Junior Technical Schools were also paid stipend from the Harijan Welfare Department and an amount of Rs. 1,09,128·23 was spent on this account.

14. In the two Arts Schools viz. the School of Arts, Trivandrum and R. V. School of Painting, Mavelikkara, 40 students were paid scholarships amounting to Rs. 5,567.

In addition to the above, 48 students were given stipend amounting to Rs. 22,288·65.

All the 92 students in the P. V. Training Centre, Attingal were provided with mid-day meals, scholarships amounting to Rs. 3,505·25, were paid to them. In addition to the above, 24 students were paid stipend amounting to Rs. 5,308·55 from the Harijan Welfare Department.

An amount of Rs. 40,237·10 was incurred for the Pre-Vocational Training Centre, Manjeri during this year.

One hundred and thirty-two students from 2 Industrial Schools and 11 Tailoring and Garment-making Training Centres were paid stipend amounting to Rs. 61,883.25 from the Harijan Welfare Department

15. The sanctioned annual intake and the total strength of the various institutions are given below:

<i>Name of Institution</i>	<i>No of Institutions</i>	<i>Sanctioned annual intake</i>	<i>Total strength</i>
1. Government Engineering Colleges	2	413	1308
2. Private Engineering Colleges	3	336	938
3. Government Polytechnics	7	1392	2423
4. Private Polytechnics	7	85	1842
5. I.P.T., Shoranur	1	30	86
6. Women's Polytechnics	3	290	688
7. J. T. Schools	21	1230	3126
8. Arts Schools	3	165	303
9. Commercial Institutes	2	450	142
10. P.V.T. Centres	2	75	204
11. Industrial Schools	2	40	84
12. Tailoring and Garment-making Training Centres	11	360	390
13. Tailoring Trade Centres	2	40	37

Besides the above institutions, the Department had control over the following Institutions also—

Private Grant-in-aid schools.—There were 102 grant-in-aid schools during the year under report. They were preparing students for the Kerala Government Technical Examinations in various trades. Admission to these institutions were made from both male and female

candidates within the age group of 14-25 and who have passed III Form or equivalent. These institutions are paid grant subject to their satisfying the conditions laid down in the Grant-in-aid Code.

Private Commercial and Engineering Institutions.—The private Commercial and Engineering Institutions under the control of the Department were being inspected by the Departmental staff and recognition awarded. Syllabi for the various courses were prescribed and examination conducted by the Department. Admission of candidates was done by the private agencies, themselves. During the year under report there were altogether 904 recognised commercial institutions and 48 recognised engineering institutions.

16. During the year under review an amount of Rs. 46,93,629.44 was paid by way of grant-in-aid to private Engineering Colleges and Polytechnics and an amount of Rs. 1,19,855 was also incurred by way of grant-in-aid to private Industrial Schools. The total receipt and expenditure of the Department during the year under report was Rs. 10,76,282.23 and Rs. 1,02,86,329.91 respectively.

(By order of the Governor)
P. K. UMASHANKAR,
Special Secretary to Government.

ADMINISTRATION REPORT OF THE DEPARTMENT OF TECHNICAL EDUCATION FOR THE YEAR 1972-73

1. INTRODUCTION

The Department of Technical Education came into existence on 4th September 1957, for co-ordinating Technical Education in matters of examination, syllabi, standard etc. All the Technical Institutions, except the Engineering Colleges under the control of the University, were brought under the administrative control of the Department. Afterwards, the Engineering Colleges, which were then under the direct control of Government from the University, were also brought under the Administrative control of the Technical Education Department with effect from 1st December 1958. During the subsequent years several new institutions were started under the Department. At present the Department has under its direct control, two Government Engineering Colleges, 7 Government Polytechnics, 3 Women's Polytechnics, 1 Government Institute of Printing Technology, 21 Junior Technical Schools, 3 Arts Schools, 1 Commercial Institute, 2 Industrial Schools, 11 Tailoring and Garment-making Training Centres, 7 Tailoring Training Centres, 2 Book Binding Centres, 1 Composing and Printing Centre and 1 Rattan Centre. In addition to the above Institutions, there are 3 Engineering Colleges and 7 Polytechnics under the private management over which the Department exercises control in respect of academic and financial matters. These institutions under the private management are governed by the Grant-in-aid Code. The Regional Engineering College, Calicut which was established during 1961 is now functioning under a registered society and is governed by a Board of Directors of which the Director of Technical Education is the Chairman. An institution imparting education and training in cooking, baking and catering, known as the Food Craft Institute is also functioning at Kalamassery as a registered society. The Director of Technical Education is the convener of the Board of Governors.

The State Board of Technical Education and the Board of Studies were also functioning during the year under review.

Activities of the Department

1. The department mainly concentrated its activities on imparting Technical Education through its various technical institutions, under Government as well as private management. These institutions are mainly engaged in coaching the students for various courses of studies.

2. The selection and allotment of students to the various Technical Institutions conducting Degree and Diploma Courses of study both under Government and Private Managements, was done by the Department.

3. The annual as well as Five Year Plan Schemes were formulated and implemented by the Department.

4. The disbursement of grants to Private Engineering Colleges and Polytechnics was done by the Department, after assessing eligibility for the same.

5. The Department was granting various kinds of scholarships to the students undergoing Technical Education.

6. The Private Commercial and Engineering Institutions were controlled by the Department by way of granting recognition after conducting Inspection.

Control of the academic matters of the institutions

The academic control in respect of Engineering Colleges rested with the University and that of all the remaining institutions at and below the Diploma level rested with the State Board of Technical Education. The Degree Examinations were conducted by the University and for awarding Diploma or Certificate Examinations were conducted by the Examination Wing attached to the Department of Public Instruction on behalf of the Director of Technical Education.

II. DIRECTION

Dr. C. P. Kulkose continued as Director of Technical Education. Sri V. Kurian Thomas, Deputy Director of Technical Education has been provisionally promoted and posted as Joint Director of Technical Education with effect from 12th October 1972. He looked after direct payment matters to the Private Engineering Colleges and Polytechnics. Sri K. G. Menon, Deputy Director of Technical Education, looked after academic, purchase and other matters of administration of the Department. Sri M. Kunjukunju continued to be the Administrative Officer of the Department during the year under report and Sri K. E. Nathan was the Accounts Officer.

III. ADVISORY BOARDS

State Board of Technical Education

The main functions of the State Board of Technical Education are to co-ordinate the Technical Education at the State level and to advise the Government and the Department in matters connected with the Technical Education. The affiliation of new institutions and

courses of studies, fall within the purview of the Board. It is the highest body in the State, in regard to the Technical Education. The Board consisted of the following members :—

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|--|------------------------|
| 1. Sri C. H. Mohammed Koya,
Minister for Education and
Home, Government of Kerala,
Trivandrum | Chairman |
| 2. Smt. Padma Ramachandran,
Secretary to Government,
Government of Kerala | Member |
| 3. Sri P. K. Umashanker,
Secretary to Government,
Education Department,
Government of Kerala | do. |
| 4. Sri T. Madhava Menon,
Secretary to Government,
Industries Department,
Government of Kerala | do. |
| 5. Sri P. Velayudhan Nair,
Secretary to Government of Kerala,
Finance Department | do. |
| 6. Sri T. G. Mularleedharan,
Director of Industries and
Commerce, Trivandrum | do. |
| 7. Sri K. Srinivasan,
Director of Training and
Employment, Trivandrum | do. |
| 8. Sri K. Madhava Menon,
Director of Collegiate
Education, Trivandrum | do. |
| 9. Sri A. K. Narayanan Nambiar,
Director of Public
Instruction, Trivandrum | do. |
| 10. Sri T. P. Joseph,
Chief Engineer,
General Buildings and
Roads, Trivandrum | do. |
| 11. Dr. S. Vasudev,
Principal, College of
Engineering, Trivandrum | Expert
(Civil) |
| 12. Sri P. S. Subramoniam,
Principal, College of
Engineering, Trichur | Expert
(Mechanical) |

- | | | | |
|-----|---|----|-------------------------------------|
| 13. | Dr S. Narayana Iyer,
Professor in Electrical
Engineering, College of
Engineering, Trivandrum | .. | Expert
(Electrical) |
| 14. | Sri K. C. Chacko,
Pro-Vice Chancellor,
Cochin University | .. | Member |
| 15. | Sri J. C. Alexander,
Retired Chief Town Planner
and Consulting Architect,
Pandit Colony, Kowdiar | .. | Expert
(Architecture) |
| 16. | Sri K. Venkitaraman,
Professor of Tele-communication,
College of Engineering,
Trivandrum | .. | Expert
(Tele-Com-
munication) |
| 17. | Dr. M. V. Raghavacharya,
Professor in Chemical Engg.,
Engineering College,
Trichur | .. | Expert
(Chemical) |
| 18. | Sri K. M. Mathew,
Principal,
Central Polytechnic,
Trivandrum | .. | Expert
(Textile) |
| 19. | Sri P. Kurian John,
Superintendent of Government
Presses, Trivandrum | .. | Expert
(Printing) |
| 20. | Sri T. M. Varghese,
Professor of Commerce,
Government Victoria College,
Palghat | .. | Expert
(Commerce) |
| 21. | Sri M. S. Srinivasan,
Assistant Educational Adviser
(Tech.) Southern Regional
Office, Shastri Bhavan, 35
Haddows Road, Madras | .. | Member |

22.	Professor K. K. Nair, Head of Department of Electronics and Communication Engineering, Hyderabad-7	Member
23.	Sri C. S. Padmanabha Iyer, Subhadhaya, Belhaven Gardens, Trivandrum-3	do.
24.	Sri A. K. Kaderkutty, Western India Plywood Ltd. Baliapatam	do.
25.	Sri H. P. Mohammed Rawther, Principal, Kerala Government Polytechnic, Calicut	do.
26.	Sri K. Koman Nayar, Principal, Government Polytechnic, Calicut	do.
27.	Sri P. S. Namboodiri, Ex. M.L.A.	Representing (Labour)
28.	Dr. C. L. Amba Rao, Head Structural Engg. Dn. Space Science and Technology Centre, Thumba	Member
29.	Sri A. Sreedhara Menon, Registrar, University of Kerala, Trivandrum	do.
30.	Dr. C. P. Kuriakose Director of Technical Education, Trivandrum	Ex officio Secretary of the Board

Board of Studies in Engineering and Technology

The Board of Studies in Engineering and Technology advised the State Board of Technical Education in academic matters at and below the Diploma level. The Board of Studies consists of the following members:—

1. Dr. C. P. Kuriakose,
Director of Technical Education.
2. Sri A. K. Narayanan Nambiar,
Director of Public Instruction,
Trivandrum.

3. Sri T. P. Joseph,
Chief Engineer, (General)
P.W.D., Trivandrum.
4. Sri V. Ganapathy,
Chief Engineer, Electrical,
K.S.E.B., Trivandrum.
5. Sri K. G. Menon, Principal,
Government Polytechnic,
Kottayam.
6. Sri K. M. Mathew, Principal,
Central Polytechnic,
Trivandrum.
7. Sri H. P. Mohammed Rawther, Principal,
S.S.M. Polytechnic, Tirur.
8. Dr. M. V. Raghavacharya,
Head of Department of Chemical Engg.,
Engineering College, Trichur.
9. Sri N. Bhaskara Kurup, Principal,
N.S.S. Polytechnic, Pandalam.
10. Sri L. Sivathanu Pillai, Principal,
Women's Polytechnic, Trivandrum
11. Sri P. S. Subramoniam, Principal,
Engineering College, Trichur
12. Sri George Pettah, Principal,
Maharaja's Technological Institute,
Trichur.

IV. ADMISSION TO ENGINEERING COLLEGES, POLYTECHNICS, WOMEN'S POLYTECHNICS, JUNIOR TECHNICAL SCHOOLS; ETC.

1. Engineering Colleges

Admission to all the seats in the two Government Engineering Colleges and 85 per cent of the seats in the 3 Private Engineering Colleges in the State, was made by a committee consisting of the Principals of Engineering Colleges, Chairman, Kerala State Electricity Board, Chief Engineer (General and Irrigation) Registrar, University of Kerala and the Director of Technical Education. The committee was assisted by a special staff, mainly consisting of the members of the Directorate of Technical Education, appointed for the purpose.

Admission to Engineering Colleges was made strictly on the basis of marks secured by the candidates for the Pre-Degree/Degree Examination as the case may be, subject to the principles of reservation laid

down by Government for the socially and educationally backward classes and the Scheduled Castes/Scheduled Tribes.

2. Polytechnics

The selection of candidates for admission to all the Polytechnics in the Public sector, Institute of Printing Technology and 85 per cent of seats in the 6 private Polytechnics was made by a committee consisting of the Principals of Polytechnics and Institute of Printing Technology, Shoranur and Director of Technical Education with the assistance of the Directorate staff deputed for the purpose.

The selection was made strictly on the basis of marks obtained for Mathematics and General Science in the S S L.C. / J.T.S.S.L.C. Examination subject to the principles of reservation of seats prescribed by Government for socially and educationally backward classes and Scheduled Castes/Scheduled Tribes.

3. Women's Polytechnics

The selection of candidates for admission to the 3 Women's Polytechnics was also made by a committee consisting of the Principals of Women's Polytechnics and the Director of Technical Education with the help of the departmental staff. The method of selection was the same as that followed for Engineering Colleges and Polytechnics.

4. Junior Technical Schools

In all the 21 Junior Technical Schools there were 1260 seats for admission. The admission to the Junior Technical Schools was made on district-wise basis on the basis of marks obtained for the VII standard examination and subject to the principles of reservation of seats to Backward Classes, Scheduled Castes/Scheduled Tribes students as laid down by Government. The selection was made by the Superintendents of the respective Schools.

V. PRIVATE GRANT-IN-AID SCHOOLS

There were 102 grant-in-aid schools during the year under report. They were preparing students for the Kerala Government Technical Examinations in various trades.

Admission to these institutions was made from both male and female candidates, within the age group of 14-25 and who has passed III Form or equivalent. These institutions are paid grant subject to their satisfying the conditions laid down in the Grant-in-aid Code.

VI. PRIVATE COMMERCIAL AND ENGINEERING INSTITUTIONS

The Private Commercial and Engineering Institutions under the control of the Department were being inspected by the departmental staff and recognition awarded. Syllabus for the various courses were prescribed and examinations conducted by the Department. Admission of candidates was done by the private agencies themselves. During the year under report there were altogether 904 recognised Institutions and 48 recognised Engineering Institutions.

VII(a). LIST OF GOVERNMENT INSTITUTIONS

1. College of Engineering, Trivandrum
2. College of Engineering, Trichur
3. Central Polytechnic, Trivandrum
4. Government Polytechnic, Kottayam
5. Government Polytechnic, Kalamassery
6. Maharaja's Technological Institute, Trichur
7. Government Polytechnic, Perinthalmanna
8. Kerala Government Polytechnic, Calicut
9. Government Polytechnic, Cannanore
10. Women's Polytechnic, Trivandrum
11. Women's Polytechnic, Trichur
12. Women's Polytechnic, Calicut
13. Institute of Printing Technology, Shoranur
14. Junior Technical School, Nedumangad
15. Do. Attingal
16. Do. Ezhukone
17. Do. Krishnapuram
18. Do. Adoor
19. Do. Sherthalla
20. Do. Pampadi
21. Do. Palai
22. Do. Perumbavoor
23. Do. Koratty
24. Do. Kodungallur
25. Do. Trichur
26. Do. Chittur
27. Do. Shoranur
28. Do. Kunnankulam
29. Do. Manjeri
30. Do. Calicut
31. Do. Badagara
32. Do. Mattannur
33. Do. Cannanore
34. Do. Cheruvathur
35. School of Arts, Trivandrum

36. Ravi Varma School of Painting, Mavelikkara
37. Government Occupational Institute, Trichur
38. Pre-Vocational Training Centre, Attungal
39. Do. Manjeri
40. Diploma Course in Shorthand and Typewriting, Trivandrum
41. Government Commercial Institute, Ernakulam
42. Government Industrial School, Irinjalakuda
43. Government Industrial School, Wadakkancherry
44. Tailoring and Garment-making Training Centre, Trivandrum
45. Do. Quilon
46. Do. Kottayam
47. Do. Thrissur
48. Do. Narakkal
49. Do. Trichur
50. Do. Palghat
51. Do. Kondotty
52. Do. Badagara
53. Do. Dharmadam
54. Do. Payyannur
55. Tailoring Trade School, Haripad
56. Do. Devikulam

(b) LIST OF PRIVATE INSTITUTIONS

1. Thangal Kunju Musaliar College of Engineering, Quilon
2. Mar Athanasius College of Engineering, Kothamangalam
3. N. S. S. College of Engineering, Palghat
4. Sree Narayana Polytechnic, Kottiyam, Quilon
5. Carmel Polytechnic, Alleppey
6. N. S. S. Polytechnic, Pandalam
7. Sree Rama Polytechnic, Valapad
8. Thiagarajar Polytechnic, Alagappanagar
9. Seethi Sahib Memorial Polytechnic, Tirur
10. Swamy Nithyananda Polytechnic, Kanhangad

(c) LIST OF INSTITUTIONS UNDER REGISTERED SOCIETIES

1. Regional Engineering College, Calicut
2. Food Craft Institute, Kalamassery

As a result of the acute unemployment prevailing among the Engineering Degree and Diploma holders, the intake of the Engineering Colleges and Polytechnics (other than Women's Polytechnics) in Civil, Mechanical and Electrical branches was reduced by 20 per cent during the year 1968-69. The reduced intake was continued during the year under review.

VIII (a). ACTIVITIES OF GOVERNMENT INSTITUTIONS**College of Engineering, Trivandrum**

The following degree courses and post-graduate courses were conducted in the College during 1972-73.

(a) Four-year degree courses leading to B.Sc. Engineering in Civil, Mechanical, Electrical, Tele-communication and Architectural branches of Engineering.

(b) Five-year Integrated degree course in Civil and Mechanical branches of Engineering.

(c) Two year post-graduate degree courses leading to M.Sc. degree for Civil, Mechanical, Electrical branches of Engineering.

The annual sanctioned strength for admission to the different branches of Engineering for the B.Sc., M.Sc. and 5 year integrated course and the number of students admitted for each course are as follows:

Name of courses	Civil B.Sc.	Civil 5 year Integrated course	Civil M. Sc.	Mechanical B. Sc.	Mechanical 5 year Integrated course	Mechanical M.Sc.	Electrical B.Sc.	Electrical M.Sc.	Tele-communication B.Sc.	Arch. B.Sc.	Total
1	2	3	4	5	6	7	8	9	10	11	12
Sanctioned strength	35	7	13	51	20	16	51	21	45	10	269
No. of students admitted	35	7	13	51	20	16	51	21	45	10	269
No. of backward classes admitted	..	..	..	..	..	..	..	..	..	..	41
No. of scheduled castes admitted	..	..	..	..	..	..	..	..	..	..	3

Total No. of students on the rolls in the year under report was 783; total number of backward class students in the rolls was 197 and total No. of scheduled castes in the rolls was 12. For the final year examinations 143 candidates appeared and 54 came out successful. The following scholarships and stipends were paid to the eligible students during 1972-73.

<i>Sl. No.</i>	<i>Name of scholarship or stipend</i>	<i>No. of students benefited</i>	<i>Amount paid Rs.</i>
1.	National Scholarship	37	44,400-00
2.	National Merit scholarship to the Children of School teachers	4	4,800-00
3.	National Loan scholarship	37	31,980-00
4.	Interest-free-repayable-Loan scholarship	9	6,570-00
5.	Stipend and L.S. Grant paid from the Harijan Welfare Department Examination fee reimbursed.	242	69,960-00
	Tuition fee, special fee and admission fee reimbursed	242	19,866-00
		242	1,12,856-00

A hostel with accommodation facilities to about 480 students functioned in the institution. The total number of inmates during the year was 322. About 1692 library books worth Rs. 70,250-83 were purchased and added to the stock. For the Athletic and Sports activities fund amounting to Rs. 29,740-24 was collected from the students and utilised for the purpose. The following staff members of the College were deputed for higher studies in foreign countries during the year under review:

1.	Sri M. M. Thomas, Lecturer in Civil Engineering	Guyana
2.	Sri M. Padmanabhan, Lecturer in Civil Engineering	U.S.A.
3.	Sri G. Inayathulla, Reader in Mech. Engineering	Canada
4.	Sri M. N. Agnisarman, Lecturer in Electrical Engineering	U.S.A.
5.	Dr. K. N. Ramachandran, Post-Graduate Professor in Tele-communication	U.S.A.
6.	Sri M. Harishankar, Lecturer in Tele-communication	Canada
7.	Smt. Mano Oommen, Lecturer in Electrical Engineering	U.S.A.

Twenty-six staff members of the College were sponsored for attending summer schools during 1972-73 in the following institutions,

8	Staff Members attended the Summer School in I.I.T. Madras,
4	Do. at University of Roorkee.
2	Do. at College of Engineering, Guindy.
10	Do. at I.I.T. Kharagpur and
2	Do. at I.I.T. Kanpur.

The total receipts and expenditure of the College and College hostel were as follows:—

	<i>Receipt</i> Rs.	<i>Expenditure</i> Rs.
College ..	3,48,590-00	35,46,663-00
Hostel ..	41,908-70	96,601-05

Engineering College, Trichur

The following Four years of Engineering Courses leading to the award of Degree were conducted during the year 1972-73 in the Engineering College, Trichur.

1. Civil Engineering.
2. Mechanical Engineering.
3. Electrical Engineering.
4. Chemical Engineering.

The Courses were conducted, in 8 semesters.

The annual sanctioned intake for each course and the actual intake were as follows:—

	<i>Name of Course</i>				
	<i>Civil</i>	<i>Mechanical</i>	<i>Electrical</i>	<i>Chemical</i>	<i>Total</i>
Sanctioned intake ..	22	51	26	45	144
No. of students admitted ..	21	51	26	45	143
No. of Backward Classes admitted ..	..	..	..	..	43
No. of Scheduled castes admitted ..	..	..	..	..	3

The total strength of the institution was 525, including 103 belonging to backward classes and 3 belonging to scheduled castes.

For the final year examination 138 students were presented, out of which 85 came out successful.

The following scholarships and stipends were awarded to the eligible students during the year under review:

Sl. No.	Name of scholarship or stipend	No of students benefited	Amount paid Rs.
1.	National Merit Scholarship	33	31,821.75
2.	National Loan Scholarship	34	30,860.00
3.	Repayable Loan Scholarship	7	6,370.00
4.	Stipend under the Kumara Pillai Commission Report	103	1,51,104.42

Hostel facilities for an admitted capacity of 700 students were provided. There were 384 inmates in the hostel during the year under review.

Six hundred and eighty-two library books worth Rs. 43,834.68 were purchased and added to the library raising the total No. of books to 13596. The students had their extra-curricular activities towards which an amount of Rs. 3,150 were spent for the year.

The total receipt and expenditure of the institution is as follows:—

	Rs.
Total receipt	1,12,888.00
Total expenditure	18,66,612.86

Central Polytechnic, Trivandrum

Full-time Diploma Courses of 3 year's duration and Part-time diploma courses of 4 year's duration in Civil, Mechanical and Electrical Engineering were conducted in the institution during the year under review. Besides, diploma courses of 3 year's duration in Textile Technology and Electronics and certificate course of 2 year's duration in Textile Technology were also conducted in the institution. The sanctioned annual intake was 96 and 72 for the full-time and part-time courses of the Civil, Mechanical and Electrical branches respectively. The sanctioned annual intake for Diploma in Textile Technology Course was 30 and for the Electronics 25 and for the certificate course was 25.

One hundred and one students for the full-time course and 70 students for the part-time course were admitted in the year. All the seats, in Textile Technology, Electronics and Certificate Course were filled up. There were 98 students belonging to backward communities and 33 students belonging to scheduled castes among the newly admitted students. On the rolls were 515 students including 146 belonging to backward classes and 36 belonging to scheduled castes.

Results of the final examinations are as follows:—

	<i>No. appeared</i>	<i>No. passed</i>
Final Year Civil, Mechanical and Electrical ..	72	22
Final Year Textile Technology ..	7	4
Final Year Certificate course ..	20	8

A hostel with accommodation capacity to 162 students was functioning with 83 inmates.

The following stipends and Scholarships were awarded:—

<i>Name of stipend or scholarship</i>	<i>No. of students benefited</i>	<i>Total amount Rs.</i>
1. Stipend under Kumata Pillai Commission Report ..	146	25,294.42
2. Stipend from the Harijan Welfare, Department for Scheduled Castes ..	36	30,298.75

Forty-two books worth Rs. 260 were purchased for the Library. There were 11526 books in the library at the end of the year under review.

Rs. 2,954 was spent towards extra-curricular activities. The institution won the Inter Polytechnic Athletic Meet and two other Inter Polytechnic Tournaments.

The following members of staff were sent for seminars or short term refresher courses.

1. Sri B. Sasidharan Nair, Lecturer in Civil Engineering.
2. Sri C. V. George, Lecturer in Mechanical Engineering.
3. Sri N. Sivadasan, Lecturer in Electrical Engineering.
4. Sri A. Vasudevan, Assistant Lecturer in Electrical Engineering.

The receipt and expenditure of the institution is as follows:—

	<i>Receipt Rs.</i>	<i>Expenditure Rs.</i>
Institution ..	1,10,512.51	5,88,090.79
Hostel ..	10,317.03	34,624.00

Government Polytechnic, Kottayam

Three year Diploma Courses in Mechanical, Electrical and Civil Engineering were conducted in the institution during the year under report. The sanctioned strength of the institution was 96 each for the I, II and III Year of the Course. 99 students for the I year, 62 for the

II Year and 52 for the III Year was admitted during the year. Total strength of the institution was 213. 36 backward community students and 9 scheduled caste students were newly admitted. On the rolls there were 94 backward class students and 11 scheduled castes students.

The details of passed out students in the examinations are furnished below:

		<i>No. appeared</i>	<i>No. passed</i>
Mechanical	..	21	12
Electrical	..	24	12
Civil	..	8	5
		—	—
Total	..	53	29
		—	—

A hostel with facilities for accommodation for 180 students was functioning in the institution during 1972-73 with 52 inmates.

An amount of Rs. 28,205.85 was spent towards payment of stipend from the Harijan Welfare Department for the 105 backward class students and Scheduled Caste students.

Forty-four No. of Library books were newly purchased spending an amount of Rs. 568.17. The total books at the end of the year was 3359.

The total receipt and expenditure of the Institution and the hostel was as follows:—

	<i>Rs.</i>
Total receipt of the institution during 1972-73 ..	19,724.65
Receipt of the hostel during 1972-73 ..	2,874.80
Total expenditure of the Institution during 1972-73 ..	3,29,747.37
Total expenditure of the hostel during 1972-73 ..	..

The following persons were sent for training at the Technical Teachers Training Institute, Madras-20.

1. Smt. P. V. Sosamma, Demonstrator in Electrical Engineering.
2. Sri K. Madhavan, Demonstrator in Civil Engineering.
3. Smt. M. A. Chinnamma, Draftsman (Civil).

Government Polytechnic, Kalamassery

Full-time Diploma Courses of three years duration in Civil, Mechanical, Electrical, Automobiles Engineering and Chemical Technology and Part-time Diploma Course of 4 years duration in Civil, Mechanical and Electrical Engineering were conducted in the institution during the year under review. The sanctioned strength was 132 for Civil, Mechanical and Electrical subjects, 30 for Automobile Engineering, and 20 for Chemical Technology. The sanctioned strength for the Part-time courses was 48. For the year under review 130 students were admitted for Civil, Mechanical and Electrical Subjects and 47 candidates were admitted for the Part-time courses. All the seats for the Automobile Engineering course and Chemical Technology were filled up completely. The total number of backward community students admitted during the year are 108 and the number of Scheduled Caste students admitted were 11. There were 603 students on the rolls which included 278 students belonging to backward classes and 23 students to Scheduled Castes.

178 candidates were presented for the final year examinations of the 5 courses and 89 came out successful in the year under report.

There was functioning a hostel with an accommodation facilities to about 150 students. During the year 1972-73 there were 95 inmates in the hostel. Stipends from the Harijan Welfare Department were paid to the students belonging to the Socially and Educationally Backward Classes and to the students of Scheduled Castes. The total amount spent in this account was Rs. 60,273.60.

About 111 books were newly purchased during 1972-73, spending Rs. 1,977.88 on this account and thus raising the number of the books in the library to 5369.

The expenditure incurred for the extra-curricular activities was Rs. 8,548.42 during the year under report.

Total receipt and expenditure of the hostel and the institution is as follows:—

		<i>Receipt</i>		<i>Expenditure</i>
		Rs.		Rs.
Hostel	..	20,072.50		..
Institution	..	81,466.34		5,27,169.29 +
				75,862.47

Sri V. C. Paul, Workshop Instructor of the institution was deputed for the Technical Teachers' Training for 18 months during the year.

Sri A. A. Poulouse, Demonstrator (Civil) and Sri C. M. Venkateswaran, Head of Automobile Engineering, attended the N.C.C. Refresher Courses at N.C.C., O.T.S. Kamptu and at N.C.C. Academy, Purandhar during 1972-73.

Maharaja's Technological Institute, Trichur

Three year full-time and four year part-time Diploma Courses in Civil, Mechanical and Electrical Engineering were conducted in the institution during 1972-73. The 96 sanctioned seats for the full-time course were completely filled up. Whereas only 42 seats were filled up against the sanctioned intake of 48. In respect of the part-time course 45 and 18 candidates belonging to the Socially and Educationally Backward classes and 22 and 6 candidates belonging to the Scheduled Castes were admitted to the above full-time and part-time courses respectively. Out of the total strength of 267, 126 belonged to backward classes and 36 to Scheduled Castes.

Twenty-nine students appeared for the final year examination and 13 of them came out successful.

The following scholarships or stipends were paid to the students for the year under report.

<i>Name of scholarship or stipend</i>	<i>No. of students benefited</i>	<i>Total amount of the scholarship or stipend Rs.</i>
1. Stipend paid from the Harijan Welfare Department for the Scheduled Castes and O.E.Cs.	22	26,400-00
2. Stipend paid from the Harijan Welfare Department for the S.E.B.Cs.	99	50,800-00

A hostel with facilities to accommodate 108 students was functioning with 71 inmates. Library books were not purchased during the year. There were about 5066 library books in the institution. The receipts and expenditure are furnished below:—

	<i>Receipts Rs.</i>	<i>Expenditure Rs.</i>
Hostel ..	6,525-00	86,857-45
Institution ..	59,791-00	4,42,187-61

Extra-curricular activities were conducted with a total expenditure of Rs. 5,452. The Silver jubilee of the institution was conducted during the year under report.

Government Polytechnic, Perinthalmanna

Diploma courses of 3 years duration in Civil, Electrical and Mechanical Engineering were conducted in the institution during the year under review.

The sanctioned annual intake of the institution was 96, against which 96 students were admitted including 49 students belonging to backward classes, 9 students to Scheduled Castes and 3 to Other Eligible Communities.

There were 181 students on the rolls including 87 students belonging to backward classes, and 23 students to Scheduled castes.

The students were paid the following scholarships and stipends:—

- | | | |
|---|--------------|-------------|
| 1. Stipend from the Harijan Welfare Department. | 23 students. | Rs. 20,195. |
|---|--------------|-------------|

Eighty-one students were presented for the final examinations and 33 of them came out successful.

A hostel which could accommodate 150 students was functioning during the year and 49 students were admitted.

Only 19 library books, worth Rs. 778 were purchased and added to the library raising the total number of books in the library to 3775.

The students had their extra-curricular activities. Rs. 4,003 was spent towards annual sports, magazine and association activities.

Total receipt of the institution was Rs. 41,000 and for the hostel the receipt was Rs. 7,500.84. The expenditure of the institution including of the hostel was Rs. 3,67,362.50.

Kerala Government Polytechnic, Calicut

During the year under review full-time diploma courses of 3 years duration in the following subjects were conducted.—

- | | |
|----------------------------|----------------------------|
| 1. Civil Engineering. | 3. Electrical Engineering. |
| 2. Mechanical Engineering. | 4. Chemical Engineering. |

Besides the above full-time courses, Part-time Diploma Courses of 4 years duration were conducted in the following subjects.

1. Civil Engineering.
2. Mechanical Engineering.
3. Electrical Engineering.

The sanctioned annual intake and the No. of students admitted were as follows:—

	<i>Full-time</i>		<i>Part-time</i>	
	<i>No. sanctioned</i>	<i>No. admitted</i>	<i>No. sanctioned</i>	<i>No. admitted</i>
Civil Engineering	49	40	16	8
Mechanical Engineering	70	69	16	11
Electrical Engineering	49	46	16	12
Chemical Engineering	30	30	..	..

The total strength of the institution was 377 for full-time course and 85 for part-time course.

143 students belonging to backward classes and 17 students belonging to Scheduled Castes were newly admitted during the year under review. There were 331 backward class students and 29 Scheduled Caste students on the rolls.

Details of the students appeared and passed for the examinations are furnished below :—

	<i>No. appeared</i>	<i>No. passed</i>
1. Civil Engineering	.. 15	7
2. Mechanical Engineering	.. 28	15
3. Electrical Engineering	.. 27	11
4. Chemical Engineering	.. 17	7

The students were paid the following Scholarships and stipends :—

<i>Name of Scholarship</i>	<i>No. of students sanctioned</i>	<i>Amount Rs.</i>
1. Scholarship to Physically handicapped	.. 1	900
2. National loan scholarship	.. 1	600
3. Stipend under the K.P.C. Report from Harijan Welfare Department	.. 246	1,26,571.10
4. Stipend to the Scheduled Castes and Scheduled Tribes	.. 24	34,932.43
5. Stipend to Other Eligible Communities	.. 11	9,486.61

There are two hostels attached to the institution with an admission capacity of 280 students. 140 students were admitted during the year under report and there were only 140 students in the hostel during the year.

295 books worth Rs. 2,582.59 were purchased for the Library. At the end of the year there were 4981 books in the library.

The students had their extra-curricular activities, and Rs. 5092.62 was spent towards sports activities.

Total receipt of the institution and of the Junior Technical School, Calicut including the hostel was Rs. 63,927.72. There was no separate account for receipt for the two institutions. The total expenditure of the institution alone was Rs. 6,78,905.55.

The following members of the staff were sent for trainings or refresher courses and seminars.

1. Sri M. S. Joseph,
,, Assistant Lecturer in Mechanical-
Engineering.
2. ,, N. Radhakrishnan Nair,
Assistant Lecturer in
Civil Engineering.
3. ,, R. C. George, Lecturer in
Electrical Engineering.
4. ,, M. Madhavan,
Lecturer in Mechanical
Engineering.

Government Polytechnic, Cannanore

Diploma courses of 3 year's duration in the following subjects were conducted in the institution:

1. Civil Engineering.
2. Mechanical Engineering.
3. Electrical Engineering.
4. Textile Technology.

The sanctioned annual intake for Engineering subjects was 108 plus 2 seats reserved for students from the Andaman and Nicobar Islands and for Textiles was 30. During the year, 138 students were admitted and the total strength of the institution was 267 during the year under report.

Of the total students admitted one student belonged to Scheduled Castes and 117 students to Backward Classes. Among the total number of students on rolls, there were 4 students belonging to Scheduled Castes and 221 students belonging to Socially and Educationally Backward Communities.

The following Scholarships and stipends were granted to the students during the year under review:

<i>Name of Scholarship</i>	<i>No. of students</i>	<i>Amount paid Rs.</i>
1. Government of India-Scholarship to Scheduled Castes/Scheduled Tribes ..	4	2,600.00
2. Stipends and grants paid from Harijan Welfare Department ..	179	32,614.67

Fifty nine students were presented for the Final Year Examination and 39 of them came out successful.

One hundred and eighty eight books worth Rs. 2,446 were added to the Library. There were 3573 books in the Library by the end of the year under report.

In the Hostel attached to the Polytechnic, 48 students were admitted during the year 1972-73. Total inmates of the Hostel during the year was 68.

The students of the Institution had their extra-curricular activities including Association Meetings and Sports activities. For Sports activities a sum of Rs. 2,770 was spent from the P. D. Account.

The total receipt of the Institution was Rs. 23,492.28 and of the hostel Rs. 9,012.30. Total expenditure during the year under report was Rs.4,92,525.94 inclusive of the Hostel

Women's Polytechnic, Trivandrum

During the year 1972-73 the following Diploma Courses were conducted in the institution:

1. Diploma in Commercial Practice—3 year's duration
2. Diploma in Instrument Technology—3 year's duration
3. Diploma in Costume Design and Dressmaking—2 years duration

The sanctioned annual intake for Diploma in Commercial Practice was 50, for Diploma in Instrument Technology it was 10, and for Diploma in Costume Design and Dressmaking it was 30. All the seats were filled up completely. Among the newly admitted students 40 belonged to other backward classes and 14 to Scheduled Castes. Out of the 217 students on the rolls 108 belonged to other backward classes and 25 belonged to Scheduled Castes.

No hostel was attached to the institution. No. of students appeared and passed in the Examinations

	<i>Appeared</i>	<i>Passed</i>
Diploma in Commercial Practice ..	47	9
Costume Design and Dress making ..	26	13
Total	73	22

The following scholarships and stipends were paid to the eligible students:

		<i>Rs.</i>
1. Non-repayable merit-cum-means Scholarships ..	13 students	3,198-35
2. Stipend from the Harijan Welfare Department for S.E.B.C. Students ..	108 ,,	27,511-40
3. Stipend from the Harijan Welfare Department for the Scheduled Caste students ..	25 ,,	16,075-93

Eighty eight books worth Rs. 1,835-61 were purchased, thus raising the total number of library books to 1806.

The institution had a receipt of Rs. 3,187-49 and an expenditure of Rs. 1,36,958-35.

The students participated actively in the extra-curricular activities.

The following staff members were deputed for seminars or training in the year under report:

1. Sri N. Gopikuttan Pillai,
Lecturer in Commerce.
2. Sri R. Gangadharan Nair,
Lecturer in Commerce.
3. Smt. P. Padmam,
Instructor in Commerce.
4. Smt. Alice Augustine,
Instructor in Costume Design and Dress making.

A new course in Instrument Technology was introduced in the year,

Women's Polytechnic, Trichur

The following three courses were conducted in the institution.

- | | | |
|--|----|-------------------|
| 1. Diploma in Commercial Practice | .. | 3 year's duration |
| 2. Diploma in Electronics | .. | 3 year's duration |
| 3. Diploma in Costume Design and Dressmaking | .. | 2 year's duration |

The sanctioned intake for the Diploma in Commercial Practice course was 50, for the Electronics course it was 40 and for the Costume Design and Dressmaking course it was 30. All the seats of the D.C.P. and Electronics courses were filled. For the Costume Design and Dressmaking 27 candidates were admitted. There were 54 students belonging to backward classes and 11 belonging to Scheduled Castes among the newly admitted students. Of the 287 students on the rolls, 115 belonged to Backward Classes and 20 belonged to Scheduled Castes.

The details of students appeared and passed in the examinations are furnished below :—

		<i>No. appeared</i>	<i>No. passed</i>
1. Diploma in Commercial Practice	..	40	17
2. Diploma in Electronics	..	28	23
3. Diploma in Costume Design and Dressmaking	..	21	15
		<hr/>	<hr/>
Total	..	89	55
		<hr/>	<hr/>

A hostel with accommodation for 80 was attached to the institution with 50 inmates.

The following stipends and scholarships were granted to the students for the year 1972-73:

		<i>Rs.</i>
1. Non-repayable Merit-cum-means Scholarship	.. 28 students	8,573.40
2. Stipend to the S.E.B.C. from the Harijan Welfare Department	.. 108 "	31,366.57
3. Stipend etc. to the Scheduled Castes from the Harijan Welfare Department	.. 19 "	16,560.00

One hundred and thirty books worth Rs. 1,523.16 were purchased for library thus raising the total number of books to 1306.

For the conduct of Sports and Other activities an amount of Rs. 800 was spent in the year.

The institution had a receipt of Rs. 8,430.30 including the receipt of the hostel. The total expenditure both for the institution and for the hostel was Rs. 1,75,893.40.

Women's Polytechnic, Calicut

The following diploma courses were conducted in the institution:

1. Diploma in commercial practice—3 years.
2. Diploma in costume design and dressmaking—2 years.

The sanctioned strength for the above courses was 50 and 30 respectively. 50 students were admitted for the D.C.P. Course and 24 students were admitted for the costume design and dressmaking course, including 42 students belonging to backward class and 6 to Scheduled Caste students.

There were 184 students on the rolls including 104 students of the backward classes and 10 students of the Schedule Castes.

The details of students appeared and passed in the public examinations are furnished below:—

	<i>Appeared</i>	<i>Passed</i>
1. Diploma in Commercial Practice	47	17
2. Costume design and dressmaking	16	11
Total	63	28

A hostel with accommodation for 70 was attached to the institution during the year under report with 48 inmates.

The following stipends and scholarships were sanctioned to the eligible students.

	Rs.
1. Non-repayable merit-cum-means scholarship .. 6 Students	2,400
2. Stipend for the post-matric students from the Harijan Welfare Department .. 7 do.	5,403
3. Stipend for post-matric students from the Harijan Welfare Department .. 10 do.	7,250

309 books worth Rs. 1,103.73 were purchased and added to the library thus raising the total number of books to 1822.

The receipt of the institution was Rs. 7,113.68 (including the receipt of the hostel) and the expenditure Rs. 1,16,516.80.

Rs. 1,566.34 was spent for sports and athletic activities of the students.

One of the staff members was sent for a 6 day Seminar at the Technical Teachers' Training Institute, Madras.

Institute of Printing Technology, Shoranur

Three-year course in Diploma in Printing Technology was conducted during the year under report. All the 30 sanctioned seats were filled up including 17 backward community students and 2 Scheduled Caste students. On the rolls there were 86 students which included 52 backward class students and 5 Scheduled Caste students.

Out of 28 students presented for the examination 17 came out successful. Stipend from the Harijan Welfare Department was paid to 45 students amounting to Rs. 10,553.22.

120 books worth Rs. 3,052.44 were purchased and added to the library thus raising the stock to 741 books.

Total receipt of the institution during 1972-73 was Rs. 23,813.68 and the total expenditure in the year Rs. 3,81,691.86.

Junior Technical School, Nedumangad

Against a sanctioned intake of 60 students 46 candidates were admitted including 19 students of the backward classes and 7 students of the Scheduled Castes. There were 149 students on the rolls of which 62 belonged to backward class and 21 to Scheduled Castes.

Out of the 40 candidates presented for the examination only 2 had come out successful.

DETAILS OF STIPEND AND SCHOLARSHIP

Name of Scholarship	No of students benefited	Total Amount Rs.
1. Merit-cum-means Scholarship	15	2,472.25
Harijan Welfare Department	21	8,316.95

Only one book worth Rs. 1.10 was purchased and added to the library. The total number of library books were 941.

Total receipt of the school during 1972-73 was Rs. 1,219.82 and expenditure Rs. 1,30,799.39.

Junior Technical School, Attingai

Against the sanctioned intake of 60 students, 56 students were admitted during the year. 35 students belonging to backward class and 2 belonging to Scheduled Castes were admitted for the course. Out of 171 students on the rolls, 108 belonged to backward classes and 11 belonged to Scheduled Castes.

Twenty-seven students were presented for the examination of whom 8 students came out successful.

The following scholarship and stipend were awarded to the students during the year:

	Rs.
1. Merit-cum-means Scholarship .. 17 Students	2,988.75
2. Stipend from the Harijan Welfare Department .. 10 "	3,957.65

Forty-eight library books worth Rs. 485.48 were purchased for the institution during the year raising the numbers to 571.

Annual day and youth festival were celebrated during the year.

Total receipt of the institution in the year was Rs. 2,210.44 and expenditure Rs. 1,39,513.35.

Junior Technical School, Ezhukone

Against the sanctioned annual intake of 60 students, 55 students were admitted including 12 students belonging to other backward communities and 6 students belonging to Scheduled Castes.

Among the 166 students on rolls, 38 belonged to backward classes and 19 belonged to Scheduled Castes.

While 42 candidates appeared for the final year examination, 11 candidates came out successful.

Non-repayable merit-cum-means scholarships were granted to 11 students and the expenditure on this account was Rs. 1,895.99. From the Harijan Welfare Department a sum of Rs. 7,194.90 was granted to 19 students belonging to Scheduled Castes.

Twenty library books worth Rs. 113.48 were purchased raising the total library books to 769.

Total receipt for 1972-73 was Rs. 737.04 and expenditure Rs. 1,32,145.27.

Sri N. Narayana Das, Workshop Instructor, was deputed for Technical Teachers Training Institute at Madras during the year under review.

Sri L. Mathew continued as the Superintendent.

Junior Technical School, Krishnapuram

Against the annual sanctioned intake of 60 students, 49 students were admitted including 29 students belonging to the backward communities and 3 students to the Scheduled Castes. On the rolls there were 148 students of whom 79 were backward community students and 12 Scheduled Caste students including failed candidates of the previous year. When 38 candidates appeared for the examinations, only 3 passed in it.

Merit-cum-means scholarship to 10 students amounting to Rs. 1,797.05 and stipend from the Harijan Welfare Department to 9 students amounting to Rs. 5,646.20 were awarded to the eligible students for the year 1972-73.

Twenty-seven library books were purchased costing Rs. 137.78. Total No. of library books were 310.

The receipt was Rs. 2,371.48 and the expenditure Rs. 1,45,277.

Sri K. G. Narayanan Achary, Workshop Instructor was deputed for the Technical Teachers' Training Institute at Madras.

Junior Technical School, Adoor

The institution had a sanctioned intake of 60 students. All the seats were filled up. 8 of them belonged to other backward classes and 6 to scheduled castes. There were 166 students on the rolls and 8 of them belonged to other backward classes and 6 to scheduled castes.

Only 3 students came out successful in the final examinations for which 42 candidates were presented.

The scholarship and stipend details are furnished below:

	Rs.
1. Non-repayable merit-cum-means Scholarship ..	17 Students 3,226.53
2. Stipend from the Harijan-Welfare Department ..	18 ,, 7,779.95

Twenty-eight library books costing Rs. 213 were purchased and added to the library raising the total to 701. Total receipt of the institution was Rs 510 and expenditure Rs 1,40,470 for the year under report.

Sri M.G. Gopinathan Nair was the Superintendent.

Junior Technical School, Shertallai

The sanctioned strength and admission details in respect of the institution are as follows:—

Sanctioned strength	Students admitted			No. of Backward Community Students	No. of Scheduled Castes	Total strength		
	I Year	II Year	III Year			Rolls	Backward Community	Scheduled Castes
172	66	64	42	26	6	172	26	6

Out of 37 students who appeared for the final examinations, 12 were successful.

Details of scholarship and stipend are furnished below:—

1. Non-repayable merit-cum-means Scholarship	7 Students	Rs. 1,264·00
2. Stipend paid from the Harijan Welfare Department	13 ,,	5,737·10

Six books at a cost of Rs. 23·02 were purchased and added to the library raising the number to 601.

Sports and games activities were conducted.

The total receipt of the institution was Rs. 521·52 and the expenditure Rs. 1,54,405·52.

Sri V. V. Raghavan, Workshop Instructor and Sri R. Gopinatha Pillai, Workshop Foreman were deputed for training at the Technical Teachers Training Institute, Madras. Sri Joseph Mathew was the Superintendent.

Junior Technical School, Pampady

All the 60 seats allotted to the institution were filled up during the year under report. 18 students of the Backward Classes and 7 students of the Scheduled Castes were newly admitted. The total strength including 31 Backward Classes and 21 Scheduled Castes was 133.

Twenty-seven candidates appeared for the examination and 9 of them came out successful.

Merit-cum-means scholarship amounting to Rs. 2,548 was awarded to 14 students and stipend amounting to Rs. 9,446.70 was paid from the Harijan Welfare Department. 19 students received stipend from the Harijan Welfare Department.

Number of library books purchased was 32 and the expenditure incurred on this account was Rs. 800. The total number of library books in the library were 510.

Annual sports and games were conducted as usual.

Receipt and expenditure were Rs. 836 and Rs. 1,47,612 respectively.

Sri P. Thomas David continued as the Superintendent.

Junior Technical School, Palai

All the seats were filled up against the sanctioned annual intake of 60. The number of Backward Class students admitted were 25 and the Scheduled Castes admitted were 7. There were 150 students on the rolls, including 42 Backward Class students and 19 Scheduled Caste students. Out of the 22 candidates presented for the examination, 6 candidates came out successful.

Merit-cum-means scholarship was awarded to 12 students and Rs. 2,097.60 was spent on this account. 19 students of the Scheduled Castes were granted stipend from the Harijan Welfare Department spending Rs. 7,474.60 in this respect.

The institution had an expenditure of Rs. 1,41,847.16 and receipt of Rs. 2,002.46.

Junior Technical School, Perumbavoor

Against the sanctioned intake of 60, only 54 students were admitted during the year, including 3 Scheduled Castes and 20 Other Backward Community students. Of the students on rolls viz. 155, there were 56 Other Backward Community and 6 Scheduled Caste students.

Thirty-one students were presented for the examination and 9 came out successful.

The following scholarships were awarded—

		<i>Rs.</i>
1. Non-repayable Scholarship	.. 11 Students	1,852.75
2. Stipends paid from Harijan Welfare Department	.. 6 ,,	2,700.00

Five books worth Rs. 11.86 were purchased during the year. The total number of books are 536.

The institution had a receipt of Rs. 840.39 and an expenditure of Rs. 1,23,371.53 during the year.

Junior Technical School, Koratty

Fifty-two candidates were admitted including 4 Backward Class and 3 Scheduled Caste students against the sanctioned strength of 60 students. There were 19 Backward Class students and 8 Scheduled Caste students among the 168 students on the rolls.

Forty-one students appeared for the final examination and 12 came out successful.

Sixteen students were awarded the merit-cum-means scholarship worth Rs. 2,752 from the Harijan Welfare Department. 5 eligible Scheduled Caste students were granted stipend amounting to Rs. 1710.05.

Sixteen books for the library costing Rs. 187 were purchased. The total number of books during the year were 391. Total receipt of the institution was Rs. 1,256.04 and expenditure Rs. 1,35,560.28.

Junior Technical School, Kodungallur

The sanctioned intake for the year under report was 60 against which only 56 candidates were admitted including 38 students belonging to Other Backward Classes and 5 students belonging to Scheduled Caste communities. Among the 157 students on the rolls 136 belonged to Other Backward Classes and 10 belonged to Scheduled Castes. Number of students presented for the examination were 34 out of whom 15 candidates came out successful.

The following scholarships and stipends were awarded to the eligible students of the School.

	Students	Rs.
1. National Scholarship	1	600.00
2. Non-repayable merit-cum-means scholarship	15	2,897.40
3. Stipend from the Harijan Welfare Department	8	3,600.00

Four library books worth Rs. 4.10 were purchased raising the number of books to 369. Total receipt was Rs. 680.07 and expenditure Rs. 1,33,696.05.

Junior Technical School, Trichur

The sanctioned intake is 60. During the year under report 54 students were admitted. The candidates admitted include 19 Other Backward Community and 5 Scheduled Caste students. There were 167 students on rolls including 39 Other Backward Community and 10 Scheduled Caste students.

Thirty-eight students were presented for the examination and 17 came out successful.

The details of scholarship awarded are given below:—

		<i>Rs.</i>
1. Non-repayable Scholarship	14 Students	2,069.95
2. Stipend paid from Harijan Welfare Department	10 „	3,275.85

Sixty-one books worth Rs. 556.64 were purchased during the year. The total number of books are 447.

The institution had a receipt of Rs. 569.00 and an expenditure of Rs. 1,49,044.23.

Junior Technical School, Chittur

The institution had a sanctioned intake of 60 students for the year under review. There were 32 students belonging to Backward Class and 12 to Scheduled Castes among the 56 students admitted in the year 1972-73. Out of the 112 students on the rolls 84 belonged to Backward Communities and 28 to Scheduled Castes.

Twenty-nine students appeared for the final examinations and only 5 came out successful.

The following scholarships were awarded:—

		<i>Rs.</i>
1. Non-repayable merit-cum-means Scholarship	6 Students	1,167.05
2. Stipend from the Harijan Welfare Department	20 „	8,817.00

169 books at a cost of Rs. 876.49 were purchased for the library which had in all 476 books.

Rs. 470.66 was spent for sports, athletics and association activities.

Receipt for 1972-73 was Rs. 1,226.85 and expenditure Rs. 1,36,187.08.

Junior Technical School, Shoranur

Against the sanctioned intake of 60 students, 59 students including 23 from Backward Classes and 7 from Scheduled Castes were admitted during the year under review. The total strength of the institution was 146 which included 10 Scheduled Castes.

There were 29 candidates for the final examination and only 5 came out successful.

The following scholarship and stipend were awarded to the eligible students.

		<i>Rs.</i>
1. Merit-cum-means Scholarship	5 Students	798·06
2. Stipend from the Harijan Welfare Department	12 "	4,392·57

Rs. 463·98 was spent for the purchase of 44 books for the library thus raising the total number of books to 596.

Students of the institution took part in the inter-school sports besides regular sports conducted as usual.

The institution had a total receipt of Rs. 710·83 and an expenditure of Rs. 1,38,353·45.

Junior Technical School, Kunnankulam

The total admitted students of the institution were 52 against the sanctioned annual intake of 60. 27 Backward Community students and 7 Scheduled Caste students were newly admitted during the year under review.

There were 128 students belonging to Backward Classes and 20 students to Scheduled Castes and other eligible communities among the 163 students on rolls.

Thirty-nine students were presented for the examination and only one was successful in it during the year.

Five students were given State Government Scholarship amounting to Rs. 514·79 and 18 students were paid stipend from the Harijan Welfare Department. Rs. 5,812·86 spent on this account in the year 1972-73.

Twenty-three Library books worth Rs. 186·53 were purchased and added to the library.

Junior Technical School, Manjeri

Sanctioned strength of the institution for the year under report was 60 and 59 students were admitted including 44 Backward Community students and 7 Scheduled Caste students. On the rolls there were 169 students among whom included 129 Backward Class students and 20 Scheduled Caste students.

Forty students appeared for the Public examinations and 14 of them passed.

The following scholarship and stipend were awarded to the students—

		Rs.
1. Merit-cum-means Scholarship	16 Students	3,094.80
2. Stipend from the Harijan Welfare Department.	16 „	6,940.10

Total library books were 542. No purchase was effected during the year.

Rs. 667.50 was spent for extra-curricular activities and annual day celebrations.

Receipt of the institution was Rs. 300 and expenditure Rs. 1,23,725.24.

Junior Technical School, Calicut

The institution has an intake of 60 students against which 55 students were admitted. Of them 34 students belonged to Backward Communities and 1 student belonged to Scheduled Castes. Of the 160 students on rolls 98 belonged to Backward Communities and 2 to Scheduled Castes.

Forty-one students were presented for the examination and 10 of them came out successful.

The following stipends and scholarships were awarded to the eligible students—

	<i>No. of students</i>	<i>Amount Rs.</i>
1. Non-repayable scholarship	9	1,800.00
2. Stipend from the Harijan Welfare Department	8	3,576.80

Nine books worth Rs. 43.85 were purchased during the year thus raising the total No. of books to 738.

The institution had an expenditure of Rs. 95,963.22. The receipt of the institution together with that of the Kerala Government Polytechnic, Calicut is Rs. 63,927.72.

Junior Technical School, Badagara

The sanctioned strength of the institution for the year 1972-73 was 30 and 28 students were admitted for the course. The admitted number of Backward Classes and Scheduled Castes were 19 and 1 respectively. There were 86 students on the rolls out of whom 65 students belonged to Backward Classes and 2 students to Scheduled Castes.

Out of the 19 candidates presented for the J.S.S.L.C. Examination, 11 came out successful.

The following scholarships and stipends were awarded to the students—

		Rs.
1. Meri-cum-means Scholarship	5 students	100
2. Stipend from the Harijan Welfare Department	7 „	3,150

Twelve library books worth Rs. 55.80 were purchased and added to the stock thus raising to 515.

Total receipt and expenditure of the institution were Rs. 258 10 and Rs. 1,10,087.25 respectively.

Junior Technical School, Mattannur

Against the sanctioned strength of 60 students, 37 were admitted including 22 students belonging to other Backward Classes and 3 students belonging to the Scheduled Castes. Of the 91 candidates on the rolls there were 44 Backward Communities and 13 Scheduled Castes communities students. No. of candidates presented for the examination were 22 and No. passed was 8. Merit-cum-means Scholarship was awarded to 9 students totalling Rs. 1,645.50. Stipend amounting to Rs. 5,001.45 was paid to 13 students from the Harijan Welfare Department.

Fifty-one library books worth Rs. 258.44 were purchased raising the number to 872.

The total expenditure incurred for the sports, and other activities was Rs. 469.19.

The receipt of the institution for the year under report was Rs. 1,464.70 and the expenditure Rs. 1,46,547.70.

Sri K. P. Krishnan Unni Nair was deputed for training at the Technical Teachers Training Institute, Madras during 1972-73.

An exhibition conducted in connection with the 10th anniversary of the institution helped the staff and students to enlighten the public about the various activities of the institution including their skill in operating different machines,

Junior Technical School, Cannanore

Besides the normal three year course in the J.T.S.L.C., an additional 3 year course in Pre-Vocational Training to the J. T. School students passed IV standard was also conducted during 1972-73.

The admission and other details are furnished below:

1. Sanctioned Strength		No. of students admitted	
J.T.S.L.C.	P.V.T.C.	J.T.S.L.C.	P.V.T.C.
60	15	60	15
2. "Backward Community students admitted"		Scheduled Caste students Admitted	
J.T.S.L.C.	P.V.T.C.	J.T.S.L.C.	P.V.T.C.
48	13	5	2
3. Students on the rolls		No. of Backward Castes on the rolls	No. of Scheduled Castes on the rolls
J.T.S.L.C.	P.V.T.C.	J.T.S.L.C.	P.V.T.C.
150	15	126	13
J.T.S.L.C.	P.V.T.C.	J.T.S.L.C.	P.V.T.C.
10	2		

Out of the 40 students appeared for the final examination, 22 came out successful. Only first year of the 3 year course of the Pre-Vocational Training was completed during 1972-73.

The following stipend and scholarships were awarded to the students during the year.

J.T.S.L.C.

		Rs.
1. Non-repayable merit-cum-means Scholarship	2 students	400
2. Stipend from the Harijan Welfare Department	10 "	4,494

P.V.T.C.

		Rs.
1. Merit-cum-means Scholarship	2 students	484.80
2. From the Harijan Welfare Department	13 "	700.31

171 books at a cost of Rs. 272.22 were purchased for the library. Total number of library books were 655.

Receipt and expenditure were as follows:

Receipt	Expenditure
Rs.	Rs.
480	1,63,465

A total sum of Rs. 60 was spent during the year on account of extra-curricular activities.

Junior Technical School, Cheruvathur

The sanctioned intake was 60 and 61 (1 transferred) from J. T. School, Badagara students were admitted including 35 Backward Class and 5 Scheduld Caste students. The total strength was 117 which included 62 students belonging to Backward Communities and 5 to Scheduled Castes.

Out of 28 candidates presented for the examination, 12 came out successful.

Scholarships and stipend as detailed below were awarded to the eligible students—

		Rs.
1. Non-repayable merit-cum-means Scholarship	10 students	1,880.50
2. Stipend from the Harijan Welfare Department	5 „	2,075.60

Twelve library books were purchased during the year at a cost of Rs. 41.85 thus raising the stock to 418.

Rs. 358.54 was spent on account of sports, games and Literary Associations.

Receipts were Rs. 266.15 and expenditure Rs. 1,52,980.98.

Sri Ramohan Rao continued as the Superintendent.

School of Arts, Trivandrum

The following 7 certificate courses were conducted in the year under review.

Course	Duration	Strength	Nq. admitted
1. Drawing and Painting	4	32	32
2. Ivory and Wood Carving	4	16	16
3. Silversmithy and Kust-gari work	4	16	16
4. Clay Modelling	4	8	8
5. Carpet and Durrie Weaving	2	12	12
6. Rattan and Basket making	2	16	16
7. Lacquer work	2	10	10

The total strength of the Institution for the year was 134. 10 Backward community students and 20 Scheduled Caste students were newly admitted in the year under review. There were, 20 students belonging to Backward Classes and 30 students to Scheduld Castes on the rolls.

The details of examinations conducted are furnished below:

Name of course	No. appeared	No. passed
1. Certificate Course	19	3
2. Diploma Course	8	1

The following stipends or scholarships were paid to the eligible students:—

Name of Scholarship	No of students benefited	Duration	Total Amount benefited
			Rs.
1. Government of India Deaf and Dumb	1	1 Year	600
2. Merit-cum-means Scholarship	21	1 ,,	2,544
3. Stipend from the Harijan Welfare Department	30	1 ,,	16,200

Twenty-nine books worth Rs. 1,640 for the library, were purchased during the year. Total books in the library at the end of the year were 852.

Total receipt of the institution during the year under review was Rs. 20,365.76 and the total expenditure Rs. 20,365.76.

Ravi Varma School of Painting, Mavelikkara

The following courses were conducted in the institution during 1972-73.

Sl No.	Name of Course	Duration	Sanctioned intake	No. of students admitted
1.	Certificate Course in Drawing and Painting and Clay Modelling	2 Years	15	19
2.	Diploma in Sculpture, Modelling and Painting	2 Years	15	12
3.	Post-diploma in Drawing, Painting, Sculpture and Modelling	1 Year	5	5

Among the students admitted this year, 12 belonged to Backward Classes and 9 belonged to Scheduled Castes. Out of the total strength of 75 students of the institution 19 belonged to the Backward Classes and 18 students belonged to Scheduled Castes.

Thirty-nine students were presented for the final year examination of whom 30 came out successful.

The following scholarships were paid to the students—

Name of Scholarship	No. of students benefited	Total Amount Rs.
1. Scholarship for physically handicapped	4	1,800.00
2. Kerala Government Merit Scholarship	14	643.00
3. Stipend from the Harijan Welfare Department	18	6,088.65

There was no receipt in the institution during the year under report whereas the expenditure comes to Rs. 38,943.55.

Government Occupational Institute, Trichur

Five year Post-diploma, 4 year Diploma and 2 year certificate course and 5 year Engraving Course were conducted in the institution in the year under review.

The sanctioned intake for drawing and painting is 15 and for engraving 5. All the seats were filled up during the year, including 5 students belonging to backward communities, and 10 students to scheduled castes. There were 94 students on the rolls which included of 10 students belonging to backward communities and 22 students to scheduled castes.

Out of 46 students presented for the final examinations, 38 came out successful.

The following stipends and scholarships were awarded during the year.

Sl. No.	Name of Scholarship	No. of students sanctioned	Amount Rs.
1.	Scholarship for deaf and dumb students	1	450
2.	Stipend from the Harijan Welfare Department	43	17,122.50

Total receipt of the institution for 1972-73 was Rs. 245.83 and the total expenditure Rs. 28,808.39.

A Fine Arts and Craft Exhibition was conducted on 7th, 8th and 9th January 1973. The expenditure on this account was met out of donation from students, staff and well-wishers.

Pre-Vocational Training Centre, Attingal

The sanctioned intake for the course was 30 and all the seats were filled up during the year. 14 students belonging to Backward Community and 12 to scheduled castes were admitted during the year under report. There were 46 backward classes and 26 scheduled castes on the rolls out of a total of 92 students.

Twenty-seven students were presented for the final year examinations and 8 passed. The following scholarships were awarded to the students. (1) Mid-day meals furnished to all students spending Rs. 3,505.25. (2) Stipend paid by the Harijan Welfare Department to 24 students amounted to Rs. 5,308.55.

Class text books and note books were purchased and issued to the students free of cost.

The students had their extra-curricular activities and participated in the district school sports. There was no receipt in the institution and the expenditure amounted to Rs. 43,069 07.

The following staff members were deputed to attend the refresher course and seminars for the year under report:

1. Sri S. P. Sivasankaran Asari, Craft Instructor at C.T.I. Howrah, Calcutta.
2. Sri R. Gopalakrishnan, Career Master at C.T.I. Sion, Bombay.

Pre-Vocational Training Centre, Manjeri

This institution was functioning during the year 1972-73. 45 students were admitted during the year under report. Of these 34 belonged to backward communities and 7 to scheduled castes/scheduled tribes. Total strength of the institution was 112 with 57 O.B.C. students and 14 scheduled castes/scheduled tribes students on the rolls. 22 students were presented for the final year examination of whom 22 came out successful.

Diploma Course in Shorthand and Typewriting (Trivandrum)

Diploma course in Shorthand and Typewriting of 2 year duration was conducted at Fort, Trivandrum. The sanctioned intake of 30 seats were filled up fully. 17 backward class students and 2 scheduled caste students were admitted during the year 1972-73. On the rolls there were 39 students of whom 12 belonged to backward classes and 1 to Scheduled castes. Out of the 15 students who appeared for the final year examination only 2 had come out successful. 14 books worth Rs. 50.83 were purchased and added to the library. Total receipt of the institution was Rs. 2,439.50 while the total expenditure was Rs. 14,322.

Government Commercial Institute, Ernakulam

The following courses for the Kerala Government Technical Examinations were conducted during the year.

The sanctioned annual intake is shown below for each course:—

- | | | |
|---|---|--------------------|
| <ol style="list-style-type: none"> 1. Accountancy 2. Theory and Practice of Commerce 3. Banking 4. Commercial Geography 5. Shorthand and Typewriting 6. Co-operation 7. Salesmanship | } | 60 for each course |
|---|---|--------------------|

Among the 78 students admitted during the year, 16 belonged to backward classes and 10 belonged to scheduled castes. On the rolls there were 103 students out of whom 26 students belonged to backward classes and 22 belonged to scheduled castes.

Fifteen students appeared for Typewriting and Shorthand examinations and 11 came out successful.

Six students were paid an amount of Rs. 1,352.88 towards stipend from the Harijan Welfare Department.

Eight Library books worth Rs. 107.77 were purchased and added to the present stock.

Receipt of the institution during the year 1972-73 was Rs. 7,971. and expenditure Rs. 30,279.89.

Government Industrial School, Irinjalakuda

2nd year Diploma Course in Embroidery and Tailoring was conducted in the institution during the year under review. Sanctioned strength of the institution was 20. All the seats were filled up including 2 students belonging to backward classes and 12 students belonging to scheduled castes. There were 44 students on rolls including 6 students belonging to backward classes and 35 students belonging to scheduled castes.

Thirty students appeared for the examination out of whom only 10 students were successful.

Rs. 16,110 was spent towards stipend to the 35 scheduled caste students.

The receipt for the year was Rs. 868 and the expenditure Rs. 12,510.10.

Government Industrial School, Wadakkancherry

Two year diploma course in Tailoring and Garment Making was conducted in the institution with an intake of 20 students. All the seats (20) were filled up during the year, including 6 backward class students and 8 scheduled caste students.

Out of the 40 students on the rolls 15 belonged to backward community and 17 belonged to scheduled castes.

While 15 candidates were presented for the examination only 3 of them came out successful.

Sixteen students were paid stipend from the Harijan Welfare Department and Rs. 7,200 was spent on account of it.

Tailoring and Garment Making Training Centre, Pattom, Trivandrum

One Year Course in Tailoring and Garment Making was conducted in the institution. 60 was the annual intake but only 51 students were admitted during the year under review. There were 27 students belonging to backward communities and 18 to scheduled castes.

Out of the 46 candidates presented for the examination 41 came out successful.

Stipend, from the Harijan Welfare Department, was awarded to 18 students and Rs. 8,871.06 was spent on account of this.

The institution had an expenditure of Rs. 10,677.01 during the year under review.

Tailoring and Garment Making Training Centre, Quilon

One Year Diploma Course in Tailoring and Garment Making was conducted. The sanctioned annual intake was 20. All the seats were filled up. 3 students were belonged to scheduled caste community. Rs. 1,620 was spent towards stipend to the 3 scheduled caste students from the Harijan Welfare Department.

Tailoring and Garment Making Training Centre, Kottayam

The sanctioned intake of the institution was 20, which were filled up completely. 2 students belonging to backward communities and 4 students belonging to scheduled castes were newly admitted.

Out of the 20 candidates presented for the examination, 19 came out successful.

Six students were paid stipend from the Harijan Welfare Department and Rs. 3,028.05 was spent towards it.

The expenditure of the institution for 1972-73 was Rs. 5,898.17.

Tailoring and Garment Making Training Centre, Tripunithura

One Year Diploma Course in Craftsmanship was conducted in the institution for the year 1972-73. The 40 seats sanctioned were filled up with 16 students belonging to backward classes and 8 students belonging to scheduled castes.

Eight students of the scheduled castes were paid a total amount of Rs. 3,960 annually from the Harijan Welfare Department.

Out of the 39 students appeared for the final examination 37 came out successful.

There was no receipt and the expenditure was Rs. 7,056.13 for the year 1972-73.

Tailoring and Garment Making Training Centre, Narakkal

One Year Diploma Course in Tailoring and Dressmaking with a sanctioned intake of 40 was conducted in the institution during the year under review. All the 40 seats were filled up including 8 students belonging to backward classes and 16 students belonging to scheduled castes.

Thirty-eight candidates were presented for the examination and 19 of them came out successful.

Stipend to 16 students at the rate of Rs. 45 p.m. per student for 10 months were paid from the Harijan Welfare Department.

The expenditure of the institution for 1972-73 was Rs. 18,855.47.

Tailoring and Garment Making Training Centre, Trichur

The institution had a sanctioned annual intake of 40 and all the seats were filled up during the year under review. 9 students belonging to the backward classes and 10 students belonging to the scheduled castes were newly admitted in the year.

Thirty-one candidates came out successful out of 36 candidates presented for the examination.

Rs. 5,670 was spent towards payment of stipend to 10 scheduled caste students, from the Harijan Welfare Department.

Tailoring and Garment Making Training Centre, Palghat

One Year Diploma Course in Tailoring and Garment Making was conducted in the year 1972-73, with an intake of 20 students. Only 15 students were admitted to the above course. There were no students belonging to the backward classes but 6 students belonging to scheduled castes were admitted. Out of the 16 students appeared for the final year examination 12 came out successful.

Six students of the scheduled castes were paid stipend amounting to Rs. 3,261.70 from the Harijan Welfare Department.

The institution had no receipt in the year under report. The expenditure was Rs. 4,617.72.

Tailoring and Garment Making Training Centre, Kondotty

One Year Diploma Course in Tailoring and Garment Making was conducted in the institution. Against the sanctioned intake of 20, 20 students were admitted including 2 students belonging to backward classes and 3 to scheduled castes. Rs. 1,015.10 was spent towards stipend from the Harijan Welfare Department.

Tailoring and Garment Making Training Centre, Badagara

One Year Diploma Course in Tailoring and Garment Making Training was conducted in the institution with a sanctioned intake of 20. All the seats were filled up. There were 14 backward community students and 3 scheduled caste students.

Ten out of 15 students presented for the examination passed in it.

Monthly stipend paid amounting to Rs. 1,279.99 from the Harijan Welfare Department for 3 scheduled caste students.

There was no receipt during the year. The expenditure alone was Rs. 6,004.99.

Tailoring and Garment Making Training Centre, Dharmadam

Diploma Course in Tailoring and Garment Making of one year duration was conducted in the institution for 1972-73. All the 20 sanctioned seats were filled up this year, including 16 backward classes and 3 scheduled castes.

Out of the 18 students appeared for the public examination, 16 came out successful.

Stipend was paid to 2 students and Rs. 740.30 was spent on this account.

There was no receipt but the institution had an expenditure of Rs. 6,149.19.

Tailoring and Garment Making Training Centre, Payyannur

One Year Diploma Course in Tailoring and Garment Making was conducted in the institution in the year under review.

The sanctioned annual intake was 20, which were filled up completely.

Number of Scheduled Caste/Scheduled Tribe students in the Tailoring and Garment Making Training Centre, Payyannur	.. 4
Number of students who received stipends from Harijan Welfare Department	.. 4
Amount spent	.. Rs. 1,927-05

Tailoring Trade School, Haripad

With a sanctioned intake of 20 students, one year Diploma Course in Tailoring and Garment Making was conducted in the institution. All the seats were filled up. 8 backward class students and 4 scheduled caste students were admitted. The total strength was 18. 4 scheduled caste students were awarded stipend from the Harijan Welfare Department spending Rs. 1,234. 18 students were presented for the examination and 13 of them passed in it.

Tailoring Trade School, Deviculam

One Year Diploma Course in Tailoring and Garment Making was conducted in this institution with a sanctioned intake of 20. 17 students were admitted for the above course including 1 backward class student and 16 scheduled caste students. Stipend from the Harijan Welfare Department was paid to 15 students spending Rs. 8,100 for the year under report. 15 students were presented for the final examination and all of them came out successful in it.

(B) ACTIVITIES OF THE PRIVATE INSTITUTIONS UNDER THE CONTROL OF THE DEPARTMENT

1. T. K. M. College of Engineering, Quilon

Four Year course in Civil, Mechanical and Electrical Engineering subjects were conducted leading to award of degree in Engineering.

Against the sanctioned intake of 144, 144 students were admitted including 50 students belonging to backward classes and 4 belonging to scheduled castes.

There were 468 students, on the rolls which included 189 backward classes and 14 scheduled caste students.

The following are results of the public examination:—

	No. appeared	No. passed
Civil Engineering	5	4
Mechanical Engineering	37	36
Electrical Engineering	41	38

A hostel with accommodation facilities for 400 students was functioning during the year 1972-73 with 161 inmates.

Details of scholarships and stipends paid to the students are furnished below:

<i>Scholarships</i>	<i>No. of students sanctioned</i>	<i>Total amount paid Rs.</i>
1. National Scholarship	2	2,400-00
2. Merit Scholarship to the Children of School Teachers	4	3,600-00
3. National Loan Scholarship	13	12,770-00
4. Government of India—Arthopaedically handicapped	1	1,200-00

Stipend from the Harijan Welfare Department—

		<i>Rs.</i>
1. Educational Concessions under the Kumara Pillai Commission Report	176	1,48,540-11
2. Boarding and Lodging charges, stipend, fees, lump sum grant, pocket money, etc. to scheduled castes and X'ian converts from them	25	35,191-41
Total		1,83,731-52

Eighty-three, library books costing Rs. 800-90 were purchased thus raising the total number of books in the library to 13667.

Rs. 4,774 was spent towards extra-curricular activities during the year—

	<i>Rs.</i>
1. The total receipt of the institution	2,24,279-00
2. Total receipt of the hostel	22,500-00
3. Total expenditure of the institution during 1972-73	7,83,799-00
4. Total expenditure of the hostel during 1972-73.	20,300-00

2: Mar Athanasius College of Engineering, Kothamangalam

During the year under report, Degree Courses of 4 years duration was conducted in Civil, Mechanical and Electrical branches of Engineering.

The sanctioned intake for all the branches of Engineering together was 96 for the year and 96 were admitted for all the subjects together. Of the students admitted, 20 were from backward classes and one from scheduled caste community. On the rolls there were 264 students which included 51 backward classes and 4 scheduled caste community.

There was a hostel attached to the college accommodate 285 students. There were only 216 students in the hostel during the year.

The students were paid the following scholarships.

	No. of students	Amount Rs.
1. Harness fee. concession	1	388-00
2. National Loan Scholarship	11	10,670-00
3. Educational concessions for C.B.C. students	1	2,169-15
4. Stipend paid from Harijan Welfare Department to S.C./S.T. students	3	4,019-99
5. S.E.B.C. concession under K.P.C.R.	51	49,023-16

The institution had a total receipt of Rs. 6,61,666-21 and an expenditure of Rs. 7,90,315-15 during the year under report.

3. N. S. S. College of Engineering, Palghat

Degree Course of 4 years duration was conducted during the year under report. The sanctioned intake was 96 per year, against which 96 students were admitted. On the rolls, there were 206 students which included 45 backward classes and 5 scheduled caste students.

A hostel with a capacity of 225 students was functioning. There were only 173 students in the hostel during the year.

The following scholarships were paid during the year:

	No. of students	Amount Rs.
1. National Loan Scholarship	4	3,880-00
2. National Scholarship	2	1,200-00
3. Stipend paid from Harijan Welfare Department	61	20,857-11

30 books worth Rs. 828 were purchased during the year. There were 11896 books by the end of the year.

The receipts and expenditure of the institution are detailed below:

		<i>Receipts</i> Rs.	<i>Expenditure</i> Rs.
College	..	6,42,488.42	7,85,017.49
Hostel	..	1,44,356.07	1,40,748.80

4. S. N. Polytechnic, Kottiyam, Quilon

Diploma Courses of 3 years duration in Civil, Mechanical and Electrical Engineering were conducted in the institution. The sanctioned intake is 144 and 144 students including 87 students belonging to backward communities and 18 students to scheduled castes, were admitted during the year under review. 360 students were on rolls which included 246 backward classes and 25 scheduled caste students.

Stipend was paid to 29 students amounting to Rs. 15,982.29 from the Harijan Welfare Department.

Out of 74 candidates presented for the final year examinations, only 20 came out successful.

A hostel with a capacity to accommodate 120 students was functioning during the year under review. There were 72 inmates in the hostel.

Rs. 1870.88 was spent towards extra-curricular activities.

125 new books were purchased to the library spending an amount of Rs. 1,736.48 in this respect. At the end of the year there were 1998 books in the library.

The receipts and expenditure of the institution and the hostel are furnished below:

		<i>Receipts</i> Rs.	<i>Expenditure</i> Rs.
Institution	..	4,19,954.04	3,99,810.45
Hostel	..	38,758.65	44,444.82

5. Carmel Polytechnic, Alleppey

Three years Diploma Course in Civil, Mechanical and Electrical Engineering was conducted in the institution during 1972-73. The annual sanctioned intake for Civil Engineering was 48, for Mechanical Engineering 64 and for Electrical Engineering 32. Total number of

students admitted was 144, including 77 students belonging to backward communities and 6 students belonging to scheduled caste. On the rolls there were 355 students in the year consisting of 191 backward classes and 12 scheduled caste students.

The following are the results of the examinations conducted during the academic year:

Final Year		<i>No. appeared</i>	<i>No. passed</i>
	Civil Engineering	.. 17	8
„	Mechanical Engineering	.. 26	17
„	Electrical Engineering	.. 27	20

Seven students in the Civil Engineering Section and 4 students of the Mechanical Engineering Section and 15 students of the Electrical Section secured first classes during the year under review.

There were hostel facilities for 150 students, but only 83 inmates including the 48 new comers, availed the facilities.

Stipend from the Harijan Welfare Department was paid to 199 students including other backward communities under the Kumara Pillai Commission Report and scheduled castes and scheduled tribes Rs. 1,20,740.53 was spent on this account.

An amount of Rs. 1,076 was incurred for the purchase of library books for the institution. Total number of books in the year, was 2062. Rs. 12,386.60 was spent for the extra-curricular activities.

The institution had a receipt of Rs. 41,420.40 whereas there had an expenditure of Rs. 2,71,548.21.

6. N. S. S. Polytechnic, Mannamnagar, Pandalam

Diploma Course of 3 years duration in Civil, Mechanical and Electrical Engineering were conducted during the year. The sanctioned intake per annum was 144. All the seats were filled up. There were 20 students belonging to Scheduled Castes and 20 students belonging to Backward Communities among the newly admitted students. On the rolls there were 308 students including 34 backward classes and 34 scheduled castes.

A hostel with accommodation capacity to 100 students was functioning with 84 inmates.

91 candidates were presented for the final year examinations and 30 out of them came out successful.

The following scholarships were paid:

<i>Name of scholarship</i>	<i>No. of students</i>	<i>Amount paid Rs.</i>
1. National Loan Scholarship	1	720-00
2. Stipend to Scheduled Castes	34	27,117-01
3. Lower Income Group	..	28,862-82
4. Forward Caste	..	365-00

Details of receipts and expenditure are given below:

	<i>Receipts Rs.</i>	<i>Expenditure Rs.</i>
Polytechnic	8,27,941-00	79,943-48
Hostel	66,239-20	68,939-90

265 library books worth Rs. 441-80 were purchased and added to the library.

7. Sree Rama Polytechnic, Valapad

The Sree Rama Polytechnic, Valapad started under Private Sector in 1958 was taken over by Government in 1960, as the Management failed to manage the affairs of the institution properly.

Diploma Courses of 3 years duration in Civil, Mechanical and Electrical Engineering were conducted in the institution during the year under review. The sanctioned annual intake of the institution was 96 and 96 students including 77 backward community students were admitted during the year. On the rolls there were 204 students including 162 backward community and 13 scheduled caste students.

Twenty-five students were presented for the final year Diploma Examination and 8 came out successful.

The following scholarships were paid:

	<i>No. of students</i>	<i>Amount Rs.</i>
1. Stipends and Scholarships paid from Harijan Welfare Department	13 ..	10,431-96
2. S.E.B.C. concessions under K.P.C.R.	161 ..	35,668-78

The institution had a receipt of Rs. 44,187-00 and an expenditure of Rs. 1,46,519-48.

8. Thiagaraja Polytechnic, Alagappanagar

The institution had an intake of 144 students per year and 144 students were admitted including 65 backward community and 7 scheduled castes/scheduled tribes. Diploma Courses in Civil, Mechanical and Electrical Engineering were conducted during the year under report.

There were 322 students on the rolls which included 139 backward community students and 14 scheduled caste/tribe students. 75 students were presented for the examination and 35 came out successful.

A hostel with an intake capacity of 270 was functioning. There were 61 students in the hostel by the end of the year.

The following scholarships were paid:

	No. of students	Amount Rs.
1. Stipends paid from Harijan Welfare Department	.. 34	9,621.28
2. Scholarship to S. E, B. C. Students	.. 139	51,553.48

No book was purchased during the year.

The details of receipts and expenditure are detailed below:

	Receipts Rs.	Expenditure Rs.
Polytechnic	.. 2,33,609.64	4,30,333.57
Hostel	.. 5,585.82	10,094.47

9. Seethi Sahib Memorial Polytechnic, Tirur

During the year under report, Diploma Courses of 3 years duration in Civil, Mechanical, Electrical and Electronics were conducted. The sanctioned annual intake of the institution was 90 for Civil, Mechanical and Electrical Engineering Courses and 30 for Electronics against which 90 candidates for Civil, Mechanical and Electrical and 30 for Electronics were admitted which included 10 scheduled castes, 5 other eligible community and 76 backward community students.

On the rolls there were 273 students including 164 backward community, 21 scheduled caste and 5 other eligible community students.

Fifty-four students were presented for the examination and 25 students came out successful.

Hostel with a capacity of 165 students was functioning. There were 165 students in the hostel during the year under report.

The following scholarships and stipends were paid:

	<i>No. of students</i>	<i>Amount Rs.</i>
1. Stipends paid from Harijan Welfare Department to Scheduled Castes/O.E.C.	.. 26	20,469-10
2. S.E.B.C. concessions under K.P.C.R.	.. 143	91,186-80
3. National Scholarships	. 2	2,466-65

Forty-one library books worth Rs. 910 89 were purchased thus raising the total number of books to 2269.

The institution had a receipt of Rs. 2,14,670-94 and an expenditure of Rs. 2,88,931-67 during the year. Receipt of the hostel was Rs. 1,64,672-76 and expenditure Rs. 1,65,181-89

10. Swamy Nithyananda Polytechnic, Kanhangad

Diploma Courses of 3 years duration in Mechanical and Automobile Engineering were conducted during the year under review. 60 is the annual sanctioned intake of the institution and there were 20 students on the rolls during the year. Admission was not made for the first year class during the year.

There was a hostel with an intake of 10 students. There were 6 inmates in the hostel.

Stipends paid from the Harijan Welfare Department are furnished below:

	<i>No. of students</i>	<i>Amount Rs.</i>
1. Scholarships paid from Harijan Welfare Department	.. 12	2,135-96

The institution had a receipt of Rs. 50,629-47 and an expenditure of Rs. 1,40,732-06.

LIST OF INSTITUTIONS UNDER REGISTERED SOCIETIES

1. Regional Engineering College, Calicut

The following courses leading to the award of degree were conducted during the year 1972-73:—

1. A Preparatory Engineering Course of one year duration in 2 semesters.

2. Four year degree course leading to B. Sc. Engineering.
3. Two year degree course leading to M. Sc. Engineering.

Sanctioned strength of the above courses were as follows:

1. Engineering Preparatory Course—100
2. I year B. Sc. Engineering—100
3. M. Sc. Engineering—18

Number of students admitted—

1. Engineering Preparatory Course—67
2. I year B. Sc. Engineering—150
3. I year M. Sc. Engineering—13

Among the newly admitted students there were 58 students belonging to the backward classes and 4 students to the scheduled caste.

The total strength of the institution was 758 which included 190 students belonging to backward class and 4 Nos. to the scheduled caste.

The results of the public examination are furnished below :—

Course	No. appeared	No. passed
1. Civil Engineering ..	41	21
2. Mechanical Engineering ..	67	54
3. Electrical Engineering ..	63	42
Total ..	171	117

Hostels with facilities of modern amenities to accommodate 1095 students were functioning in the campus during the year under report. The total number of inmates of the hostels numbered 710 including the newly admitted 254.

The following scholarships and stipends were awarded to the students.—

	No. of Students	Rs.
1. Merit-cum-means Scholarship @ Rs. 75 per head ..	144	1,29,600
2. Merit Scholarship @ Rs. 100 per head ..	14	1,400
3. Oriental merit Scholarship ..	3	3,600
4. Oriental merit Scholarship to the Children of School teachers ..	3	3,600
5. National Loan Scholarship ..	3	2,910
		(one year)

	<i>No. of Students</i>	<i>Rs.</i>
6. National Foundation for teachers Welfare Scholarship	5	1,800 (one year)
7. Educational concessions under the Kumara Pillai Commission Report	89	25,882.02
8. Stipend to X'ian converts and other eligible communities ..	6	900
9. Stipend to Scheduled Castes ..	2	300

An amount of Rs. 1,85,501.25 was spent towards the purchase of 2683 books, thus raising the number of library books to 15554.

The National Service Scheme Volunteers and Staff Members of the College rendered help for the construction of houses under the One lakh Housing Scheme.

Farmers in the vicinity of the College were made to acquaint themselves with the mechanism of pumps, diesel engines and motors, besides the training given in the proper use and maintenance of modern agricultural implements. The N.S.S. Volunteers constructed a road about 2 kms. near Mokkalam.

The total expenditure for the extra-curricular activities was Rs. 1,03,105.40.

The institution had a total receipt of Rs. 53,89,459.85 and an expenditure of Rs. 57,61,780.46 for the year under review. The receipt of the hostel was Rs. 8,01,700 and the expenditure Rs. 8,10,300.

The following persons went for higher studies in foreign countries.—

1. Sri K. V S. Bhat, Lecturer in Electrical Engineering Department .. Howvairi
2. Sri S. V. Ramachandran, Lecturer in Civil Engineering Department .. Madras
3. Sri S. Palani Raj, Lecturer in Civil Engineering Department .. Bangalore
4. Sri K. Thankavelu, Lecturer in Mechanical Engineering Department .. U.S.A.
5. Sri C. George Philip, Lecturer in Mechanical Engineering Department .. Iowa

Seventeen members of the staff of the college were on study leave under Quality Improvement Programme.

Forty-seven staff members were sponsored for short-term courses or summer school, etc.

2. Food Craft Institute, Kalamassery

The following courses were conducted in two sessions first in August 1972 and the second in February 1973.

A. Craft Courses	Sanctioned strength	No. of students admitted	
		I Batch	II Batch
1. Canning and Food preservation	15	..	15
2. Bakery and Confectionery	20	13	15
3. Cookery	20	20	20
4. Hotel reception, Book-keeping and typewriting	20	20	20
5. Restaurant and counter service	20	18	20
B. Housewives Course :—			
1. Canning and Food preservation	10	2	2
2. Bakery and Confectionery	20	2	..
3. Cookery	20	..	2

Four students of the first batch and three students of the second batch were granted merit-cum-means scholarship @ Rs. 30 p.m.

The students of the institution visited leading hotels and tourist places. Facilities were provided for sports and games.

Trophies and individual prizes were donated by some of the leading firms and important personalities.

Along with the Community Canning Centre (Government of India), Cochin, the centre participated in the "Career Guidance Exhibition and Seminar" organized by the Rotary Club of Cochin.

A cafeteria was opened during the year which enabled to give practical training to few students.

During the year the following capital expenditure have been incurred.—

	Rs.
1. Equipments	.. 7,564.42
2. Furniture and Fittings	.. 7,402.08
3. Library Books	.. 1,354.34

The total expenditure during the year under report by way of grant-in-aid to Private Engineering Colleges and Polytechnics and Private Industrial Schools is Rs. 46,93,629.44 and Rs. 1,19,855 respectively.

The total receipt and expenditure of the Department during the year was Rs. 10,76,282.23 and Rs. 1,02,86,329.91 (excluding grant-in-aid) respectively.

CONCLUSION

The administration of the Department of Technical Education was taken over by Dr. C. P. Kuriakose early in January 1971. It functioned smoothly, during the year under report. Department did not encounter any difficulty during the course of the year, thanks to the able guidance and control of the Secretary to Government, Education Department. The Department is contemplating upon introducing new Courses in Engineering Colleges and Polytechnics in different disciplines of Engineering and Technology with active Co-operation with TERLS, Cochin Shipyard, etc. Steps were undertaken to re-organise the diploma courses and K. G. C. Examinations according to suit the present needs. Steps were taken to introduce Part-time Degree-Courses in Engineering in the College of Engineering, Trivandrum during the academic year. It is proposed to start two Pre-Vocational Training Centres at Kodungallur and Cannanore. It is expected that this Department will ultimately take over the responsibility of conducting Diploma Examinations, K.G.C. Examinations, Commercial and Industrial Examinations.

(Sd.)

For Director of Technical Education,

NAME OF AGENTS—[Continued from outer cover]

- 45 P. Radhakrishna Pillai, Sivavilasom, Kizhakkekkara, Kottarakara.
46. Vidyarambham Press and Book Depot (P) Ltd., Mullakkal, Alleppey.
47. K. S. Kumara Pillai, Sreekumar Stores, Nedumangad
48. E. K. John, Stamp Vendor, C/o Popular Trading Co , Kottayam.
49. The Mahatma Press, Palace Road, Trichur.
- 50 P. K. Chacko, Proprietor, Peekaycee Trades, Kottayam.
51. Janatha Book Stall, Near P M G 's Office, Trivandrum.
52. The Secretary, Govt Servants Co-operative Society Ltd No. A-208, Alleppey.
53. The Manager, St. Thomas Press, Palai.
54. The National Stores, Cannanore
55. N. Chellappan Pillai, Narayana Press and Book Stall, Attingal.
56. K. Kunhambu, Bharath Printing Press, Kanhangad (P.O.), Cannanore.
57. Koshy P John, Vidyarthi Mithran Press and Book Depot, Kottayam.
58. Y Habeculla, Proprietor, New Book Centre, Near Collectorate, Quilon-^o.
- 59 Vijayakumar Jain, Prabhu Book Service, Gurgoan, Hariyana.
60. Haji Abdul Rahiman Sait, Merchant, Kesavadasapuram, Trivandrum-4.
61. M. Balan, Manager, City Book Stall, R. S Road, Ottappalam.
62. K. Kunjiraman, Manager, Jaya Stores, Vazhuthacaud, Trivandrum
63. P. N. Narayana Pillai, M N Printers, Adoor
64. S Krishna Iyer, Proprietor, Sree Saraswathy Stores, Thycand, Trivandrum
- 65 V. M Noohu, Book Sellers, Ansari Book Stall, Nilamel.
- 66 A. Narayanan Potti, Book Seller, Near Civil Station, Quilon-9.
67. G. Prabhakaran Nair, Manager, Premier Book House, Moovattupuzha.
68. Manager, Desabhimani Book House, M. G Road, Trivandrum-1.
- 69 Varikolil P Madhavan Pillai, Jai Hind Books and Office Stationery, Market Junction, Kottarakara
- 70 K. V. Devassy, Manager, Perinthalmanna Printing Works, Perinthalmanna.
71. K Bhaskara Pillai, Praha Book Depot, Attingal P O.
- 72 K A. George, Proprietor, Students Stores, 74/XII Sub Jail Road, Alwaye.
- 73 V. K N Pillai, Polayil Veedu, Manayilkulangara, Quilon-12
- 74 V Gopinathan Nair, Book Seller, Kacheri Junction, Nedumangad.
- 75 Smt. A. Poornambal, Proprietor, Bhagya Enterprises, M. G. Road. Trivandrum.
76. K. J. Cherian, Manager, Victory Book House, Moovattupuzha.
- 77 M. C. Cherian, M. C. C. Book Depot, Chengannur.
78. M/s Radha Stores, Shoranur.
79. A. T A. Mustafa, Mustafa Book Company, P O Payangad, Cannanore, District.
80. S M. C. Babu, Babu Brothers Book Depot, Alwaye-1.
81. P. C. Cherian, St. Mary's Press and Book Depot, Changanacherry-1.
82. R. Radhakrishnan Nair, Proprietor, Modern Books, Near Boat Jetty Road, Quilon.
83. Smt. K. Thankamma, Contractor of K G 's Book Stall, Kottayam.
84. M. A. Joseph, Proprietor, House of Knowledge Publishers and Book Sellers, Round South, Trichur.
85. V. Krishna Iyer, Retired R T O , T.C. 18/261, Valiachala, Trivandrum.
86. C I. Varghese, son of Chalissery Ittiachan, Central Book Stall, Palace Road, Trichur.
87. M/s New Ladies Fancy Centre, Mannarghat.

NAME OF AGENTS APPOINTED FOR THE SALE OF
GOVERNMENT PUBLICATIONS IN THE KERALA STATE

1. J. S. Paul and Sons, Cannanore.
2. G. Vital Prabhu, News Agent, Manjeswar
3. K. R. Brothers, Calicut.
4. Moulavi Book Depot, Kasargode.
5. Kottayi Gopalan, Tellicherry.
6. Touring Book Stall, Calicut.
7. K. P. Ahmed Kunhu and Bros , Cannanore.
8. Pallipat Stores, Irinjalakuda
9. St. Joseph's Press, Perinthalmanna.
10. George Press, Ottapalam
11. Travancore Law House, Ernakulam.
12. P. K. Brothers, Calicut.
13. C. P. Savankutty Keyi, Vidyodayam Book Stall, Tellicherry.
14. M. V. John, Law Book Seller, Near Civil Courts, Tellicherry.
15. Manager, Higginbothams (Private) Ltd , Trivandrum.
16. Current Books, Publishers and Book Sellers, Trichur
17. Educational Supplies, Book Sellers, Publishers and Printers, Palghat.
18. H. and C. Stores, Dealers in Books, Kunnankulam
19. Manager, Reddiar Press and Book Depot, Trivandrum
20. K. Parameswaran Pillai, Stamp Vendor, Pulimood, Trivandrum.
21. Educational Supplies Depot, Trivandrum
22. Jayachandran Book Depot, Chalai, Trivandrum.
23. S. Subramonia Iyer, Book Seller and Stamp Vendor, Kazhakoottam.
24. S. Krishna Iyer, Stamp Vendor, Ayurveda College view, Trivandrum.
25. N. Parameswaran Pillai, Alummoodu Veedu, Stamp Vendor, Kottarakara.
26. N. Neelakanta Iyer, Stamp Vendor, Padmavilasom Street, Fort, Trivandrum.
27. The Manager, K. V. Press and Book Depot, Main Road, Attingal.
28. K. Bhaskaran Nair, News Agent, Trivandrum.
29. The Proprietor, Kerala Book House, Cranganore
30. K. K. Raghava Menon, Popular Book Depot, Cranganore.
31. C. M. Book Stall, Publishers, Parayil, Kunnankulam.
32. A. Jose, Proprietor, S. V. Press and Book Depot, Neyyattinkara.
33. N. Paramanandam, Proprietor, Ambika Press and Book Depot, Neyyattinkara.
34. The New Order Book Company, Ellis Bridge, Ahmedabad.
35. Pai and Company, Broadway, Ernakulam-1.
36. S. Hariharakrishna Iyer, Vinayaka Book Stall, Pazhavangadi, Trivandrum.
37. K. P. Gopalan, Swaraj Book Stall, Court Road, Quilandy.
38. Ambat Sekhara Menon, Proprietor, Menon Stores, Chittur-Cochin.
39. M. I. Abraham, News Agent and Book Seller, Punalur P. O
40. K. G. Thomas, K. V. Book Depot, Chengannur
41. C. L. Joseph, The National Stores, Thana, Irinjalakuda.
42. N. Krishnamoorthy, Merchant, Mananthoddy.
43. T. I. Joseph and Sons, Prakasam Press and Book Depot, Irinjalakuda.
44. The Proprietor, Pulikottil Publishing House, High Road, Trichur.

[Continued to inside cover.]



GOVERNMENT OF KERALA

ADMINISTRATION REPORT
OF THE
TECHNICAL EDUCATION
DEPARTMENT

FOR THE YEAR 1973-74

**PRINTED BY THE S.G.P. AT THE GOVERNMENT PRESS,
ERNAKULAM—1976**

ADMINISTRATION REPORT
OF THE
TECHNICAL EDUCATION
DEPARTMENT

FOR THE YEAR 1973-74



**The Government of Kerala
1976**



HIGHER EDUCATION (G) DEPARTMENT

G.O. MS. No. 78/76/H. Edn., dated, Trivandrum, 10th June 1976

Abstract:—Administration Report of the Technical Education Department for the year 1973-74—Reviewed—Orders issued.

Read:—Letters No. G5. 3035/75/DTE., dated 14th August 1975, G5. 47888/75 dated 19th February 1976 from the Director of Technical Education.

ORDER

1. Recorded.

2. Dr. C. P. Kuriakose continued as Director, till he was relieved from the department to take charge as Pro-Vice Chancellor of the Cochin University. Dr. S. Vasudev assumed charge of the Director of Technical Education from 1st October 1973. The department was functioning smoothly during the year under review. It was engaged in the efficient propagation of Technical Education in the various fields of Engineering and Technology. The department strove hard to achieve its goal of equipping a large number of people with necessary qualifications for holding various kinds of jobs in different fields of Engineering and Technology.

3. The following institutions (both Government and Private) were under the direct control of the Department during the period under review:—

<i>Name of Institution</i>	<i>No. of Institution</i>
1. Government Engineering Colleges	2
2. Private Engineering Colleges	3 (Excluding Regional Engineering College, Calicut)
3. Government Polytechnics	8
4. Private Polytechnics	6
5. Government Institute of Printing Technology, Shoranur	1
6. Government Women's Polytechnics	3
7. Arts Schools	3

<i>Name of Institution</i>	<i>No. of Institution</i>
8. Junior Technical Schools	21
9. Pre-Vocational Training Centres	4
10. Commercial Schools	2
11. Government Industrial Schools	2
12. Tailoring Trade Schools	2
13. Tailoring and Garment making Training Centres	11
14. Weaving Training Centre	1
15. Composing and Printing Centre	1
16. Book Binding Centres	2
17. Rattan Training Centre	1

There is a Regional Engineering College at Calicut and a Food Craft Institute at Kalamassery, which function as Registered societies. The Department exercised administrative and financial control over them.

4. The State Board of Technical Education as the Co-ordinating agency of Technical Education and Industry continued to function as usual. It is the highest body in the State in regard to Technical Education. The Board consisted of 36 members with the Minister (Education) as Chairman and the Director of Technical Education as the Ex officio Secretary. The Board of studies in Engineering and Technology advised the State Board of Technical Education in academic matters at and below the diploma level. The Board consisted of 13 members, with the Director of Technical Education as Chairman.

5. The academic control in respect of Engineering Colleges rested with the University and that of all the remaining institutions at and below the diploma level rested with the State Board of Technical Education. The Degree examinations were conducted by the University and all the other examinations for awarding diploma or certificates were conducted by the examination wing attached to the Department of Public Instruction on behalf of the Department of Technical Education.

6. Admission to Engineering Colleges and Politechnics etc. were made strictly on the basis of marks secured by the candidates for the qualifying examination as the case may be subject to the principles of reservation laid down by Government for the socially and educationally backward classes and the Scheduled Castes and Scheduled Tribes, nominees from other States, etc.

7. The details of students presented for the final year examination and of the students that passed from the various Government institutions were as shown below:

<i>Name of Institution</i>	<i>No. of Institutions</i>	<i>No. of students presented for the final examination</i>	<i>No. of students passed</i>
Engineering Colleges	2	Degree 198 M.Sc. 34	146 26
Polytechnics	8	581	265
Women's Polytechnics	3	192	93
Institute of Printing Technology	1	24	13
Junior Technical Schools	21	748	314
Arts Schools	3	159	119
Commercial Institutes	2	99	38

8. During the year under report students from various institutions received scholarships, stipend etc. as shown below:—

<i>Institutions</i>	<i>No. of Institutions</i>	<i>No. of students who were in receipt of scholarships</i>	<i>Total amount of scholarship paid Rs.</i>	<i>No. of students who were in receipt of stipend from H.W. Department</i>	<i>Total amount of stipend paid Rs.</i>
Government Engineering Colleges ..	2	268	3,71,397.84	461	3,09,077.55
Private Engineering Colleges ..	3	58	54,496.35	376	3,00,324.90
Government Polytechnics ..	8	26	23,360.00	861	4,11,422.35
Government Women's Polytechnics ..	3	71	30,162.66	323	1,14,650.54
I.P.T., Shoranur ..	1	..	..	48	27,484.75
J.T. Schools ..	21	225	40,906.62	248	1,01,738.70
Art Schools ..	3	51	11,779.45	81	23,445.45
P.V.T. Centres ..	4	129	11,079.71 (Mid day meals)	102	24,144.37
Industrial Schools ..	2	13	6,026.15	20	10,518.41
T and G. M. Training Centres ..	11	..	..	87	46,834.68
Commercial Institutes ..	2	..	..	8	2,063.20

9. The sanctioned annual intake and the total strength of the various institutions are as detailed below:—

<i>Name of Institution</i>	<i>No. of Institutions</i>	<i>Sanctioned annual intake</i>	<i>Total strength</i>
1. Government Engineering Colleges	2	447	1358
2. Private Engineering Colleges	3	336	988
3. Government Polytechnics	8	1259	2690
4. Private Polytechnics	6	756	1767
5. I.P.T. Shoranur	1	30	83
6. Women's Polytechnics	3	290	724
7. J.T. Schools	21	1230	3259
8. Arts Schools	3	136	227
9. Commercial Institute	2	90	189
10. P.V.T. Centres	4	105	295
11. Industrial Schools	2	40	69
12. Tailoring and Garment Making Centres	11	320	303
13. Tailoring Trade Centres	9	122	116

10. Besides the above institutions the department had control over the following institutions also:—

1. *Private grant-in-aid Schools.*—There were 102 grant-in-aid schools during the year under report. They were preparing students for the Kerala Government Technical Examination in various trades like Tailoring, Embroidery, Printing etc. Admission to these institutions was made from both male and female candidates within the age-group of 14-25 who have passed III Form or equivalent. These institutions were paid grant subject to their satisfying the conditions laid down in the grant-in-aid code.

2. *Private Commercial and Engineering Institutions.*—The Private Commercial and Engineering Institutions under the control of the department were being inspected by the departmental staff and recognition awarded. Admission of candidates was done by the private agencies themselves. During the year under report there were altogether 904 recognised commercial institutions and 48 recognised Engineering Institutions.

11. During the year under review an amount of Rs. 46,47,457.10 was paid by way of grant-in-aid to private Engineering Colleges and Polytechnics an amount of Rs. 1,50,000 was incurred by way of grant-in-aid to private Industrial Schools and an amount of Rs. 14,20,000 was paid as grant-in-aid to Regional Engineering College, Calicut. The total receipt and expenditure of the Department during the year under report was Rs. 21,78,547.39 and Rs. 1,54,77,229.79 respectively.

(By order of the Governor)

Dr. V. VENKITANARAYANAN,

Special Secretary to Government.

ADMINISTRATION REPORT OF THE TECHNICAL EDUCATION DEPARTMENT FOR THE YER 1973-74

I. INTRODUCTION

Based on the recommendation of the Special Committee appointed by the Government of India, the Department of Technical Education was formed on 4th September, 1957, for proposing measures for the co-ordination of Technical Education in the State. The Technical Institutions which were controlled by the University and the Department of Industries and Commerce prior to the formation of the Technical Education Department, were brought under the direct control of the Department with a view to co-ordinating technical education in matters of standards, syllabus and examinations. Since then several institutions were started and new courses were introduced.

The following are the categories of institutions (both Government and Private) now under the direct control of this Department.

<i>Name of Institution</i>	<i>No. of Institutions</i>
Government Engineering Colleges	2
Private Engineering Colleges	3 (Excluding Regional Engineering College, Calicut.)
Government Polytechnics	8
Private Polytechnics	6
Government Institute of Printing Technology, Shoranur	1
Government Women's Polytechnics	3
Arts Schools	3
Junior Technical Schools	21
Pre-vocational Training Centres	4
Commercial Schools	2
Government Industrial Schools	2
Tailoring Trade Schools	2
Tailoring and Garment Making Training Centres	11
Weaving Training Centre	1
Composing and Printing Centre	1
Book Binding Centres	2
Rattan Training Centre	1

There is a Regional Engineering College at Calicut and Food Craft Institute at Kalamassery, which function as registered Societies. The Department exercises control over them in respect of grant-in-aid.

The working group for Kerala Annual Plan for 1971-72 at its meeting held at New Delhi recommended that the Directorate of Technical Education should undertake an assessment of the needs of industries for personnel on a continuing basis with a view to design diversified courses from time to time and that the Directorate should establish a special cell for the purpose. The State Board of Technical Education recommended the appointment of a Placement and Guidance Officer for the implementation of the above scheme. Accordingly Government accorded sanction for the creation of the post of a Joint Director and necessary staff for the above work. A Placement and Guidance wing is now functioning attached to this Directorate under the immediate supervision of a Joint Director.

For implementing the scheme of paying salary directly by Government to the staff of the Private Engineering Colleges and Polytechnics in the State, which was till then done by the concerned managements, a new section viz. Direct Payment Section was formed from 1st September 1972 in the Directorate of Technical Education.

Since the formation of the section, the work relating to fixing the pattern of staff and payment of salary to all staff members and other related matters of private Engineering Colleges and Polytechnics are being attended to in this section. The following are some of the work mainly done in the Section

1. Verify and pass the claims relating to pay and allowances of staff of Private Engineering Colleges and Polytechnics.
2. Advise the Director on matters discussed at the Governing Body Meetings, Staff Selection Committee Meetings etc.
3. Issue appropriate orders on appointments and other service matters of the staff and maintenance of registers of salary particulars etc.
4. Attend the related works for the implementation of Contributory Provident Fund Scheme formulated by Government for the benefit of the staff of the Private Engineering Colleges and Polytechnics. Admission of staff members to C.P.F. Scheme, maintenance of accounts relating to their subscription and managements' contribution etc. are also being attended to in this section.

The State Board of Technical, Education Board of Studies in Engineering and Technology and the Staff Council were also functioning during the year under review. Dr. S. Vasudev, Director of Technical Education was the Chairman of the Council. Chairman Sri J. Sisupalan Pillai continued for the Secretary of the Council.

II. ACTIVITIES OF THE DEPARTMENT

The selection and allotment of students to the various technical institutions conducting degree and diploma courses of study, both under Government and Private managements was done by the Department as in previous years.

Grants were disbursed to private Engineering Colleges and Polytechnics after ascertaining eligibility for the same. The Plan Schemes were formulated and implemented by the department. Scholarships to the eligible students who underwent technical education were granted by the department according to various schemes available in the department.

The Private Commercial and Engineering Institutions were controlled by this department by way of granting recognition, after conducting inspection. Thus the department concentrated its activities mainly on imparting technical education through its various Technical Institutions both under Government and Private managements which are engaged in coaching or moulding students for various courses of studies.

III. CONTROL OF THE ACADEMIC MATTERS OF THE INSTITUTIONS

The academic control of all the Institutions under the Directorate at and below the diploma level rest with the State Board of Technical Education. But the academic control of Engineering Colleges rest with the Universities. All Diploma and Certificates Examinations were conducted by the Examination Wing of the Education Department, on behalf of the Board of Technical Education.

IV. DIRECTION

Dr. C. P. Kuriakose continued as the Director, till his assuming charge as Pro-vice Chancellor of Cochin University. Dr. S. Vasudev, assumed charge of the Director of Technical Education from 1st October 1973, Sri V. Kurian Thomas, Deputy Director of the Department who was promoted as Joint Director continued to assist the Director as Placement and Guidance Officer of the Special Cell formulated since October 1972. Sri K. G. Menon, Deputy Director assisted the Director in academic and purchase matters of the Department. Sri M. Padmanabhan took charge as the Deputy Director of the Direct Payment Section on 7th June 1974 Sri M. Kunjukunju, Administrative Officer of the Department retired from service on superannuation on 22nd October 1973 A.N. after handing over the charges to Sri K. G. Menon, Deputy Director. Sri M. K. Krishnan took charge of the post of Administrative Officer in this department on 5th November 1973 until his nomination and appointment as Secretary in the Housing Board. Sri K. G. Menon, Deputy Director held the

additional charge of the Administrative Officer till Sri K. Sankaranarayanan assumed the charge of the Administrative Officer on 21st November 1973. Sri V. B. Kunhalikutty joined in this department on 5th November 1973 as Financial Assistant. Sri K. P. Krishnan and Sri K. Pitchumony Naik continued as Accounts Officers during the year under review.

V. ADVISORY BOARDS

(i) State Board of Technical Education

The main functions of the State Board of Technical Education is to co-ordinate the technical education at State level and to advise the Government and department in matters connected with the Technical Education. The recognition of new institutions and starting of new courses of studies fall within the purview of the board. It is the highest body in the State in regard to Technical Education. The Board consists of the following members:

Minister for Education (Chairman).

Special Secretary to Government,
Higher Education Department,
Government of Kerala.

Secretary to Government,
General Education Department,
Government of Kerala.

Secretary to Government,
Industries Department,
Government of Kerala.

Special Secretary to Government,
Finance Department,
Government of Kerala.

Director of Industries and Commerce,
Trivandrum.

Director of Employment and Training,
Trivandrum.

Director of Collegiate Education,
Trivandrum.

Director of Public Instruction,
Trivandrum.

Chief Engineer,
Public Works Department.

Sri K. M. Bahaddin,
Principal, Regional Engineering College, Calicut.

- Sri P. S. Subramoniam,
Principal, College of Engineering, Trichur.
- Dr. S. Narayana Iyer,
Professor-in-charge, College of Engineering, Trivandrum.
- Sri M. Ramaswamy Iyer,
Senior Architect, Public Works Department, Trivandrum.
- Sri K. Venkitaraman,
Professor in Tele-Communication,
College of Engineering, Trivandrum.
- Dr. M. V. Raghavacharya,
Professor in Chemical Engineering,
College of Engineering, Trichur.
- Sri Kurien John,
Superintendent of Government Presses, Trivandrum.
- Sri D. Bhaskaran Nair,
I Grade Professor of Commerce,
Government College, Chittoor.
- Sri A. Sreedhara Menon,
Registrar, University of Kerala.
- Dr. C. P. Kuriakose,
Pro-vice Chancellor, Cochin University.
- Sri T. P. Kuttiamu,
Dean, Faculty of Engineering, Calicut University.
- Prof. S. Sampath,
Deputy Director, I.I.T., Madras.
- Sri K. I. Idicula,
FIE Rtd. Chief Engineer,
Kandathil, Jawahar Nagar, Trivandrum.
- Assistant Educational Adviser (T),
Southern Regional Committee,
First Floor, Shastri Nagar,
35 Haddows Road, Madras
- Dr. C. L. Amba Rao,
Head,
Structural Engineering and Applied Mathematics Division,
SSTC, VSSC, Thumba.
- Prof. Aliyas Varghese,
M.A. College of Engineering, Kothamangalam.
- Sri P. S. Namboodiri, Ex. M.L.A.,
Amballur P.O., Trichur (Via).
- Sri A. K. Kaderkutty,
Managing Director, Western India Plywood Ltd.,
Baliapattam, Cannanore District,

- Sri K. Abdulla,
Head of Section, S.S.M. Polytechnic, Tirur-5.
- Sri C. I. Mathew,
Government Polytechnic, Kalamassery.
- Sri R. Govinda Menon,
Principal, N.S.S. College of Engineering, Palghat.
- Sri N. Bhaskara Kurup,
Principal, N.S.S. Polytechnic, Pandalam.
- Sri T. K. Surendran,
Superintendent, J.T.S., Kodungallur.
- Sri C. M. Francis,
Managing Director, Trivandrum Spinning Mills,
Balaramapuram, Trivandrum.
- Sri N. Ramakrishnan,
Deputy Secretary (Education),
Government of Kerala.
- The Director of Technical Education
(Secretary).

(ii) Board of Studies in Engineering and Technology

The Board of Studies in Engineering and Technology advise the S.B.T.E. in academic matters at and below the Diploma level. The board consists of the following members:

1. Director of Technical Education, Kerala (Chairman).
2. Director of Public Instruction, Kerala.
3. Chief Engineer (General), P.W.D., Trivandrum.
4. Chief Engineer (Electricity), K.S.E. Board.
5. Sri G. G. Salem, Principal, Government Polytechnic, Kottayam.
6. Sri Ramavarma Appan Thampuran, Senior Lecturer, Government Polytechnic, Cannanore.
7. Sri K. Abdulla, Principal, S.S.M. Polytechnic, Tirur.
8. Dr. M. V. Raghavacharya, Head of Department of Chemical Engineering, College of Engineering, Trichur.
9. Sri N. Bhaskara Kurup, Principal, N.S.S. Polytechnic, Pandalam.
10. Sri P. M. Janaranjanadesan, Professor of Commerce, Government Arts College, Trivandrum.
11. Head of Department of Mechanical Engineering, Engineering College, Trivandrum.
12. Sri P. S. Subramoniam, Principal, Engineering College, Trichur.
13. Sri George Pettah, Principal, M.T.I., Trichur.

VI. ADMISSION TO ENGINEERING COLLEGES, POLYTECHNICS, WOMEN'S POLYTECHNICS AND JUNIOR TECHNICAL SCHOOLS

1. Engineerin Colleges

Admission to all the seats in the two Government Engineering Colleges and 85 per cent of the seats in the three Private Engineering Colleges in the State was made by a committee consisting of the Principals of Engineering Colleges, Chairman, Kerala State Electricity Board, Chief Engineer (General and Irrigation), Registrar, University of Kerala and the Director of Technical Education. The committee was assisted by a special staff attached to the Directorate of Technical Education appointed for the purpose.

Admission to Engineering Colleges was made strictly on the basis of marks secured by the candidates for the Pre-Degree Examinations or the qualifying Examination, as the case may be subject to the principles of reservation laid down by Government for the Socially and Educationally backward classes and the Scheduled Caste/Scheduled Tribes, Sports Council nominees and nominees from other States.

2. Polytechnics

The selection of candidates for admission to all the Polytechnics in the public sector, Institute of Printing Technology and 85 per cent seats in the six Private Polytechnics was made by a committee consisting of the Principals of Polytechnics and Institute of Printing Technology, Shoranur and Director of Technical Education with the assistance of the Directorate staff deputed for the purpose.

The selection of candidates for admission was made strictly on the basis of marks obtained for Mathematics and General Science in the S. S. L. C. / J. T. S. L. C. Examination subject to the principles of reservation of seats fixed by Government for Socially and Educationally backward classes and Scheduled Caste/Scheduled Tribes.

3. Women's Polytechnics

The selection of candidates for admission to the three Women's Polytechnics was also made by a committee consisting of the Principals of Polytechnics and the Director of Technical Education with the help of the Directorate staff. The method of selection was the same as that followed for Engineering Colleges and Polytechnics.

4. Junior Technical Schools

The admission to all the twenty-one Junior Technical Schools was made on the basis of marks obtained for the VII Standard Examination and subject to the principles of reservation of seats to Backward

Classes, Scheduled Castes and Scheduled Tribes laid down by Government. The selection was made by the Superintendents of the respective Schools.

5. Private Grant-in-aid-Schools

There were 102 grant-in-aid schools during the year under report. They were preparing students for the Kerala Government Technical Examinations in various trades like Tailoring, Embroidary, Printing etc.

Admission to these institutions was made from both male and female candidates within the age group of 14-25 who have passed III Form or equivalent. These institutions were paid grant subject to their satisfying the conditions laid down in the grant-in-aid code.

6. Private Commercial and Engineering Institutions

The Private Commercial and Engineering Institutions under the control of the department were being inspected by the departmental staff and recognition awarded. Admission of candidates was done by the private agencies themselves. During the year under report there were altogether 904 recognised Commercial Institutions and 48 recognised Engineering Institutions.

7. (A) List of Government Institutions

1. College of Engineering, Trivandrum.
2. College of Engineering, Trichur.
3. Government Polytechnic, Cannanore.
4. Kerala Government Polytechnic, Calicut.
5. Government Polytechnic, Perinthalmanna.
6. Maharaja's Technological Institute, Trichur.
7. Government Polytechnic, Kalamassery.
8. Government Polytechnic, Kottayam.
9. Central Polytechnic, Trivandrum.
10. Sree Rama Polytechnic, Valapad.
11. Women's Polytechnic, Trivandrum.
12. Women's Polytechnic, Trichur.
13. Women's Polytechnic, Calicut.
14. School of Printing Technology, Shoranur.
15. Junior Technical School, Attingal, P. V. T. C. attached.
16. Do. Nedumangad
17. Do. Adoor
18. Do. Ezhukone
19. Do. Shertallai
20. Do. Krishnapuram
21. Do. Palai
22. Do. Pampady

23.	Junior Technical School,	Perumbavoor	
24.	Do.	Kunnamkulam	
25.	Do.	Kodungallur	P.V.T.C. attached
26.	Do.	Shoranur	
27.	Do.	Manjeri	do.
28.	Do.	Koratty	
29.	Do.	Chittur	
30.	Do.	Calicut	
31.	Do.	Badagara	
32.	Do.	Gannanore	do.
33.	Do.	- Trichur	
34.	Do.	Mattannur	
35.	Do.	Cheruvathur	

ARTS INSTITUTIONS:

36. School of Arts, Trivandrum
37. Ravi Varma School of Painting, Mavelikara
38. Government Occupational Institute, Trichur

COMMERCIAL SCHOOLS:

39. Diploma Course in Shorthand and Typewriting, Trivandrum
40. Government Commercial Institute, Ernakulam

TAILORING AND GARMENT MAKING TRAINING CENTRE/TRAINING CENTRES:

41. Tailoring and Garment Making Training Centre,
Pattom, Trivandrum
42. Do. Thevally, Quilon
43. Do. Kanjikuzhi, Kottayam
44. Do. Tripunithura
45. Do. Narakkal
46. Do. Trichur
47. Do. Badara
48. Do. Palghat
49. Do. Dharmadam
50. Do. Payyannur
51. Do. Kondotty

INDUSTRIAL SCHOOLS:

52. Government Industrial School, Irinjalakuda
53. Do. Wadakkancherry

TAILORING TRADE SCHOOLS:

54. Tailoring Trade School, Devikulam
55. Do. Haripad
56. Tailoring Training Centre, Parassala
57. Do. Pachallur
58. Do. Karimkulam
59. Do. Kanjiramkulam

60. Tailoring Training School, Maranallur
61. Do. Chirayinkil
62. Do. Chengannur
63. Rattan Training Centre, Paraniyam
64. Book Binding Centre, Kulathur
65. Composing and Printing Centre, Vattiyookavu
66. Book Binding Centre, Palkulangara
67. Weaving Training Centre, Aralumoodu

PRE-VOCATIONAL TRAINING CENTRES:

68. P. V. T. C. Attingal (Attached to J. T. S. Attingal)
69. Do. Kodungallur (Attached to J. T. S. Kodungallur)
70. Do. Manjeri (Attached to J. T. S. Manjeri)
71. Do. Cannanore (Attached to J. T. S. Cannanore)

B. List of Private Engineering Colleges and Polytechnics

72. Thangal Kunju Musaliyar College of Engineering, Quilon
73. Mar Athanasius College of Engineering, Kothamangalam
74. N.S.S. College of Engineering, Palghat
75. Sree Narayana Polytechnic, Kottiyam, Quilon
76. N.S.S. Polytechnic, Pandalam
77. Carmel Polytechnic, Alleppey
78. Thiagaraja Polytechnic, Alagappanagar
79. S.S.M. Polytechnic, Tirur
80. Swami Nityananda Polytechnic, Kanhangad

C. Institutions under Registered Societies Act

81. Regional Engineering College, Calicut
82. Food Craft Institute, Kalamassery

8. (A) Activities of Government Institutions

1. *College of Engineering, Trivandrum.*—The following Degree Courses and Post-graduate Courses were conducted in the Engineering College, Trivandrum.

(i) 4 years B Sc. (Engg.) Degree Course in Civil Mechanical, Electrical, Electronics, Telecommunication and Architecture.

(ii) 4 years Part-time Degree Course in Civil, Mechanical and Electrical for Diploma holders.

(iii) Two years M.Sc. (Engg) Degree Course in Civil, Mechanical, Electrical and Telecommunication.

(iv) Part-time M Sc. Degree Course of 3 years duration for Lecturers of Engineering Colleges.

The sanctioned annual strength for admission to the different branches for the B.Sc. and M.Sc. Degree Courses are furnished below:

(a) 4 year B.Sc. (Engg.) Degree Course	..	192
(b) 4 year Part-time Degree Course	..	45
(c) 2 year M.Sc. Degree Course	..	60
(d) 3 year M.Sc. (Part-time) 2 seats for each branch (only for teachers of Engineering Colleges)	..	6

During the year under review 283 students were admitted in the institutions are detailed below:

4 year Course	..	191
M.Sc.	..	48
Part-time Degree Course	..	44

Of the admissions made 71 belonged to Backward Community and 9 belonged to Scheduled Castes. In total there were 808 students on rolls of which 227 belonged to O.B.C. and 12 belonged to Scheduled Castes.

Ninety-nine students were presented for the final year Degree Examination of which 80 came out successful. 34 students were presented for the M.Sc. Examination and 26 came out successful.

The details of scholarships and stipends awarded to students are as follows:

<i>Name of Scholarship or Stipend</i>	<i>No. of students</i>	<i>Amount paid Rs.</i>
A. Government of India.—		
1. National scholarship	.. 85	76,097
2. National loan scholarship	.. 65	62,200
3. Post-graduate scholarship	.. 60	1,80,000
B. State Government.—		
1. Merit Scholarship to Children of School Teachers	.. 5	5,690
2. Maharajas Scholarship	.. 3	540
C Stipend from Harijan Welfare Department.—		
1. Stipend	.. 227	2,27,000
2. 20 students were given full fee concession as follows: Tuition fee Rs. 360 Special fee Rs. 105:50 and Examination fee Rs. 83	..	10,910

<i>Name of Scholarship or Stipend</i>	<i>No. of students</i>	<i>Amount paid Rs.</i>
3. Boarding and Loading:		
O.E.C. Students	4	6,400
S.C. Students	10	16,000
4. Pocket Money:		
O.E.C. Students	4	400
S.C. Students	10	1,000

Two hostels, one for boys and the other for girls were available with a total admission capacity of 475. During the year under review there were 330 inmates in the hostels.

During the year under report 2,908 books and 300 periodicals worth Rs. 1,05,000 were added to the library.

In the field of extracurricular activities an amount of Rs. 14,724.74 was incurred during the year.

The following members of the staff were deput'd either for Training/Refresher Course/Seminars at various countries/institutions.

Deputed for higher studies, various Universities outside.—

- (1) Dr. S. Krishnan
- (2) M. M. Thomas
- (3) Thomas V. Mathew
- (4) M. Padmanabhan
- (5) A. M. Salim
- (6) S. Hariharan
- (7) Abraham Eipe
- (8) M. H. Agnisarman Namboodiri
- (9) K. N. Ramachandran
- (10) D. Radhakrishnan
- (11) M. Sasikumar
- (12) Asalatha Thampuran
- (13) Rachel Mathew, G.

Seventeen teachers attended the Summer School Programme at various institutions. The following consultancy services were taken up by the institution during the year under report.

(1) Soil investigation and recommendation for foundation of indoor stadium at Trivandrum for the Public Health Engineering Department (Completed).

(2) Soil investigations for industrial structures of Punalur Paper Mills Ltd.

(3) Soil investigation for Cochin By-pass for National Highways.

(4) Soil investigation for Higher Carpentry Wet at C.R.P. Camp site at Pattom.

(5) Foundation investigation for headquarters building of K.S.E.B. at Trivandrum.

(6) Soil investigation for stability of curb and foundation of bridges for Trivandrum—Veli Railway work

(7) Site survey for the Kerala News Print Factory at Vellur, Alleppey.

(8) Site survey for K.S.R.T.C. at Pappanamcode.

Following consultancy services were offered by the Department of Electrical Engineering.

(1) Development of low speed fractional L.P. Motors in Collaboration with Bharath Heavy Electricals Limited.

(2) Data logging system for Travancore Titanium Projects is being developed.

(3) High frequency, train lighting radiator type alternator is developed for Kerala Electrical and Allied Engineering Company, Kundara.

(4) The performance of energy meter of 60 Hz was investigated for United Electrical Industries, Quilon.

Receipt and Expenditure—

		<i>Receipt</i> Rs.	<i>Expenditure</i> Rs.
Institutions	..	3,41,867	32,33,673
Hostel	..	82,518	1,26,392

2. *College of Engineering, Trichur.*— B. Sc. Engineering Degree Course in Civil, Mechanical, Electrical and Chemical branches of 4 years duration was conducted during the year under report. 4 Year Degree Course in Civil, Mechanical, and Electrical (Part-time) with an annual intake of 45 was also conducted. Post-graduate Course in Civil, Mechanical and Electrical Engineering Courses were also conducted.

Sanctioned strength of the institutions was 144 and the actual intake was 144. Of these 36 belonged to Backward Communities and 3 to Scheduled Castes/Scheduled Tribes. The total strength of the institution was 550 with 172 Backward Community students and 6 Scheduled castes/Scheduled Tribes students.

Ninety-nine students were presented for the final examination of which 66 came out successful.

The details of scholarships and stipends paid to students are as follows:—

<i>Name of scholarship/ stipend</i>	<i>No. of students</i>	<i>Amount paid. Rs.</i>
1. National Loan Scholarship ..	18	12,610-00
2. National Merit Scholarship ..	32	34,260-84
3. Stipend paid by Harijan Welfare Department:		
(a) Kumara Pillai Commission Report ..	194	48,258-55
(b) S.C./S.T. students ..	6	5,738-00
(c) O. B. C/O. E. C. ..	6	4,281-00

A hostel with an admission capacity of 400 inmates was available. 230 students were admitted during the year and there were only 196 students at the end of the year under report.

Four hundred and twenty-four books worth Rs 29,045-80 were added to the library raising the total number of books to 13,667 at the end of the year.

In the field of extracurricular activities an amount of Rs. 3,456 was spent during the year under report.

The following 3 members of the staff were selected for Ph. D. Course under Quality Improvement Programme.

- (1) Sri D. Balakrishnan, Professor.
- (2) ,, A. M. Mustafa, Assistant Professor.
- (3) ,, C. H. Abdul Bhakari, do.

Six members of the staff have been selected for P. G. Course under Quality Improvement Programme.

- (1) Smt. K. Indira, Lecturer.
- (2) Sri T. N. Padmanabhan Nambiar, Lecturer.
- (3) ,, K. P. Mohandas, Lecturer.
- (4) ,, M. Mathew, Lecturer.
- (5) ,, C. E. Krishnan, Lecturer.
- (6) ,, V. A. Sudhakaran, Lecturer.

Receipts and Expenditure—

	<i>Receipt Rs.</i>	<i>Expenditure Rs.</i>
Institution ..	1,41,378.00	24,40,911-60
Hostel ..	28,490.00	1,45,100-00

3. *Government Polytechnic, Cannanore.*— 3 Year Diploma Courses in Civil, Mechanical, Electrical Engineering and Textile Technology were conducted in the institution during the year under report. The sanctioned strength of the institution for Engineering subjects is 108 and for textile technology is 30. During the year 138 students were admitted and the total strength of the institution was 275. Of the total students admitted 99 belonged to B. C. and 3 belonged to S.C./S.T. Among the total number of students on rolls, there were 208 belonged to B. C. and 3 belonged to S.C./S.T.

Out of 42 students appeared for the final year examination 24 came out successful.

The total intake capacity of the hostel attached to the institution is 180 and only 36 students were admitted during the year under report. Thus the number of total inmates of the hostel is 54.

Details of scholarship, stipends etc—

<i>Name of scholarship/ stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Government of India Scholarship to S.C./S.T. students	4	2,600.00
2. Stipend from H. W. Dept. (S.E.B.C.)	190	26,854.67
3. Stipend to O. E. C. students	7	4,200.00

Adding 154 books worth Rs. 2,114.50 purchased during the year under report, the total number of books in the library is 3,726.

Students agitations of serious nature had not been taken place in respect of the institution during the year under review.

Sri V. K. Mohamood, Head of Civil Engineering is a member of I. S. T. E. His name was included in the panel of valuer by L. I. C. and Income Tax Department by Government of India. He was also the consultant regarding the preparation of plans of Administrative Block and Hostel of Swamy Nithyananda Polytechnic, Kanhangad. Sri B. Abdul Jalal, Lecturer in Mechanical Engineering was a member of I.S.T.E.

The total receipt of the institution including the hostel attached to the institution during the year under review is Rs. 75,750 and expenditure Rs. 4,51,303.45.

4 *Kerala Government Polytechnic, Calicut.*— 3 Year Diploma Course (full-time) in Civil, Mechanical, Electrical and Chemical Engineering and 4 years Part-time Diploma Courses in Civil, Electrical and

Mechanical were conducted during the year under review in the institution.

The sanctioned strength of the institution was 198 for full-time course and 48 for part-time course. During the year under report, 198 students were admitted for the full-time course and 43 students were admitted for the part-time course of whom 114 belonged to B.C. and 21 belonged to S.C./S.T. The total strength of the institution was 506 with 285 B.C. students and 41 S.C./S.T. students on the rolls.

Ninety-two students appeared for the final year examination and 49 came out successful.

In the hostel attached to the institution with an intake capacity of 280, there were 133 inmates during the year under review.

Details of Stipend and Scholarship—

<i>Name of stipend</i>	<i>Number of students</i>	<i>Amount Rs.</i>
1. Stipend from Harijan Welfare Department		
(a) the S.E.B.C. students ..	213	98,773.49
(b) the forward caste students ..	6	3,023.78
2. Educational concession:—		
(a) to the S.C./S.T students ..	41	42,487.60
(b) to the O.E.C. students ..	8	5,947.90

One hundred and thirty books were purchased during the year under review in which 200 numbers of books were received free of cost from British Council. The amount spent on this account is Rs. 2,151.40. The total number of Library books is 5,311.

The Kerala Government Polytechnic, Calicut team participated in the District Basketball and Football league tournaments and in the Volleyball, Basketball, Table Tennis and Athletics in the K.T.I.A.A. tournaments during the year under report. This institution was the winners of the Basketball and Table Tennis. The team participated in the District Amateur Athletic Championship. An amount of Rs. 6,531.44 was spent during the year under review.

Details of persons deputed for Training Course—

<i>Name of person</i>	<i>Name of training deputed for</i>	<i>Duration of training</i>
1. Sri R. C. George	Refresher Course for N.C.C at N.C.C, OTS Kaurtee	1 month
2. Sri N. Balakrishnan Nair, Assistant Lecturer.	Sponsored for University Summer School Programme at Nachi Muth, Polytechnic, Pollachi	4 weeks
3. Sri M. N. Ramakrishnan Nair, Assistant Lecturer	Sponsored for University Summer School Programme at Government Polytechnic, Bihar	do.
4. Sri M. S. Joseph, Assistant Lecturer	Sequential Summer School Course at M.N.R Engineering College, Allahabad	do.
5. Sri M. Madhavan, Lecturer	Summer School Training at L. D. College, Allahabad	do.

During the year under report there was statewide student strike under the leadership of A.K.P.S.A.

The total receipt of the institution including the hostel attached to the institution during the year under review is Rs. 1,75,500·58 and total expenditure is Rs. 8,57,181·84.

5. *Government Polytechnic, Perinthalmanna*:—3 Year Diploma Courses in Civil, Electrical and Mechanical Engineering were conducted in the institution during the year under report.

The sanctioned annual intake of the institution was 96 against which 96 students were admitted during the year under review. The total strength of the institution was 181. There were 10 students belonging to Scheduled Castes/Scheduled Tribes and 53 students belonging to Other Backward Community among the students admitted during the year. On the rolls there were 18 students belonging to Scheduled Castes/Scheduled Tribes and 103 students belonging to Other Backward Community.

The students were paid the following Scholarships and Stipends—

<i>Name of scholarship</i>	<i>Number of students</i>	<i>Amount paid Rs.</i>
1. Stipend for O.E. C. & S.C/S.T. ..	21	14,394·12
2. S.E.B.C. Concessions (Stipend .. from H.W. Department).	84	16,708·55

An amount of Rs. 1,000 is spent for extracurricular activities of the institution.

Thirty-one students appeared for the final year examination and 19 came out successful.

A hostel which could accommodate 180 students was functioning with 61 inmates.

Smt. C. Lalithamma and Sri V. Ramakrishnan, Assistant Lecturers were deputed for refresher courses under C.I.P. sponsored by T.T.T. Institute, Madras in the Engineering College, Trivandrum, Government Polytechnic, Kottayam respectively during the year under report.

During January and February 1974 there was a strike by students under the leadership of A.K.P.S.A.

The total receipt of the institution including the hostel attached to that is Rs. 43,030.20 and total expenditure is Rs. 4,00,907.

6. *Maharajas Technological Institute, Trichur.*—Three Year Diploma Courses and Four Year Part-time Courses in Civil, Mechanical and Electrical Engineering were conducted during the year under report in the institution. The sanctioned intake of the institution was 96 for full-time course and 48 for part-time course. During the year under report 96 students were admitted for the full-time and 43 students for the part-time courses of whom 64 belonged to Other Backward Community and 9 to Scheduled Castes/Scheduled Tribes. The total strength of the institution was 323, with 142 Other Backward Community students and 21 Scheduled Castes/Scheduled Tribes students.

Fifty-three students were appeared for the final year examination and 17 came out successful.

In the hostel attached to the institution with an intake capacity of 108, there were 88 inmates during the year under review.

Details of Scholarship/Stipend etc.—

<i>Name of scholarship</i>	<i>Number of students</i>	<i>Amount Rs.</i>
1. Government of India Scholarship (Central Government)	19	18,620.00
2. State Concessions to O.E.C.	2	1,960.00
3. Stipends paid by Harijan Welfare Department (concessions under)	83	41,950.00

Adding 115 books worth Rs. 1,500 purchased during the year under review, the total number of Library books is 5,252. The total receipt of the institutions including the hostel attached to the institution is Rs. 65,952 and expenditure is Rs. 5,81,220.

The Maharaja's Technological Institute has participated in the following Inter-Poly tournaments:

- (1) Table Tennis (Boys) (Reached upto the semi final).
- (2) Shuttle Badminton (Boys) (Reached up to the semi final).
- (3) Ball Badminton (Boys).
- (4) Volleyball (Boys).
- (5) Football (Boys) (list in the second round).
- (6) Tenni Koit (Girls) (list in the semi final).
- (7) N.C.C. Training is also given to the students.

S/Sri C. Radhakrishnan, P. V. Mathai and M. Valsalan, Lecturers were deputed for training in T.T.T.I., Madras.

The Principal is a member of the Board of Studies of Technical Education Department, Syllabus Sub-Committee of the above Board of Studies and the Staff Selection Board of Seethi Sahib Memorial Polytechnic, Tirur.

7. *Government Polytechnic, Kalamassery.*—Following courses of study were conducted in the institution during the year under report:

- (1) Three Year Full-time Diploma Courses in Civil, Mechanical, Electrical, Automobile and Chemical Branches of Engineering and
- (2) Part-time Diploma Courses in Civil, Mechanical and Electrical branches of Engineering.

The sanctioned strength of the institution was 182 for full-time course and 48 for part-time course. During the year under review 182 students were admitted for the full-time and 42 students for the part-time courses of whom 114 belonged to O.B.C. and 13 were S.C./S.T. students.

166 students were presented for the final year examination and 59 came out successful.

In the hostel attached to the institution with an intake capacity of 154, there were 127 inmates during the year under review.

Details of Scholarships/Stipends etc.—

<i>Name of scholarship</i>	<i>No. of students</i>	<i>Amount Rs.</i>
1. National Loan Scholarship ..	2	1,440·00
2. National Merit Scholarship ..	1	700·00
3. Socially and Educationally Backward Class ..	261	1,15,042·21
4. Stipend from Harijan Welfare Department (S.C./S.T.) ..	14	13,373·05
5. Other Eligible Community—student ..	1	1,131·31

341 Books worth Rs. 945·48 were added to the library raising the total number of books to 5,695.

Sri S. Salim, Assistant Lecturer was deputed to Technical Teachers' Training Institute, Madras for B. Tech. Course during the year under review.

Total receipt of the institution including the hostel was Rs. 20,072 50 and the total expenditure was Rs. 8,66,666·52.

Principal has membership in the Polytechnic Advisory Committee and in the State Board of Technical Education.

8. *Government Polytechnic, Kottayam.*—Full-time Diploma Courses in Civil, Mechanical and Electrical branches of Engineering were conducted in the institution during the year under review. The sanctioned annual intake of the institution was 96. During the year under report 96 students were admitted to the institution of which 32 belonged to O.B.C. and 6 belonged to Scheduled Castes/Scheduled Tribes. The total strength of the institution was 217 with 87 O.B.C. students and 10 Scheduled Castes/Scheduled Tribes students on the rolls.

Forty-six students were presented for the final year examination of whom 22 came out successful.

In the hostel attached to the institution, 30 students were newly admitted and as such there were 45 inmates during the year under review.

Twenty-seven books worth Rs. 553·45 were added to the library raising the total number of books to 3,386.

An amount of Rs. 27,228·08 was paid towards Scholarships/Stipends to 96 students during the year under report.

The following Officers were deputed for training/refresher course during the year under review:

- (1) Smt. M. A. Chinnamma, D'man, deputed for Technical Teachers' Training at T.T.T I., Madras.
- (2) Sri V. T. Ouseph, Lecturer in Electrical Engineering deputed for N.C.C. Training Programme at Kamptā.

Receipts and Expenditure—

	<i>Rs.</i>
Receipt (including hostel) ..	63,000 92
Expenditure (including hostel) ..	3,84,064·93

9. *Central Polytechnic, Trivandrum.*—Full-time Diploma Courses of 3 years duration and Part-time Diploma Courses of 4 years duration in Civil, Mechanical and Electrical Engineering were conducted in the institution during the year under report. Besides, full-time diploma courses of 3 years duration in Textile Technology and Electronics and a Certificate Course of 2 years duration in Textile Technology were also conducted. Sanctioned annual strength of the institution for all the courses including part-time was 213 as detailed below :—

Full-time ..	150
Part-time (Diploma) ..	48
Certificate Course ..	25
	—
Total	213
	—

255 students including failures were admitted during the year under review. Of them 75 belonged to Backward Community and 26 to Scheduled Castes. On the whole there were 567 students on the rolls of which 159 belonged to Backward Classes and 45 to Scheduled Castes/Scheduled Tribes.

Ninety-seven students were presented for the final year examination of which 60 came out successful as detailed below :—

<i>Number appeared</i>	<i>Number passed</i>
Diploma Course .. 86	52
Certificate Course .. 11	8

In the hostel attached to the institution with an intake capacity of 180, 93 students were admitted. In total there were 98 inmates in the hostel.

157 books worth Rs. 3,050 were added to the library so that the total number of books at the end of the year was 10,218.

Details of Stipends/Scholarships etc.—

<i>Name of stipend</i>	<i>No. of students</i>	<i>Amount Rs.</i>
1. Stipend under Kumara Pillai Commission (S.E.B.C.) ..	159	59,453.17
2. Monthly stipend, Mess charges etc. to Scheduled Caste Scheduled Tribe students from Harijan Welfare Department ..	45	48,191.97

Extracurricular activities.—The institution stood second in the Inter-Polytechnic Athletic Meet. An amount of Rs. 7,328.95 was incurred in the field of extracurricular activities during the year under review.

Deputation for higher studies/Seminars etc.—

(1) Sri M. Abdul Vahab and Sri P. Rajappan Achary have been deputed for Technical Teachers' Training for a period of 1½ years from 30th June 1973.

(2) Sri K. Lakshmanan, Assistant Lecturer was deputed for N.C.C. Pre-Commission Training from 12th October 1973 to 15th January 1974.

Receipt and Expenditure—

	<i>Receipts Rs.</i>	<i>Expenditure Rs.</i>
Institution	70,793.25	7,76,170.78
Hostel	16,747.11	43,016.00

10. *Sree Rama Polytechnic, Valapad.*—Sree Rama Polytechnic, Valapad was started in the year 1958 in the Private Sector and was managed by the Sree Rama Polytechnic Committee under the scheme of assistance from Central and State Government. During the year 1960 the management became incapable of meeting the financial requirement of the institution and the State Government has underwritten the Institution vide G O Rt. No. 35/Edn., dated 4th January 1961. According to the decision taken in the governing body meeting held on 4th April 1966 the institution was taken over by Government with effect from 1st July 1972 as per G.O. Ms. No. 136/72/Edn., dated 30th June 1972 after the registration of the transfer deed with its assets and liabilities.

Three year Diploma Courses in Civil, Mechanical and Electrical Engineering were conducted in the institution during the year under report. Sanctioned intake of the institution for the year 1973-74 was 96.

All seats were filled up by admission during the year under report. Thus total strength of the institution during the year under report was 225. Among the newly admitted students 65 belonged to O.B.C. and 9 belonged to S.C./S.T. Of the total strength of the students 169 belonged to O.B.C. and 17 belonged to S.C./S.T.

Out of 54 students appeared for the final year examination 15 came out successful during the year under report.

Seventeen students were paid an amount of Rs. 7,160 30 as stipend and lump sum grant from the Harijan Welfare Department during 1973-74. An amount of Rs. 27,772.34 was paid to 169 socially and educationally backward students as stipend. An amount of Rs. 1,158 76 has been spent for the purchase of library books during the year under report. The total number of library books in the institution was 1,568. An amount of Rs. 4,809 has been spent for the extracurricular activities of the institution during the year under report.

The total receipt of the institution was Rs. 52,376 and expenditure was Rs. 2,87,813.

Sri K. G. Karunakara Menon, Head of Civil Engineering section has been deputed for the short course in Structural Engineering and Heat Power Engineering conducted in Engineering College., Trivandrum and Sri P. K. Ittoop, Demonstrator in Mechanical Engineering was deputed for the Summer School for Foundry Technology at M.E.I. Polytechnic, Bangalore during the year under report.

11. *Women's Polytechnic Trivandrum.*—Diploma courses in the following subjects were conducted during the year 1973-74

- (1) Diploma in Commercial Practice (3 years).
- (2) Instrument Technology (3 years).
- (3) Costume Design and Dress-making (2 years).

The sanctioned annual intake for Diploma in Commercial Practice was 50 for D.I.T. was 10 and for C.D. and D.M. was 30. All the seats were filled up for D.C.P. Course and Costume Design and Dress-making Course But no admission was made for D.I.T. course for the year under report, as the classes for the 1st year students admitted during 1972-73 were started only by 2/73 due to difficulty experienced in getting staff.

Among the students admitted during the year under report, 46 students belonged to the B.C. and 12 students belonged to S.C./S.T. Of the total strength of 206 students in the institution, 10 students belonged to B.C. and 21 students belonged to S.C./S.T.

Fifty-two students were presented for the final year examination and 20 came out successful.

No hostel is attached to the institution.

Details of State Government Scholarships, Stipends etc.—

<i>Name of scholarship</i>	<i>No. of students sanctionaed</i>	<i>Total amount Rs.</i>
1. Merit-cum-means Scholarship awarded by the D.T.E. ..	19	6,424·70
2. Stipend paid by Harijan Welfare Department ..	121	52,451·27

Adding 88 number of books worth Rs. 1,339·26 purchased during the year under report the total number of books in the library is 1,894.

Team in respect of the institution has participated during the year under report in the All Kerala Inter-Polytechnic Tournaments held at Trichur and Inter-Polytechnic Athletic Meet held at Trivandrum.

Smt. Alice Augustine, Instructor in Costume Design and Cutting has been sent for N.C.C. Training for the year under review.

The total receipt in respect of this institution for the year under report is Rs 5,824·91 and total expenditure is Rs. 1 58,521 54.

12. *Women's Polytechnic, Trichur* —Three Year Diploma Courses in Electronics and Commercial Practice and 2 year Course in Costume Design and Dress Making were conducted during the year under report. The sanctioned annual intake for these courses was 40, 50 and 30 respectively. All the seats were filled up Among the newly admitted students, 50 students belonged to B.C. and 6 students belonged to S.C./S.T. Of the total strength viz. 340 there were 112 B.C. students and 20 S.C./S.T.

Out of the 91 students appeared for the final year examination 49 came out successful.

A hostel with an admission capacity of 80 students was functioning. There were 59 inmates by admitting 24 during the year under report.

The following scholarships and stipends were paid during the year under review.

<i>Name of scholarship, stipend etc.</i>	<i>No. of students sanctioned</i>	<i>Total amount paid Rs.</i>
1. Non-repayable merit-cum-means scholarship ..	22	6,713·10
2. Stipend paid from Harijan Welfare Department		
(a) S.E.B.C. ..	95	25,368·61
(b) S.C. and Kudumbi O.B.C. hostellers ..	17	12,647·40

The expenditure towards the purchasing of library books during the year is Rs. 1,000 and extracurricular activities is Rs. 890.

The total receipt of the institution during the year under report is Rs. 8,853.20 and expenditure is Rs. 1,76,371.30.

13. *Women's Polytechnic, Calicut.*—Three year Diploma Course in Commercial Practice and 2 year Diploma Course in Costume Design and Dress-making were conducted during the year under review. The sanctioned annual intake for these courses was 50 and 30 respectively. The number of students admitted for the year under review are detailed below :

(1) Diploma in Commercial Practice	50
(2) Costume Design and Dress-making	14

Of the students admitted 6 students belonged to S.C./S.T. and 37 belonged to B.C. There were 178 students on the rolls of whom 117 belonged to B.C. and 7 belonged to S.C./S.T.

Forty-nine students were presented for the final year examination and 24 came out successful.

A hostel with a capacity of 70 inmates was functioning with 47 inmates by admitting 43 inmates during the year under review.

Details of Scholarship/Stipend etc.—

<i>Name of scholarship/ stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Government of India Scholarship	14	11,671.58
2. Merit-cum-means scholarship	16	5,353.28
3. Stipend (paid by Harijan Welfare Department)	90	24,183.26

Adding 280 numbers of library books worth Rs. 1,441.90 purchased during the year under review. The total number of library books remained as 1,822.

This institution has bagged the rolling cup in Volleyball, Shuttle Badminton and Ball Badminton in the Inter-Polytechnic Games and also won the championship in the Inter-Polytechnic Athletic Meet during the year under report.

Smt. Lalithamma, II Grade Skilled Assistant has been sent for N.C.C. training at Gwalior from 1st April 1974 to 29th June 1974.

The total receipt of institution including the hostel attached to it during the year under review is Rs. 11,560.73 and expenditure is Rs. 1,25,862.37

14. *School of Printing Technology, Shoranur.*—Three year Diploma Courses in Printing Technology (Letter Press Group) was conducted in the institution during the year under review. The sanctioned annual intake of the above course is 30 and 30 students were admitted for the year under report. Of the admissions made 16 belonged to B.C. and 1 belonged to S.C./S.T. The total strength of the institution during the year under report is 83, of whom 42 belonged to B.C. and 6 belonged to S.C./S.T.

Twenty-four students appeared for the final year examination during the year under report and 13 of them came out successful.

Details of Scholarship, Stipend etc.—

<i>Name of the scholarship/ stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Stipend paid from Harijan Welfare Department	.. 42	22,133-10
2. S.C./S.T. stipend	.. 6	5,351-65

Adding books worth Rs. 612-77 purchased during the year under report, there were 799 books in the library. The expenditure for the extracurricular activities for the year under report in respect of the institution is Rs. 1,550.

Sri S. Purushothaman and Sri K. Jacob George were deputed for a short term refresher course during the year under report.

An agitation of students in connection with the election to students union occurred during the year under report.

The Principal is the member of the following Committees:

(1) Secretary, Advisory Committee of Institute of Printing Technology, Shoranur.

(2) Member of Examination Board for scrutiny of results (Engineering).

(3) Member of K.G.T.E. Board

(4) Member of Government of India Apprenticeship Selection Committee.

Total receipt of the institution during 1973-74 is Rs. 28,812-20 and expenditure is Rs. 1,01,337-61.

15. *Junior Technical School, Attingal.*—J.T. School Leaving Certificate Course of 3 years duration was conducted in the institution during the year under report. Against the sanctioned intake of 60, 49 students were admitted during the year. Of the total number of 170 students on the rolls, there were 105 B.C. students and 12 S.C. students.

Out of 44 students appeared for the final year examination 12 came out successful.

The students were paid the following scholarships.—

	<i>No. of students</i>	<i>Amount Rs.</i>
1. Merit-cum-means Scholarship ..	17	2,971.25
2. Stipend paid from Harijan Welfare Department ..	9	3,406.65

Adding 70 books purchased during the year under report, the total number of library books at the end of the year under report is raised to 641. Youth Festival and Annual Day Celebrations were conducted during the year under report.

The total receipt of the institution during the year is Rs. 2,706.55 and expenditure is Rs. 2,03,776.07.

16. *J.T. School, Nedumangad.*—J.T.S.L.C. course of 3 years duration was conducted in the institution. Against the sanctioned intake of 60, 56 students were admitted during the year under report. Among the newly admitted students 38 belonged to O.B.C and 1 belonged to S.C./S.T. The total strength of the institution was thus 153 among whom 95 students belonged to O.B.C. and 3 students belonged to S.C./S.T.

Thirty-six students appeared for the final year examination and 15 came out successful.

Details of Scholarship/Stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Merit-cum-means Scholarship ..	13	1,984.60
2. Stipend from Harijan Welfare Department ..	25	10,092.95

Adding 43 books worth Rs. 230.65, the total number of library books raised to 984 at the end of the year under report.

The total receipt of the institution is Rs. 755.28 and expenditure is Rs. 1,52,231.55.

17, *J.T. School, Adoor.*—J.T.S.L.C. Course of 3 years duration was conducted in the institution during the year under report. Against

the sanctioned intake of 60 students 52 students were admitted during the year under report. Of among the newly admitted, 7 belonged to O.B.C. and 6 belonged to S.C./S.T. The total strength was 183 students of whom 17 belonged to O.B.C. and 13 belonged to S.C./S.T.

The number of students appeared for the final year examination is 50 among whom 12 students with 2 first class came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
Merit-cum-means scholarship	13	2,232·15
Stipend from Harijan Welfare Department	1	5,212·16

Adding a number of 5 books worth Rs. 34·10 total number of library books was raised to 734 at the end of the year under report.

The total receipt of the institution during the year under report is Rs. 2,571 and expenditure is Rs. 1,74,520.

18. *J. T. School, Ezhukone.*—J.T.S.L.C. course of 3 years duration was conducted in the institution during the year under report. Against the sanctioned intake of 60 students 59 students were admitted during the year. Among the newly admitted students 20 belonged to B.C. and 8 students belonged to S.C./S.T. Of the total strength of 181 students 56 students belonged to B.C. and 27 students belonged to S.C./S.T.

Fifty-two students appeared for the final year examination and 26 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Non-repayable scholarship	9	1,634·30
2. Stipend from Harijan Welfare Department	27	10,715·50

Eighteen books worth Rs. 377·30 has been purchased for the school library during the year under review. The students of this institution took part in the interschool sports at Anchal for which an amount of Rs. 70·50 has been expended.

The total receipt of the institution during the year under report is Rs. 351·07 and expenditure is Rs. 1,56,168·12.

19. *J. T. School, Sherthalai.*—J.T.S.L.C. course of 3 years duration was conducted in the institution during the year under report. Against the sanctioned intake of 60 students 57 were admitted during the year under report. Among the newly admitted students 28 students belonged to B.C. and 5 belonged to S.C./S.T. Of the total strength of 172 students 56 students belonged to B.C. and 13 belonged to S.C./S.T.

Forty-two students appeared for the final year examination during the year under report and 19 came out successful.

Details of scholarship/stipends etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Merit-cum-means scholarship	13	2,600
2. Stipends paid from Harijan Welfare Department	12	5,400

Adding a number of 56 books worth Rs. 197.95 total number of library books raised to 657. Students have an active part in sports and games for which an amount of Rs. 456.72 is expended

Sri P. C. Antony, Draftsman, I grade has been deputed for T.T.T. in Madras.

The total receipt of the institution during the year under report is Rs. 566.96 and expenditure is Rs. 1,63,953.74.

20. *J. T. School, Krishnapuram.*—J.T.S.L.C. course of 3 years duration was conducted in the institution during the year under report. Against the sanctioned intake of 60 students 56 students were admitted during the year under review. Among the newly admitted students 32 students belonged to B.C. and 5 students belonged to S.C./S.T. Of the total strength of 152 students, 79 students belonged to B.C. and 13 belonged to S.C./S.T.

Thirty-three students appeared for the final year examination and 8 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Merit-cum-means scholarship	6	902.24
2. Stipend from Harijan Welfare Department	13	2,604.88

The total number of library books at the end of the year under report is 320. Students have an active part in sports and games.

Sri P. M. Balakrishna Pillai, Workshop Foreman was deputed for T.T.T. in Madras.

The total receipt during the year under review is Rs. 3,537.26 and expenditure is Rs. 1,67,029.73.

21. *J. T. School, Palai*.—J.T.S.L.C. course of 3 years duration was conducted during the year under review. Against the sanctioned annual intake of 60, 54 students were admitted. Among the newly admitted students 20 students belonged to B.C. and 2 belonged to S.C./S.T. Of the total strength of 134 students 50 belonged to B.C. and 12 belonged to S.C./S.T.

Twenty-eight students appeared for the final year examination and 5 students came out successful.

Details of scholarship/stipends etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Non-repayable scholarship	14	2,295.75
2. Stipend paid from Harijan Welfare Department	16	6,054.34

Sri R. Sidharaman, Workshop Instructor has been deputed for Technical Teachers' Training at Madras. Students were on strike from 22nd October 1973 to 18th November 1973 for securing reservation of seats for J. T School students in Polytechnics. The students have withdrawn their strike from 19th November 1973.

The total receipt of the institution during the year under review is Rs. 722.45 and expenditure is Rs. 1,44,815.23.

22. *J. T. School, Pampady*.—J.T.S.L.C. course of 3 years duration was conducted in the institution during the year under report. Against the sanctioned annual intake of 60 students 58 students were admitted during the year under report.

Among the newly admitted students 13 students belonged to B.C. and 9 belonged to S.C./S.T. Of the total strength of 154 students, 27 students belonged to B.C. and 23 belonged to S.C./S.T.

Twenty-five students appeared for the final year examination and 9 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Merit-cum-means scholarship	15	2,740
2. Stipend paid from Harijan Welfare Department	20	8,222

The number of library books at the end of the year under report is 510. Students have an active part in sports and games for which an amount of Rs. 165 has been expended.

Sri P. S. Harigopan, Workshop Foreman was deputed for T.T.T. at Madras and rejoined duty during December 1973 after successful completion of the training. At present he has been transferred to the State Institute of Education, Trivandrum.

The total receipt of the institution during the year under review is Rs. 476 and expenditure is Rs. 1,73,135.

23. *J. T. School, Perumbavoor.*—J.T.S.L.C. course of 3 years duration was conducted in the institution during the year under report. The sanctioned intake of the institution was 60. All the seats were filled up. Among the newly admitted students, 20 belonged to Backward Community and 3 belonged to Scheduled Castes/Scheduled Tribes. Of the total strength of 165 students, 63 belonged to Backward Community and 7 belonged to Scheduled Caste/Scheduled Tribes.

Forty-one students appeared for final year examination and 18 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Merit-cum-means scholarship	16	3,200
2. Stipend from Harijan Welfare Department	7	3,150

The total number of library books during the year under report was 551.

Sri K. Sukumaran Nair, Workshop Instructor (Ele.) has been deputed for T.T.T. at Madras and Sri E. V. Georgekutty, I Grade Draftsman attended the summer school at Mysore during the vacation of 1973-74. Sri V. M. Velayudhan, II year student got selection to participate in the National School Games proposed to be held at Jaipur and he got State II place in the High Jump Event.

The total receipt of the institution under report was Rs. 432·12 and expenditure was 1,48,413 43.

24. *J. T. School, Kunnamkulam.*—J.T.S.L.C. Course of 3 years duration was conducted during the year under report. Against the sanctioned annual intake of 60, 59 students were admitted during the year under review. Among the newly admitted students 18 belonged to Backward Community and 8 belonged to Scheduled Caste/Scheduled Tribes. Of the total strength of the institution i.e. 170 students, 70 belonged to Backward Community and 20 belonged to Scheduled Caste/Scheduled Tribes.

Thirty-nine students appeared for the final year examination and 4 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Stipend paid from Harijan Welfare Department	1	161·02

Adding a number of 62 library books worth Rs. 200·44 purchased during the year under report, total number of library books at the end of the year under review raised to 696. An amount of Rs. 230 was spent for sports and other extracurricular activities.

The total receipt of the Institution during the year under review was Rs. 2,080·82 and total expenditure was Rs. 1,74,832·08.

25. *J. T. School, Kodungallur.*—J.T.S.L.C. Course of 3 years duration was conducted in the Institution during the year under report. Against the sanctioned annual intake of 60, 54 students were admitted during the year under review. Among the newly admitted students, 46 belonged to Backward Community and 5 belonged to Scheduled Caste/Scheduled Tribes. Of the total strength of 172 students, 143 belonged to Backward Community and 12 belonged to Scheduled Caste/Scheduled Tribes.

Forty-three students appeared for the final year examination and 27 came out successful.

Details of scholarship/stipend etc.

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Merit-cum-means Scholarship	11	2,055·18
2. National Scholarship for talented children of rural areas	1	150·00
3. Stipend paid from Harijan Welfare Department	11	4,612·45

Adding a number of 21 library books worth Rs. 632-55, total number of library books during the year under report raised to 390. An amount of Rs. 60 was expended for the celebration of annual day and sports day.

The total receipt of the institution during the year under report was Rs. 1,198-46 and expenditure was Rs. 1,55,850-63.

26. *J. T. School, Shoranur.*—J.T.S.L.C. Course of 3 years duration was conducted during the year under report. Against the sanctioned annual intake of 60, 44 students could be admitted during the year under report. Among the newly admitted students, 8 belonged to Backward Community and 5 belonged to Scheduled Caste/Scheduled Tribes. Of the total strength of 145 students of the Institution, 16 belonged to Backward Community and 12 belonged to Scheduled Caste/Scheduled Tribes.

Twenty-nine students appeared for the final year examination and 7 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Non-repayable scholarship	9	1,735-55
2. Stipend from Harijan Welfare Department	13	4,140-93

An amount of Rs. 75 was spent for the extracurricular activities of the Institution during the year under report.

The total receipt of the Institution during the year under report was Rs. 436-50 and expenditure was Rs. 1,48,713-91.

27. *J. T. School, Manjeri.*—J.T.S.L.C. Course of 3 years duration was conducted in the Institution during the year under report. Against the sanctioned annual intake of 60, 57 students were admitted during the year under report. Among the newly admitted students, 37 belonged to Backward Community and 9 belonged to Scheduled Caste/Scheduled Tribes. Of the total strength of 173 students in the Institution, 124 belonged to Backward Community and 24 belonged to Scheduled Caste/Scheduled Tribes.

Forty-six students appeared for the final year examination and 15 students came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Non-repayable scholarship	.. 15	2,736-80
2. Stipend paid from Harijan Welfare Department	.. 21	8,202-30

The total number of library books was 542. An amount of Rs. 187·40 was spent for the extracurricular activities of the Institution during the year under report.

Sri S. A. Hamza, II Grade Draftsman has been deputed for Technical Teachers' Training at Madras during the year under report.

The total receipt of the Institution during the year under report was Rs. 481·79 and expenditure was Rs. 1,33,883·56.

28. *J. T. School, Koratty*.—J.T.S.L.C. Course of 3 years duration was conducted in the Institution during the year under report. Against the sanctioned annual intake of 60 students, 51 students were admitted during the year under report. Among the newly admitted students 14 belonged to Backward Community and 5 belonged to Scheduled Caste/Scheduled Tribes. Of the total strength of 171 students in the Institution, 38 belonged to Backward Community and 9 belonged to Scheduled Caste/Scheduled Tribes.

Thirty-eight students appeared for the final year examination and 26 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Merit-cum-means Scholarship ..	17	3,366
2. Stipend from Harijan Welfare Department ..	6	2,952·65

Adding a number of 38 books worth Rs. 467·30 purchased the total number of library books raised to 439, during the year under report.

The total receipt of the institution during the year under review was Rs. 2,097·75 and expenditure Rs. 1,51,621·20.

29. *J. T. School, Chittur*.—J.T.S.L.C. Course of 3 years duration was conducted during the year under report. Against the sanctioned annual intake of 60, 48 students could be admitted during the year under review. Among the newly admitted students 27 belonged to B.C. and 8 belonged to S.C./ST. Of the total strength of 135 students in the Institution 80 belonged to B.C. and 25 belonged to S.C./S.T.

Nineteen students appeared for the final year examination and 4 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Non-repayable scholarship	5	936-45
2. Stipend paid from Harijan Welfare Department	17	7,287-60

Adding a number of 2 books worth Rs. 5-80 purchased during the year under report the total number of library books was raised to 478. An amount of Rs. 53 was spent for extra-curricular activities of the Institution during the year under report.

Sri P. R. Karthikeyan, Draftsman has been deputed for a refresher course during the year under report.

The total receipt of the Institution during the year under review was Rs. 1,444-27 as against an expenditure of Rs. 1,39,841-58.

30. *J. T. School, Calicut.*—J.T.S.L.C. Course of 3 years duration was conducted during the year under report.

The sanctioned annual intake of the Institution was 60 during the year under report. All the seats were filled up. Among the newly admitted students, 35 students belonged to B.C. and 6 belonged to S.C./S.T. Of the total strength of 173 students, 115 belonged to B.C. and 14 belonged to S.C./S.T.

Thirty-four students appeared for the final year examination and 24 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Non-repayable scholarship	12	1,277-65
2. Stipend paid from Harijan Welfare Department	14	4,733-12

Adding 41 books worth Rs. 273-28 purchased during the year under report, total number of library books was raised to 779 at the end of the year under report.

The total receipt of the Institution during the year under report was nil and expenditure was Rs. 1,14,700-57.

31. *J. T. School, Badagara.*—J.T.S.L.C. Course of 3 years duration was conducted during the year under report. The sanctioned

annual intake of the Institution was 30 and all the seats were filled up during the year under report. Among the newly admitted students 24 belonged to B.C. and 1 belonged to S.C./S.T. Of the total strength of 90 students, 32 belonged to B.C. and 5 belonged to S.C./S.T.

Out of the 19 students appeared for the final year examination, 11 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Non-repayable scholarship	8	1,600·00
2. Stipend from Harijan Welfare Department	8	3,600·00

An amount of Rs. 291·60 was spent for purchase of library books during the year under report and thus the total number of library books at the end of the year under report was 571.

Sri P. Kesavan Nair, Instructor in Engineering was deputed for Teachers' Training in Madras.

The total receipt of the Institution during the year under review was Rs. 6,606·69 and expenditure was Rs. 25,368·25.

32. *J. T. School, Cannanore.*—J.T.S.L.C. Course of 3 years duration was conducted during the year under report. Against the sanctioned annual intake of 60, 55 students were admitted during the year under report. Among the newly admitted students, 45 belonged to B.C. and 3 belonged to S.C./S.T. Of the total strength of 155 students of the Institution, 134 belonged to B.C. and 7 belonged to S.C./S.T.

Out of 51 students appeared for the final year examination, 40 came out successful.

Details of schooarship/stipend, etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Non-refundable merit-cum-means Scholarship	14	2,762·90
2. Stipend paid from Harijan Welfare Department	6	2,673·00

By adding 55 library books worth Rs. 394·90 purchased during the year under report, the total number of library books was raised to 810. An amount of Rs. 776 was spent for extracurricular activities for the year under review.

Sri P. K. Mohanan, Instructor in Engineering has attended the inservice programme to J. T. School Teachers during midsummer vacation from 22nd April to 4th May at Regional College of Education, Mysore during the year under report.

The total receipt of the Institution during the year under report was Rs. 681·13 and expenditure was Rs. 1,57,906·84.

33. *J. T. School, Trichur.*—J.T.S.L.C. Course of 3 years duration was conducted in the Institution during the year under review. Against the sanctioned annual intake of 60, 59 students were admitted during the year under report. Among the newly admitted students 18 students belonged to B C. and 6 belonged to S.C./S.T. Of the total strength of 180 students, 54 students belonged to O.B C. and 11 belonged to S.C./S.T. 38 students appeared for the final year examination and 13 students came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Merit-cum-means Scholarship	14	2,748·00
2. Stipend paid from Harijan Welfare Department	11	4,840·00

Adding a number of 41 library books worth Rs. 493·65 purchased during the year under report the total number of library books raised to 511. A sum of Rs. 123·29 was spent for sports and games during the year under report.

The total receipt of the institution during the year under report was Rs. 760·00 and expenditure was Rs. 1,86,708.

34. *J. T. School, Mattannur.*—J.T.S.L.C. Course of 3 years duration was conducted during the year under report. The sanctioned annual intake of the Institution was 60 and all the seats were filled up during the year under review. Among the newly admitted students 42 belonged to B.C. and 4 belonged to S.C./S.T. Of the total strength of 135 students, 67 belonged to B.C. and 11 belonged to S.C./S.T.

Twenty students appeared for the final year examination and 9 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Merit-cum-means scholarship ..	10	1,881·10
2. Stipend paid from Harijan Welfare Department ..	10	4,232·80

By adding 84 library books purchased during the year under reports, the total number of library books at the end of the year under review was raised to 956.

The total receipt of the Institution during the year under report was Rs. 2,600·99 as against an expenditure of Rs. 1,54,196·27.

35. *J. T. School, Cheruvathur.*—J. T. S. L. C. course of 3 years duration was conducted during the year under review. Against the sanctioned annual intake of 60, 46 students were admitted during the year under review. Among the newly admitted students, 23 belonged to B C. and 3 belonged to S.C./S.T. Of the total strength of 126 students, 63 belonged to B C. and 10 belonged to S.C./S.T.

Twenty-one students appeared for the final year examination and 10 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Non-repayable scholarship ..	8	1,462·70
2. Stipend paid from Harijan Welfare Department ..	6	2,396·80

By adding 26 library books worth Rs. 96·45 purchased during the year under review, the total number of library books was raised to 444.

The total receipt of the Institution during the year under review was Rs. 545·50 as against an expenditure of Rs. 1,73,548·60.

36. *School of Arts, Trivandrum.*—The following courses leading to the award of Diploma and Certificates with the sanctioned intake shown against each were conducted in the institution during the year under review.

<i>Name of course</i>	<i>Duration</i>	<i>Sanctioned annual intake</i>
1. Diploma in Drawing and Painting	2 years after passing the Certificate Course	15
2. Diploma in Modelling and Sculpture	do.	5
3. Certificate Course in Ivory and Woodcarving	4 years	4
4. Certificate Course in Silversmithy and Kuftegari work	4 ,,	4
5. Certificate Course in Lacquer work	2 ,,	5
6. Certificate Course in Carpet and Durrie Weaving	2 ,,	5
7. Rattan and Basket making	2 ,,	8

The total strength of Institution during the year under review is 99. During the year under review 46 students were admitted among whom 4 belonged to B.C. and 3 belonged to S.C./S.T. There were 18 students belonging to B. C. and 12 students belonging to S.C./S.T. in the roll.

Sixty students appeared for the final year examination and 53 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Government of India Scholarship for Deaf and Dump	.. 3	1,800
2. Merit-cum-means Scholarship	.. 24	3,840
3. Stipend from Harijan Welfare Department	.. 42	15,120

Thirty books worth Rs. 1,625 were purchased during the year, thus totalling the number of books to 852 by the end of the year under report.

The total receipt of the Institution during 1973-74 is Rs. 1,5,553.91 and expenditure of Rs. 2,08,786 82.

37. *Ravi Varma School of Painting, Mavelikara.*—The following courses were conducted in the Institution:

<i>Course</i>	<i>Duration</i>	<i>Sanctioned intake</i>
1. Post Diploma in Sculpture and Modelling	1 year after diploma	5
2. Diploma in Drawing and Painting	2 years after certificate	15
3. Certificate course in Drawing and Painting	2 years	15
4. Certificate course in Sculpture and Modelling	2 years	5

All seats were filled up during the year under review. Out of 40 students admitted during the year 5 students belonged to B.C. and 7 belonged to S.C./S.T. The total strength of the Institution during the year is 65 out of which 17 belonged to B.C. and 19 belonged to S.C./S.T.

Thirty-nine students appeared for final year examination and 16 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Scholarship for Physically Handicapped	4	2,250-00
2. Kerala Government Merit scholarship	15	2,489-45
3. Stipend from Harijan Welfare Department	19	7,425-45

The total number of library books during the year under review is 106.

The total receipt of this Institution during the year is Rs. 10-25 and expenditure is Rs. 49,086-27.

38. *Government Occupational Institute, Trichur.*—The following courses were conducted during the year under report. The sanctioned intake is shown below under for each course.

<i>Name of course</i>	<i>Duration</i>	<i>Sanctioned strength</i>
1. Certificate Course in Drawing	2 years	15
2. Diploma Course in Drawing	4 "	15
3. Post Diploma Course in Drawing	5 "	15
4. Engraving	5 "	5

All the seats were filled up during the year. The total strength of the institution was 63 among whom 30 students belonged to B.C. and 20 belonged to S.C./S.T.

Out of 60 students appeared for final year examination 50 came out successful.

Details of scholarship/stipend etc.

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Amount Rs.</i>
1. Deaf and Dump (Physically Handicapped)	1	600
2. Merit Scholarship	4	800
3. Stipend from Harijan Welfare Department	20	900

The total receipt of the institution during the year is Rs. 34,706 and the expenditure of Rs. 32,406.

39. *Diploma Course in Short hand and Typewriting.*—Diploma course in Short hand and Typewriting of 2 years duration was conducted as a part-time course. The sanctioned annual intake of the institution was 30. All the seats were filled up during the year under report. The total strength of the institution was 37 among whom 13 students belonged to B.C. and 2 belonged to S.C./S.T.

Out of 45 students appeared for the examination 8 came out successful. Adding 23 books worth Rs. 81.10 the total number of library books is 737.

The total receipt of the Institution during the year under report is Rs. 2,280 and expenditure is Rs. 14454.95.

40. *Government Commercial Institute, Ernakulam.*—The following certificate courses of 2 years duration for preparing student for the Kerala Government Technical Examination were conducted during the year under report:

- (1) Accountancy—Theory and Practical.
- (2) Banking and Commercial Geography.
- (3) Short hand and Typewriting.

The sanctioned annual intake for each course was 60 and 48 seats from each course was filled up during the year under report. Among the newly admitted students 12 belonged to B.C. and 9 belonged to S.C./S.T. Among the 152 students on the rolls during the years 25 belonged to B.C. and 12 belonged to S.C./S.T.

Fifty-four students appeared for the final year examination and 30 came out successful.

Stipend for 8 students amounting to Rs. 2,053·20 were paid from the Harijan Welfare Department. Adding 6 books worth Rs. 82·93 purchased during the year under review, the total number of library book was raised to 1053.

The total receipt during the year under report was Rs. 8,985·75 as against an expenditure of Rs. 36,542·05.

41. *Tailoring and Garment Making Training Centre, Pattom, Trivandrum*—One year course in tailoring and garment making was conducted in the Institution. The sanctioned annual intake was 60 and 48 students were admitted. Among the students admitted, there were 23 B.C. and 11 S.C./S.T. students.

Out of 41 students appeared for the final year examination 31 came out successful.

Stipends from Harijan Welfare Department were given to 22 students at the rate of Rs. 45 per month. The total receipt during the year under report was nil and expenditure was Rs. 12202·38.

42. *Tailoring and Garment Making Training Centre, Thevally, Quilon District*.—One year certificate course in tailoring and garment making was conducted during the year under report, in the Institution. The sanctioned annual intake was 20 and all the seats were filled up during the year under review. Among the newly admitted students, 6 belonged to B.C. and 2 belonged to S.C./S.T.

Nineteen students appeared for the final year examination and 12 came out successful.

Stipends from Harijan Welfare Department were given to 2 students at the rate of Rs. 45 p.m. for 9 months and at the rate of Rs. 60 p.m. for 3 months.

The total receipt of the Institution during the year under report was nil as against an expenditure of Rs. 4,812.

43. *T.G.M. Training Centre, Kanjikuzhy, Kottayam*.—Certificate course of one year duration tailoring and garment making was conducted during the year under report. The sanctioned annual intake of the Institution during the year under report was 20 and all the seats were filled up.

Twenty students appeared for the final year examination during the year under report and 17 came out successful.

44. *Tailoring and Garment making Training Centre, Tripunithura*.—Certificate course of one year duration in tailoring and garment making was conducted during the year under report in the Institution. The sanctioned annual intake was 40 and all seats were filled up.

during the year under report. Among the newly admitted students 19 belonged to O.B.C. and 11 belonged to S.C./S.T.

Thirty-six students appeared for the final year examination and 23 came out successful.

Stipends from Harijan Welfare Department were given to 11 students at the rate of Rs. 45 p.m. for 9 months and at the rate of Rs. 60 p.m. for 3 months.

The total receipt of the Institution during the year under report was Rs. 378 as against an expenditure of Rs. 11,120.13.

45. *T.G.M. Training Centre, Narakkal.*—Certificate course of one year duration in tailoring and garment making was conducted during the year under report. The sanctioned annual intake of the Institution was 40 and all the seats were filled up during the year under report. Among the newly admitted students 12 belonged to O.B.C. and 21 belonged to S.C./S.T.

Thirty-six students appeared for the final year examination and 12 of them came out successful.

Stipends from Harijan Welfare Department were given at the rate of Rs. 45 p.m. for 9 months and at the rate of Rs. 60 p.m. for 3 months for 21 students.

The total receipt of the Institution during the year under report was nil and the expenditure was Rs. 17,916.27.

46. *T.G.M. Training Centre, Trichur.*—Certificate course of one year duration in tailoring and garment making was conducted during the year under report. The sanctioned annual intake of the institution was 40 and all the seats were filled up during the year under report.

Thirty-two students appeared for the final year examination and 15 came out successful

47. *T.G.M. Training Centre, Badagara.*—Certificate course of one year duration in tailoring and garment making was conducted during the year under report. The sanctioned annual intake of the Institution was 20 and all seats were filled up during the year under report. 10 students belonged to O.B.C. and 5 belonged to S.C./S.T.

Nineteen students appeared for the final year examination and 10 came out successful.

Stipend from Harijan Welfare Department were given at the rate of Rs. 45 per mensem for 9 months and at the rate of Rs. 60 per mensem for 3 months to 5 students.

The total receipt of the institution during the year under report was nil and expenditure was Rs. 8,518.37.

48. *T. G. M. Training Centre, Palghat.*—Certificate course of one year duration in Tailoring and Garment making was conducted during the year under report. The sanctioned annual intake of the Institution was 20 and 18 students were admitted during the year under review. Among the students admitted 5 belonged to O.B.C. and 6 belonged to S.C./S.T.

Twelve students appeared for the final year examination and 5 came out successful.

Stipend from Harijan Welfare Department were given at the rate of Rs. 45 per mensem for 9 months and at the rate of Rs. 60 per mensem for 3 months for 6 students. The total receipt of the Institution during the year under report was nil and expenditure was Rs. 3,846 54.

49. *T. G. M. Training Centre, Dharmadam, Tellicherry.*—Certificate course of one year duration in Tailoring and Garment making was conducted during the year under report. The sanctioned annual intake of the Institution during the year under report was 20 and all the seats were filled up during the year under report. 17 students belonged to O.B.C. and 1 belonged to S.C./S.T.

Nineteen students appeared for the final year examination and all of them came out successful.

Stipend from Harijan Welfare Department were given at the rate of Rs. 45 per mensem for 9 months and at the rate of Rs. 60 per mensem for 3 months to 1 student.

The total receipt of the institution during the year under report was nil and expenditure was Rs. 4,450 82.

50. *T. G. M. Training Centre, Payyannur.*—Certificate course of one year duration in Tailoring and Garment making was conducted during the year under report. The sanctioned annual intake of the Institution during the year under report was 20 and all the seats were filled up. 9 students belonged to O.B.C. and 4 belonged to S.C./S.T.

Twelve students appeared for the final year examination and 12 came out successful.

Stipend from Harijan Welfare Department were given at the rate of Rs. 45 per mensem for 9 months and at the rate of Rs. 60 per mensem for 3 months during the year under report for 4 students.

The total receipt was nil and the expenditure was Rs. 6,557-20.

51. *T. G. M. Training Centre, Kondotty.*—Certificate course of one year duration in Tailoring and Garment making was conducted during the year under report. The sanctioned annual intake of the Institution during the year under report was 20 and 17 students were

admitted during the year under report. 3 students belonged to O.B.C. and 1 belonged to S.C./S.T.

Ten students appeared for the final year examination and 6 came out successful.

Stipend from Harijan Welfare Department were given at the rate of Rs. 45 per mensem for 9 months and at the rate of Rs. 60 per mensem for 3 months for 1 student. The total receipt of the institution during the year under report was nil and expenditure was Rs. 6,176·75.

52. *Government Industrial School, Irinjalakuda*.—Certificate course of two years duration in Tailoring and Embroidery was conducted in the Institution during the year under report. The sanctioned annual intake was 20 and all the seats were filled up. Among the newly admitted students 7 belonged to B.C. and 9 belonged to S.C./S.T. The strength of the Institution was 29 among whom 10 belonged to B.C. and 20 belonged to S.C./S.T.

Thirty students appeared for the final year examination and 9 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend etc.</i>	<i>No. of students</i>	<i>Total amount</i>
Stipend paid from Harijan Welfare Department	20	Rs. 10,518·41

The total receipt of the Institution during the year under review was Rs. 128 as against an expenditure of Rs. 14,132·04.

53. *Government Industrial School, Wadakkanchery*.—Certificate course of two years duration in Tailoring and Embroidery was conducted in the Institution during the year under review. The sanctioned annual intake was 20 and all the seats were filled up. Among the newly admitted students, 7 belonged to B.C. and 4 belonged to S.C./S.T. The total strength of the Institution was 40 among whom 20 belonged to B.C. and 13 belonged to S.C./S.T.

Seventeen students appeared for the final year examination and 14 of them came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount</i>
1. Scholarship from Educational Commission	13	Rs. 6,026·15

The total receipt of the Institution during the year under report was Rs. 1,030·91.

54 *Tailoring Trade School, Devicolam.*—Certificate course of one year duration in Tailoring and Garment making was conducted in the Institution during the year under report. The sanctioned annual intake was 18 and 14 students were admitted during the year under report. Among the newly admitted students 7 belonged to O.B.C. and 4 belonged to S.C./S.T.

Twelve students appeared for the final year examination and 4 came out successful.

A sum of Rs. 1,750·65 was paid as stipend from Harijan Welfare Department during the year under report for 4 students.

The total receipt of the Institution during the year under report was nil and the expenditure was Rs. 7,498·16.

55. *Tailoring Trade School, Haripad.*—Certificate course of one year duration in Tailoring and Garment making was conducted in the Institution during the year under report. The sanctioned annual intake of the Institution during the year under report was 20 and all the seats were filled up.

Twenty students appeared for the final year examination during the year under report and 16 came out successful.

56. *Tailoring Training Centre, Parasala.*—Certificate course of one year duration in Tailoring and Garment making was conducted in the Institution during the year under report. The sanctioned intake for the year under report was 13 and all the seats were filled up.

Thirteen students appeared for the final year examination and none passed in the examination during the year under report.

57. *Tailoring Training Centre, Pachalloor.*—Certificate course of one year duration in Tailoring and Garment making was conducted in the Institution during the year under report. The sanctioned annual intake of the Institution was 12 and all the seats were filled up during the year under report.

Among the newly admitted students 7 belonged to O.B.C. and one belonged to S.C./S.T.

Eleven students appeared for the final year examination and 5 came out successful.

An amount of Rs. 585 was paid as stipend from Harijan Welfare Department during the year under report for one student.

58. *Tailoring Training Centre, Karimkulam.*—Certificate course of one year duration in Tailoring and Garment making was conducted in the Institution during the year under report. The sanctioned annual intake was 12 and all the seats were filled up. Among the newly admitted students, 3 belonged to O.B.C. and 6 belonged to S.C./S.T.

Eight students appeared for the final year examination and 3 came out successful during the year under report.

An amount of Rs. 3,259 was paid as stipend from Harijan Welfare Department during the year under report.

59. *Tailoring Training Centre, Kanjiramkulam.*—Certificate course of one year duration in Tailoring and Garment making was conducted during the year under report. The sanctioned annual intake of the Institution was 11 and all the seats were filled up. Among the newly admitted students, 10 belonged to O.B.C. and 1 belonged to S.C./S.T.

Nine students appeared for the final year examination and 7 came out successful during the year under report.

An amount of Rs. 537-75 was paid as stipend from Harijan Welfare Department to one student.

60. *Tailoring Training Centre, Maranelloor.*—Certificate course of one year duration in Tailoring and Garment making was conducted during the year under report. The sanctioned annual intake of the Institution during the year under report was 12 and 11 students were admitted during the year under report. Among the newly admitted students 4 belonged to O.B.C. and 3 belonged to S.C./S.T.

Nine students appeared for the final year examination and 3 came out successful during the year 1973-74.

An amount of Rs. 1,589-89 was paid as stipend from Harijan Welfare Department during the year under report for 9 students.

61. *Tailoring Training Centre, Chirayinkil.*—Certificate course of one year duration in Tailoring and Garment making was conducted during the year under report. The sanctioned annual intake of the Institution during the year under report was 12 and all the seats were filled up during the year under report. Among the newly admitted students, 7 belonged to O.B.C. and 1 S.C./S.T.

Ten students appeared for the final year examination and 7 came out successful during the year under report.

An amount of Rs. 540 was paid as stipend from Harijan Welfare Department during the year under report for one student.

62. *Tailoring Training Centre, Chengannur.*—Certificate course of one year duration in Tailoring and Garment making was conducted in the Institution during the year under report. The sanctioned annual intake of the Institution was 12 and 11 seats were filled up during the year under report.

Eleven students appeared for the final year examination during the year under report and 7 came out successful.

63. *Rattan Training Centre, Paraniyam.*—2 year Certificate course in Rattan training was conducted during the year under report. The sanctioned annual intake of the Institution during the year under report was 8 and all seats were filled up. Among the newly admitted students 6 belonged to S.C./S.T. and 2 belonged to O.B.C.

No students appeared for the final year examination during the year under report.

An amount of Rs. 3,240 was paid as stipend from Harijan Welfare Department during the year under report for 6 students.

64. *Book Binding Centre, Kulathoor.*—2 year Certificate course in Book Binding was conducted in the Institution during the year under report. The sanctioned annual intake of the Centre, during the year under report was 30 and all seats were filled up by admission.

Out of 28 students appeared for the final year examination 25 students came out successful during the year under report.

65. *Composing and Printing Centre, Vattiyorkavu.*—2 year Certificate course in Composing and Printing was conducted during the year under report. The sanctioned annual intake of the Institution was 30 and all seats were filled up during the year under report.

Thirty students appeared for the final year examination and 14 came out successful during the year under report.

66. *Book Binding Centre, Palkulangara.*—2 year Certificate course in Book Binding was conducted during the year under report. The sanctioned annual intake of the Institution was 30 and 25 students were admitted during the year under report.

Out of 22 students appeared for the final year examination 18 came out successful during the year under report.

67. *Weaving Training Centre, Aralummoodu.*—2 year certificate course in Weaving was conducted during the year under report. The sanctioned annual intake of the Institution during the year under report was 15 and 10 seats were filled up. Among the newly admitted students 6 belonged to O.B.C. and 2 belonged to S.C./S.T. No one appeared for the examination from this centre during the year under report.

68. *Prevocational Training Centre, Attingal (attached to Junior Technical School, Attingal).*—Prevocational Training Certificate course of 3 years duration was conducted during the year under review. The sanctioned annual intake of the Institution during the year under review was 30 and all the seats were filled up. Among the newly admitted students, 13 belonged to B.C. and 12 belonged to S.C./S.T. Of the total strength of the Institution i.e. 102, 48 belonged to B.C. and 33 belonged to S.C./S.T.

Out of 36 students appeared for the final year examination, 16 came out successful.

Details of scholarship/stipend etc.—

<i>Name of scholarship/ stipend etc.</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Mid-day meals scholarship (Scholarship from Government of India)	All students	8,415-80
2. Stipend from Harijan Welfare Department	29	10,088-85

Number of library books at the end of the year under review was 761. Conducted Youth Festival and Annual Day Celebrations. The students had their extracurricular activities and students association was functioning

The total receipt of the Institution during the year under report was Rs. 93 as against an expenditure of Rs. 63,249-15.

69. *Prevocational Training Centre, Kodungallur (attached to Junior Technical School, Kodungallur).*—Prevocational Training Certificate course of 3 years duration was conducted during the year under review. The sanctioned annual intake for the course was 30 and 22 seats were filled up during the year under review. Among the newly admitted students 17 belonged to B.C. and 3 belonged to S.C./S.T. On the rolls there were 50 students including 41 B.C. and 7 S.C./S.T. students. The year under report was the II year of the starting the course and hence there was no final year examination.

Details of scholarship/stipend etc.—

<i>Name of scholarship/ stipend etc.</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
Stipend paid from Harijan Welfare Department	56	6,970-82

By adding 8 books worth Rs. 15-30 purchased during the year under report the total number of library books was raised to 35.

The total receipt of the Institution was nil and expenditure was Rs. 47,267-36.

70. *Prevocational Training Centre, Manjeri. (attached to Junior Technical School, Manjeri).*—Prevocational Training Certificate of 3 years duration was conducted during the year under review. The sanctioned annual intake was 30 and all the seats were filled up. The total strength of the Institution was 113. Among the newly admitted students

21 belonged to O B C and 7 belonged to S.C /S.T. Among the total strength of the Institution 81 belonged to O.B.C. and 15 belonged to S.C./S.T.

Eighteen students appeared for the final year examination and 8 came out successful during the year under report. An amount of Rs. 6,183 70 was paid to 15 students as stipend from the Harijan Welfare Department.

The total receipt of the Institution was nil and expenditure was Rs. 40,237.10.

71. *Prevocational Training Centre, Cannanore (attached to Junior Technical School, Cannanore).*—Prevocational Training Certificate of 3 years duration was conducted during the year under review. The sanctioned annual intake was 15 and all seats were filled up. All newly admitted students belonged to B.C. Of the total strength of the Institution i.e. 30, 28 belonged to B.C. and 2 belonged to S.C./S.T.

The first batch of students would go for Public Examination only on March 1975.

Details of scholarship/stipend etc.—

<i>Name of scholarship/ stipend etc.</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Stipend for Mid-day meals	27	2,663.91
2. Stipend from Harijan Welfare Department	2	901.00

The total receipt of the Institution was nil and expenditure was Rs 18,555 during the year under review.

72. *Thangal Kunju Musahar College of Engineering, Quilon.*—4 year Degree Courses in Civil, Mechanical and Electrical Engineering were conducted in the Institution during the year under report. The sanctioned annual intake of the Institution was 144 (48 for each course). All seats were filled up by admission during the year under report and among them 63 students belonged to O.B.C. and 7 belonged to S.C./S.T. The total strength of the Institution at the end of the year under review was 442 among whom 190 students belonged to O.B.C. and 15 belonged to S.C./S.T.

Ninety-three students appeared for the final year examination and 81 students came out successful during the year under review.

The sanctioned intake of the hostel attached to the Institution was 400. 140 students were admitted in the hostel during the year under report and thus the total number of inmates in the hostel at the end of the year under review was 140.

Details of Government of India Scholarship.—

<i>Name of scholarship</i>	<i>No. of students sanctioned</i>	<i>Total amount Rs.</i>
1. Merit-cum-means	..	..
2. National Scholarship	6	4,600 00
3. National Merit Scholarship for the children of School Teachers	3	3,600 00
4. National Loan	13	12,270 00

Details of stipend paid from Harijan Welfare Department.—

<i>Name of scholarship</i>	<i>No. of students sanctioned</i>	<i>Total amount Rs.</i>
1. Educational concessions for S.E.B.C. students	183	1,54,226-55
2. Educational concession for forward community	28	21,876 17
3. Fees, boarding charges, etc. for S.C. students	22	40,063-39

One hundred and thirty books worth Rs. 29-10 was purchased during the year under report and thus the total number of Library books at the end of the year under report was 13,776. An amount of Rs. 6,620 was spent for extracurricular activities of the Institution during the year under review.

Sri F. V. Albin, Assistant Professor has been deputed for Ph. D. under Quality Improvement Programme (I.I.T., Madras), Sri E. K. Bhass, Lecturer has been deputed for M. Tech. under Quality Improvement Programme (Indian Institute of Technology, Madras) and Sri Jasin Thangal, Foreman, Instructor for Technical Teachers' Training (T.T.T., Madras).

The following are some of the important activities of the Institution in the extracurricular field.

1. Conducted Revikumar Memorial Rolling Trophy for Inter-Collegiate Quiz Competition.
2. Conducted Kunjukrishna Memorial Inter-Collegiate Debate Trophy.
3. Conducted a symposium on "An Industrial Revolution in Kerala" on the 18th of March 1974 under the auspices of College Association.
4. A Seminar on "Self-Employment of Engineer" was conducted on 26th March 1974 under the auspices of the Planning Forum.

73 *Mar Athanasius College of Engineering, Kothamangalam.*—Four year Degree Course in Civil, Mechanical and Electrical Engineering were conducted during the year under report in this Institution. Sanctioned strength for each course was 32 (total 96). All seats were filled up by admission during the year under report. Among the newly admitted students 14 students belonged to Backward Class. The total strength of the Institution was 287 among whom 51 belonged to Backward Classes and 2 belonged to Scheduled Castes/Scheduled Tribes.

Forty-one students appeared for the final year examination and 40 came out successful during the year under report.

The sanctioned intake of the hostel attached to this Institution was 270 and 216 students were admitted during the year under report.

Details of Government of India Scholarship.—

<i>Name of scholarship</i>	<i>No. of students sanctioned</i>	<i>Total amount Rs.</i>
National Loan Scholarship .	17	16,490-00
Merit Scholarship ..	8	7,146-35
Stipend paid by Harijan Welfare Department ..	84	75,275-73

Adding a number of 688 books worth Rs. 1,726-41 purchased during the year under report, the total number of Library books is 8,767 in the Institution. An amount of Rs. 5,237-36 was spent for the extra-curricular activities of the Institution during the year under report.

Names and other details of persons deputed for higher studies in Foreign Countries are as follows:—

<i>Name with designation</i>	<i>Name of the Course and Place</i>
1. Sri Thomas Chacko, Assistant Professor, Mechanical Engineering	Industrial Engineering and Management, N.I.T.I.E., Bombay.
2. Sri A. J. Parameswaran Namboodri, Assistant Professor, Mechanical Engineering	Summer School, Mechanical Design, I.I.T., Madras
3. Do.	Industrial Engineering and Management, Bombay
4. Sri Thomas Chacko, Assistant Professor, Mechanical Engineering	Probability in Engineering, I.I.Sc., Bangalore
5. Sri C. M. George, Lecturer, Physics	Solid State Science Technology, I.I.T., Madras

<i>Name with designation</i>	<i>Name of the Course and Place</i>
6. Sri A. P. Kuriakose, Lecturer, Economics	Economics and Industrial Management, I.I.T., Madras
7. Sri T. P. Lukose, Lecturer, Mechanical Engineering	Foundry Science and Engi- neering, I.I.T., Bangalore
8. Sri P. P. Mathews, Lecturer, Civil Engineering	Systems Engineering, P.S.G. College of Technology, Coimbatore
9. Sri John Zachariah, Lecturer, Electrical Engineering	Probability in Engineering, I I.Sc., Bangalore
10. Sri S. Ramakrishnan, Profes- sor, Mathematics	do.

For Higher Studies.—

1. Sri U. Lazar John, Assistant Professor in Civil Engineer- ing	Ph. D. Course in Public Health Engineering
2. Sri P. S. Janahanlal, Lecturer, Electrical Engi- neering	Ph.D. Course in Bio-Medical Engineering
3. Sri N. K. Varghese, Lecturer, Mechanical Engineering	M.Sc. Aeronautics

74. *N.S.S. College of Engineering, Palghat—8.*— Four year Degree Course in Civil, Mechanical and Electrical Engineering were conducted in the Institution during the year under report. The sanctioned strength for each course was 32 (total 96). All seats were filled up by admission during the year under report. Among the newly admitted students 18 belonged to Backward Classes and 2 belonged to Scheduled Castes/Scheduled Tribes. The total strength of the Institution during the year under report was 259 among whom 54 students belonged to Backward Communities and 5 students belonged to Scheduled Castes/Scheduled Tribes.

Forty-three students appeared for the final year examination and 23 students came out successful during the year under report.

The sanctioned intake of the hostel attached to the Institution was 225 and 146 students were admitted in the hostel during the year under report. The total strength of the hostel was 159.

Details of scholarship/stipend etc.—

<i>Name of scholarship/ stipend etc.</i>	<i>No. of students sanctioned</i>	<i>Total amount Rs.</i>
1. National scholarship	2	2,400 00
2. National Loan Scholarship	7	6,790.00
3. University Merit Scholarship	2	1,200 00
4. Stipend from Harijan Welfare Department	59	8,883 06

Adding a number of 84 books worth Rs 3,075 purchased during the year under report, total number of library books at the end of the year under report was 12,096.

The College Union, Arts Club, Literary and Debating Society, Planning Forum, Social Service League, Photographic Club, Audio-visual Club, National Service Scheme, etc., are functioning in the College. Games and sports had very busy activities during the year under report. The college is publishing a magazine "N.S.S. College of Engineering Annual". The Inaugural function of the College Union was held on 18th March 1974. The college participated in C Zone Inter-Collegiate Tournaments in Shuttle Badminton, Volleyball, Basketball, Football, Cricket and Ball Badmidton. In the Central Zone Table Tennis Tournaments the College team won the Zonal Championship. The College participated in the Palghat District League Tournaments in 'A' Division.

Names and other details of persons deputed for Training, Higher Studies etc.—

<i>Name with designation</i>	<i>Name of the Course and Place</i>
1. Sri M. Jayaraman, Lecturer in Mechanical Engineering	For Higher Studies in the University of Tennessee, U.S.A.
2. Sri T. S Jagadeesan, Lecturer in Mechanical Engineering	Summer School in Laboratory Techniques and Experimental Methods, I.I.T., Madras
3. Sri K. Ramachandra Pillai, Lecturer in Electrical Engineering	Digital Electronics for Power Engineers, Indian Institute of Science, Indore
4. Sri T. V. Babu Rajendran, Lecturer in Electrical Engineering.	Summer School under Q.I.P., I.I.T., Madras

<i>Name with designation</i>	<i>Name of the Course and Place</i>
5. Sri K. P. Mukundankutty, Lecturer in Mechanical Engineering	Sequential Summer School in Mechanical Engineering I.I.T., Bombay
6. Sri R. Govindankutty, Lecturer in Mechanical Engineering	do.
7. Sri P. T. Rajan Nambiar, Lecturer in Mechanical Engineering	do.
8. Sri T. V. Babu Rajendran, Lecturer in Electrical Engineering	Summer School in Digital Electronics for Power Engi- neers, Institute of Techno- logy and Science, Indore
9. Sri T. S. Jagadeesan, Lecturer in Mechanical Engineering	Advanced Instrumentation Techniques in Shock Vib- ration and Noise, I I T, Madras
10. Sri K. Prabhakaran, Assistant Professor of Mechanical Engineering	Machinery Science and Applications, University of Roorkee, Roorkee
11. Sri K. K. Padmanabhan, Lecturer in Mechanical Engineering	Factory Management, I.I.T., Kanpur
12. Sri K. Balasubramonian, Lecturer in Electrical Engineering	Teaching Technology, I.I.T., Madras
13. Sri P. M. Sreekumaran Nambissan, Assistant Pro- fessor in Mechanical Engi- neering	Teaching Technology, I I T., Madras
14. Sri P. T. Rajan Nambiar, Lecturer in Mechanical Engineering	Winter School on Mechanical Design, Indian Institute of Science, Bangalore

The Principal of the Institution has been nominated as a Member of the State Board of Technical Education and Research and Development Committee for Kerala State constituted by the Government of India.

75. *Sree Narayana Polytechnic, Kottiyam, Quilon.*—Three year Diploma Course in Civil, Mechanical and Electrical Engineering was conducted in the Institution during the year under report. The sanctioned strength of the Institution was 144 and all seats were filled up by admission during the year under report. Among the newly

admitted students 104 belonged to O.B.C. and 11 belonged to Scheduled Caste/Scheduled Tribe. The total strength of the Institution was thus 356 among whom 239 belonged to O.B.C. and 21 belonged to Scheduled Caste/Scheduled Tribe.

Eighty students appeared for the final year examination and 34 students came out successful.

The sanctioned intake of the hostel attached to the Institution was 115 and 49 students were admitted in the hostel during the year under report. The total number of inmates of the hostel during the year under report was 59. An amount of Rs. 33,336.78 was paid to 43 students as stipend from the Harijan Welfare Department for the year 1973-74.

Adding a number of 10 books worth Rs. 360 purchased during the year under report, the total number of library books at the end of the year was 2008. The Institution has an active part in Football, Volley ball, Basket ball, Cricket ball and other indoor games. An amount of Rs. 3,704.45 was spent for the purpose of extracurricular activities.

Sri S. Devarajan, Demonstrator in Mechanical Engineering has been deputed for Technical Teacher's Training and Sri P. S. Sasikumar, Demonstrator in Electrical was deputed for training in T.T.T.I, Madras during the year under report.

76. *N.S.S. Polytechnic, Mannam Nagar, Pandalam.*—3 year Diploma Course in Civil, Mechanical and Electrical Engineering was conducted in the Institution during the year under report. The sanctioned strength of the Institution was 144 and 141 students were admitted during the year under report. Among the newly admitted students 40 belonged to O.B.C. and 18 belonged to Scheduled Caste/Scheduled Tribes. The total strength of the Institution was 344 during the year 1973-74 among whom 122 belonged to O.B.C. and 33 belonged to Scheduled Caste/Scheduled Tribes.

Eighty-six students appeared for the final year examination and 31 students came out successful.

The sanctioned intake of the hostel attached to the Institution was 90 and 85 students were admitted in the hostel during the year under report. The total inmates of the hostel was eighty-five.

Details of Scholarship/Stipend etc.

<i>Name of Scholarship/ Stipend etc.</i>	<i>No. of students sanctioned</i>	<i>Total amount Rs.</i>
1. National Loan Scholarship from Government of India	1	720
2. Stipend from Harijan Welfare Department	..	45,450.41

Adding a number of 18 books worth Rs. 65.40 purchased during the year under report, total number of library books was 4198. An amount of Rs. 3,118.84 was spent towards extracurricular activities of the Institution during the year under report.

S/Sri K. G. Ravindran Nair, M. K. Ramachandra Kurup and T. E. Divakaran Nair have been deputed for Technical Teacher's Training at T.T.T.I., Madras during the year under report.

Principal of the Institution has membership in the following during the year under report:

- (1) Institution of Engineers (M.I.E.)
- (2) Board of Studies.
- (3) Syllabus Sub Committee.
- (4) Students Advisory Committee.
- (5) Staff Selection Committee of S. N. Polytechnic and Thyagarajar Polytechnic.
- (6) Polytechnic Student Selection Committee.
- (7) State Board of Technical Education.

77. *Carmal Polytechnic, Punnapara, Alleppy.*—3 year Diploma Course in Civil, Mechanical and Electrical Engineering was conducted during the year under report in the Institution. The sanctioned strength of the Institution during the year under report was 144, that is Civil 48, Mechanical 64 and Electrical 32. All seats were filled up by admission during the year under report. Among the newly admitted students 66 belonged to O.B.C. and 13 belonged to Scheduled Caste/Scheduled Tribes. The total strength of the Institution during the year under report was 376 among whom 177 belonged to O.B.C. and 21 belonged to Scheduled Castes/Scheduled Tribes.

Forty-four students appeared for the final year examination during the year under report from the Institution and 42 came out successful.

The sanctioned intake of the hostel attached to this Institution during the year under report was 150. 58 students were admitted in the hostel during the year under report and thus total strength of the Institution at the end of the year under report was 103. Full fee concession of Rs. 260 each paid to 206 S.E.B.C. students. Adding 30 books worth Rs. 236.10 purchased during the year under report, total number of library books at the end of the year under report was 2,092.

The students had other extracurricular activities to sports and games, Magazines, Association and Visual Education. An amount of Rs. 11,106.29 have been spent on this account during the year under report.

78. *Thiagarajar Polytechnic, Alagabbanagar.*—3 year Diploma Course in Civil, Mechanical and Electrical Engineering was conducted in the Institution during the year under report. The sanctioned annual intake of the Institution was 144 and all seats were filled up by admission during the year under report. Among the newly admitted students, 83 belonged to O.B.C. and 4 belonged to Scheduled Caste/Scheduled Tribe. The total strength of the Institution during the year under report was 343 among whom 163 belonged to O.B.C. and 13 belonged to Scheduled Caste/Scheduled Tribes.

Seventy-three students appeared for the final year examination and 33 came out successful during the year under report.

The sanctioned intake of the hostel attached to the Institution during the year under report was 270 and 61 students were admitted during the year under report. The strength of the hostel during the year under report was thus 64.

An amount of Rs. 26,318.51 was paid to 13 students as stipend from the Harijan Welfare Department.

Adding a number of 8 books worth Rs. 78.40 purchased during the year under report, total number of library books was 3099.

This Institution took an active part in the extracurricular activities during the year under report. The Institution has won the final in the Inter-Polytechnic Foot Ball Tournament.

Sarvasri I. S. Vivekanandan, Lecturer in Civil Engineering, M. Induchuda Menon, Lecturer in Mechanical Engineering and T. C. Balachandran Assistant Lecturer in Mechanical Engineering and T. C. Balachandran, Assistant Lecturer in Science were deputed for training at T.T.T.I., Madras during the year 1973-74. Sri V. P. Kuruvilla, Head of Section in Mechanical Engineering and Smt. V. K. Radhamani, Lecturer in Electrical Engineering have attended the Seminar on "Place of Science in a Modern Curriculum" conducted on 16th May 1973 at Government Polytechnic, Kottayam.

79. *Seethy Sahib Memorial Polytechnic, Tirur, Malappuram.*—Three year Diploma Course in Civil, Mechanical, Electrical Engineering and Electronics have been conducted during the year under report in this Institution. The sanctioned strength of the Institution during the year was 120 (30 for each branch). 117 students were admitted during the year under review. Among the newly admitted students 73 belonged to Other Backward Class and 15 belonged to Scheduled Castes/Scheduled Tribes. The total strength of the Institution was 288 among whom 170 students belonged to Other Backward Class and 27 belonged to Scheduled Caste/Scheduled Tribes.

Seventy-three students appeared for the final year examination and 32 came out successful.

The total intake of the hostel during the year under report was 165 and all seats were filled up by admitting 76 students during the year under report.

Details of Scholarship/Stipend etc.—

<i>Name of Scholarship/ Stipend</i>	<i>Number of students sanctioned</i>	<i>Total Amount Rs.</i>
1. National Scholarship from India Government	2	2,400-00
2. Stipend from Harijan Welfare Department	169	1,15,456-60

Adding 75 books worth Rs. 721-53 purchased during the year under report, total number of library books in the Institution was 2344. An amount of Rs. 3,944-74 was spent towards the extracurricular activities of the Institution during the year under report.

Details of persons sent for training like Technical Teachers Training, N.C.C. Training, etc., are as follows:—

<i>Name with designation</i>	<i>Course attended</i>
1. Sri N. V. Abdul Rahiman, Lecturer	Workshop on Educational Technology.
2. Sri M. Jamal, Workshop Superintendent	do.
3. Sri M. P. R. Assankutty, Assistant Lecturer	do.
4. Sri P. K. Abdul Kareem, Assistant Lecturer	Lab. Centered Instruction in Heat Engine
5. Sri P. N. M. Musthapha, Demonstrator	Television Engineering
6. Sri T. R. Kallyana Krishnan, Instructor	Repair and maintenance of Automatic Telephone Exchange
7. Sri C. Vijayan, Instructor	Radio Servicing and Repairs
8. Sri M. Sukumaran, Skilled Assistant	do.

The Principal of the Institution was member of Board of Studies and State Board of Technical Education during the year under report.

80. *Swamy Nithyananda Polytechnic, Kanhangad, Cannanore.*—Three year Diploma Course in Mechanical and Automobile Engineering was conducted in the Institution during the year under report. The

sanctioned strength of each course was thirty (total-60). Admission was not made during the year under report in this Institution.

Forteen students appeared for the final year examination and five came out successful from this Institution during the year under report. The total intake of the hostel attached to this Institution was thirty-six during the year under report. An amount of Rs. 3,051.47 was paid to 14 students as stipend from Harijan Welfare Department during this year under report.

Adding a book worth Rs. 19.13 purchased during the year under report, the total number of library books was 381. An amount of Rs. 174.18 has been spent for the purpose of extracurricular activities of the Institution during the year under report

81. *Regional Engineering College, Calicut.*—The following courses were offered in the Institution during the year 1973-74:

<i>Course</i>	<i>Duration</i>
1. Engineering Preparatory	1 year
2. B. Sc. (Engineering)	4 years
3. M. Sc. (Engineering)	2 years

The sanctioned annual intake of the Institution was 393 and 269 students were admitted during the year under report. Among the newly admitted students 49 belonged to Backward Classes and 4 belonged to Scheduled Castes/Scheduled Tribes. The total strength of the Institution was 826 among whom 173 students belonged to Backward Classes and 7 students belonged to Scheduled Castes/Scheduled Tribes.

140 students were presented for the final year examination of which 82 came out successful.

Details of Government of India Scholarship 1973-74.—

<i>Name of Scholarship</i>	<i>Number of students sanctioned</i>	<i>Total Amount Rs.</i>
1. Merit-cum-Means Scholarship	126	94,500
2. National Loan Scholarship	4	3,880
3. National Merit Scholarship to the Children of School teachers	2	2,400
4. National Merit Scholarship	15	10,419

Details of Stipend paid by Harijan Welfare Department.—

<i>Number of students sanctioned</i>	<i>Total Amount Rs.</i>
52	15,600

2639 books worth Rs. 1,21,965·73 were added to the Library so that the total number of books at the end of the year is 18193.

Extra-curricular activities.—Sports, Fine Arts, Library and Debating Club, Painting and Sketching Club, Gymnastic Social Service League, Radio Club, Industrial Forums, etc., the expenditure incurred on this account was Rs. 65,578·34.

The details of deputation of persons for higher studies, short-term courses, etc., have been furnished below:

<i>Name of person with Designation.</i>	<i>Course to which deputed</i>	<i>Name of University|Institution</i>
(1)	(2)	(3)
1. Sri K. V. S. Bhat, Lecturer, Electrical Engineering Department.	Higher studies	East West Centre, Honolulu, Hawai
2. Sri K. Thankavelu, Lecturer, Mechanical Engineering Department.	do.	Southern University Evanston, Tellinious, U.S A.
3. Sri G. George Philip, Lecturer, Mechanical Engineering Department.	do.	Industrial Engineering Department, University of Iowa, Iowa University.
4. Dr. K. B. Maheswaran Nampoothiripad, Assistant Professor, Mechanical Engineering Department.	Short-term training	Heavy Electricals Ltd., Bhopal
5. Sri K. N. Ramachandran, Lecturer, Civil Engineering Department.	do.	Heavy Electricals Ltd., Bhopal.
6. Sri H. Ganesh, Lecturer, Electrical Engineering Department.	do.	Electronics Corporation of India, Hyderabad.
7. Sri N. Sitaraman, Lecturer in Chemistry.	do.	F.A.C.T., Alwaye.
8. Sri Thomas Joseph, Lecturer, Electrical Engineering Department.	Advanced Summer School	University of Roorkee
9. Sri. P. P. Gervadis, Lecturer, Electrical Engineering Department.	do.	do.
10. Sri N. Prabhakaran, Lecturer, Electrical Engineering Department.	do.	do.
11. Sri E. Vasu, Lecturer, Electrical Engineering Department.	do.	G.S. Institute of Tech. and Services, India.
12. Sri K. J. John, Lecturer in Chemistry	do.	University of Poona.

13.	Sri Y. Venkataramani	do.	Osmania University, Hyderabad.
14.	Sri K. J. Abdul Majeed, Lecturer, Electrical Engineering Department.	Advanced Summer School	I.I.T., Kanpur.
15.	Sri R. Ranganathan, Lecturer, Civil Engineering Department.	do.	College of Madras.
16.	Sri V. K. C. Menon, Lecturer, Chemi- stry	do.	I.I.T., Madras
17.	Sri V. J. Kurien, Lecturer, Civil Engineering Department.	do.	do.
18.	Sri A. G. Avarachan, Lecturer, Civil Engineering Department.	do.	College of Engineering, Triv- andrum.
19.	Sri E. I. Sulaiman, Lecturer in Maths.	do.	Madras Christian College.
20.	Sri M. Chandra Mohan, Lecturer in Maths.	do.	Meerut University.
21.	Sri Varghese Philip, Lecturer, Maths.	do.	Madras Christian College.
22.	Sri K. Lakshminarayanan, Lecturer, Civil Engineering Department.	do.	I.I.T., Kanpur.
23.	Sri V. S. Prasad, Lecturer, Civil Engineering Department.	do.	do.
24.	Sri E. M. Somasekharan Nair, Lecturer, Mechanical Engineering Department.	II year of Sequential Summer School	I.I.T., Bombay.
25.	Sri F. Gajendran, Lecturer, Electrical Engineering Department.	do.	University of Roorkee
26.	Sri N. M. Nagarajan, Lecturer, Mechanical Engineering Department.	Short-term Course.	I.I.T., Kharagpur
27.	Sri V. K. Hassan, Lecturer, Electrical Engineering Department.	do.	I.I.T., Kharagpur.
28.	Sri P. Janardhanan, Lecturer, Electrical Engineering Department.	Summer School	I.I.T., Delhi.

<i>Name of person with designation</i>	<i>Courses to which deputed</i>	<i>Name of University/Institution</i>
(1)	(2)	(3)
29. Sri C. Velayudhan, Lecturer, Electrical Engineering Department.	III Session of Sequential Summer School	I.I.T., Kharagpur.
30. Sri T. L. Jose, Lecturer, Electrical Engineering Department.	do.	do.
31. Sri R. S. Chandrasekharan Nadar, Lecturer, Civil Engineering Department.	Summer School	I I.T., Kanpur.
32. Dr. S. Krishna Murthy, Lecturer, Civil Engineering Department.	Summer School	I.I.T., Delhi.
33. Sri M. R. Madhavan Nambiar, Lecturer, Civil Engineering Department.	do.	do.
34. Sri R. Ravindran Nair, Lecturer, Civil Engineering Department.	III Sequential Summer School	I.I.T., Delhi.
35. Sri G. S. Mohan, Lecturer, Civil Engineering Department.	Symposium on low cost houses	Surthkal Regional Engineering College.
36. Sri K. Vincent Paul, Lecturer, Civil Engineering Department.	do.	do.
37. Sri K. Lekshminarayanan	Winter School	University of Rookee.
38. Sri K. J. Abdul Majeed, Lecturer, Electrical Engineering Department	do.	do.
39. Sri N. Prabhakaran, Lecturer, Electrical Engineering Department	do.	do.
40. Sri V. S. Prasad, Lecturer, Civil Engineering Department	do.	do.

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| 41. | Sri C. Vijayan, Lecturer, Civil Engineering Department | do. | I.I.T., Kanpur |
| 42. | Sri J. S. Balagopal, Lecturer, Civil Engineering Department | do. | University of Roorkee. |
| 43. | Sri N. M. Nagarajan, Lecturer, Mechanical Engineering Department | do. | do. |
| 44. | Dr. V. C. Nair, Assistant Professor, Mathematics | do. | P.S.G. College of Technology, Pulamedu, Coimbatore |
| 45. | Sri M. Chandra Mohan, Lecturer, Mathematics | do. | do. |
| 46. | Sri M. M. Ibrahimkutty, Lecturer, Mechanical Engineering Department | do. | I.I.T., Madras |
| 47. | Sri R. Bhaskaran, Lecturer, Civil Engineering Department | do. | Regional Engineering College, Kurukshethra |
| 48. | Dr. S. Mohan, Lecturer, Physics | do. | I.I.T., Madras. |
| 49. | Sri V. J. Kurian, Lecturer, Civil Engineering Department | do. | do. |
| 50. | Sri A. M. Mohamed Ashraf | do. | do. |
| 51. | Sri A. Balasubramonian, Lecturer, Mechanical Engineering Department | do. | I.I.T., Kanpur. |
| 52. | Sri D. Raghurama Reddy, Lecturer, Electrical Engineering Department | do. | I.I.T., Madras. |

82. *Food Craft Institute, Kalamassery.*—The following courses were conducted during the year under review in the Institution:

- | | |
|---|---------------------|
| (1) Hostel reception, book-keeping
and typewriting | (6 months duration) |
| (2) Restaurant and counter service | do. |
| (3) Cookery | do. |
| (4) Bakery and confectionary | do. |
| (5) Canning and food preservation | (1 year course) |

The sanctioned strength for each course for items 1 to 3 was 20 and for items 4 to 5 was 15 during the year under report. The total number of students admitted during the year under report was 168 among whom 12 belonged to O.B.C. and 22 belonged to Scheduled Caste/Scheduled Tribe. Of the total strength of the Institution at the end of the year under report i.e., 168, 22 students belonged to O.B.C. and 59 belonged to Scheduled Caste/Scheduled Tribes.

166 students appeared for the final year examination and 99 came out successful during the year under report.

At present the Institute has no facilities for hostel accommodation. But 10 rooms of the hostel attached to the Government Polytechnic, Kalamassery have been allotted for the students of that Institute. The fees, etc., were collected by Government Polytechnic, Kalamassery. An amount of Rs. 7,180 was given to 34 students as stipend from Harijan Welfare Department during the year under report.

Adding 43 books worth Rs. 839.51 the total number of library books in the Institution at the end of the year under report was 457.

Educational tours to Hostels, places of Archaeological importance, Factories, Sports activities, etc., the expenditure incurred for the above purposes during the year under report was Rs. 1,340.53.

Sri Jasper Jacob, Principal of that Institution was deputed for Teachers' Training Course at the Institute of Catering Technology and Applied Nutrition, Bombay for a period of 6 months. Sri H. W. Japheth, Inspector of Canning and Food Preservation was deputed for Instructor's Training at Central Training Institute, Hyderabad for a period of 6 months.

Details of Grant-in-aid, etc.

	Rs.
Total amount paid by way of grant-in-aid to private Engineering Colleges ..	23,14,260-39
Total amount paid by way of grant-in-aid to Private Polytechnics ..	23,33,196-71
Total amount paid by way of grant-in-aid to Private Industrial Schools ..	1,50,000-00
Grant-in-aid to Regional Engineering College ..	14,20,000-00
Grant-in-aid to Food Craft Institute ..	The State Government were paying recurring grant during 1973-74. The expenditure was fully met by the Central Government up to 1973-74.
Scholarships and Stipends to students from Kerala studying outside ..	9,537-35
Total receipt of the department during the year 1973-74 ..	21,78,547-39
Total expenditure of the department during the year 1973-74 (excluding grant-in-aid) ..	1,54,77,229-79

CONCLUSION

Dr. S. Vasudev took over the administration of the Department of Technical Education on 1st October 1973 and continued during the year under review. The Department was functioning smoothly during the year under review. It was actively engaged in the efficient propagation of Technical Education in the various fields of Engineering and Technology. The Department strived hard to achieve its goal in equipping a large number of people with necessary qualification for holding various kinds of jobs in different fields in Engineering and Technology and done the utmost possible.

(Sd.)

Director of Technical Education.

NAME OF AGENTS—(Continued from outer cover)

50. P. K. Chacko, Proprietor, Peckaycee Trades, Kottayam.
51. Janatha Book Stall, Near P.M.G.'s Office, Trivandrum.
52. The Secretary, Govt. Servants Co-operative Society Ltd., No. A208, Alleppey.
53. The Manager, St. Thomas Press, Palai.
54. The National Stores, Cannanore.
55. N. Chellappan Pillai, Narayana Press and Book Stall, Attungal.
56. K. Kunhambu, Bharath Printing Press, Kanhangad (P.O.), Cannanore.
57. Koshy P. John, Vidyarthi Mithram Press & Book Depot, Kottayam.
58. Y. Habeebulla, Proprietor, New Book Centre, near Collectorate, Quilon.
59. Vijayakumar Jain, Prabhu Book Service, Gurgoan, Hariyana.
60. Haji Abdul Rahiman Sait, Merchant, Kesavadasapuram, Trivandrum-4.
61. M. Balan, Manager, City Book Stall, R.S. Road, Ottappalam.
62. K. Kunjiraman, Manager, Jaya Stores, Vazhuthacaud, Trivandrum.
63. P. N. Narayana Pillai, M. N. Printers, Adoor.
64. S. Krishna Iyer, Proprietor, Sree Saraswathy Stores, Thycaud, Trivandrum.
65. V. M. Noohu, Book Seller, Ansari Book Stall, Nitamel.
66. A. Narayanan Potti, Book Seller, Near Civil Station, Quilon-9.
67. G. Prabhakaran Nair, Manager, Premier Book House, Moovattupuzha.
68. Manager, Desabhumani Book House, M G Road, Trivandrum-1.
69. K. V. Devassy, Manager, Perinthalmanna Printing Works, Perinthalmanna.
70. K. Bhaskara Pillai, Praha Book Depot, Attungal P. O.
71. K. A. George, Proprietor, Students Stores, 74/XII Sub Jail Road, Alwaye.
72. V. K. N. Pillai, Polayil Vecdu, Manayikulangara, Quilon-12.
73. V. Gopinathan Nair, Book Seller, Kacheri Junction, Nedumangad.
74. Smt. A. Poornambal, Proprietor, Bhagya Enterprises, M. G. Road, Trivandrum.
75. K. J. Cheriyan, Manager, Victory Book House, Muvattupuzha.
76. M. C. Cheriyan, M.C.C. Book Depot, Chengannur.
77. M/s Radha Stores, Shoranur.
78. A. T. A. Mustafa, Mustafa Book Company, P. O Payangad, Cannanore District.
79. S. M. C. Babu, Babu Brothers Book Depot, Alwaye-1.
80. P. C. Cherian, St. Mary's Press and Book Depot, Changanacherry-1.
81. R. Radhakrishnan Nair, Proprietor, Modern Books, Near Boat Jetty Road, Quilon.
82. Smt. K. Thankamma, Contractor of K. G.'s Book Stall, Kottayam.
83. M. A. Joseph, Proprietor, House of Knowledge Publishers and Book Sellers, Round South, Trichur.
84. V. Krishna Iyer, Retired R.T.O., T.C. 18/261, Valiachala, Trivandrum.
85. C. I. Varghese, son of Chalussery Ittiachan, Central Book Stall, Palace Road, Trichur.
86. M/s New Ladies Fancy Centre, Mannarghat.
87. T. V. Thomas Panicker, Indu Book Depot, Angamali P.O., Ernakulam District.
88. M. M. Varghese, Book Centre, West Nada, Guruvayur.
89. K. J. Raphael, Santha Book Stall, Book Sellers and Stationery Merchants, G. B. Road, Sulthanpet, Palghat.
90. M/s Ashoka Book Agency, 2/27, Roop Nagar, Delhi-7.
91. M/s St. Joseph's Book Stall, Convent Square, Alleppey.
92. V. G. Abraham, St. Thomas Press and Book Depot, Kozhencherry.
93. N. Sadanandan, Proprietor, Sadananda Printers, Publishers and Book Sellers, P.O. Alathur, Palghat District.
94. K. R. Sukumaran Nair Sukumar Book Stall T.C. 23/652, Thampannor, Trivandrum.

**NAME OF AGENTS APPOINTED FOR THE SALE OF
GOVERNMENT PUBLICATIONS IN THE KERALA STATE**

1. J. S. Paul and Sons, Cannanore.
2. G. Vital Prabhu, News Agent, Manjeswar.
3. K. R. Brothers, Calicut.
4. Moulavi Book Depot, Kasargode.
5. Kottayi Gopalan, Tellicherry.
6. Touring Book Stall, Calicut.
7. K. P. Ahamed Kunhi and Brothers, Cannanore.
8. Pallipat Stores, Irinjalakuda.
9. St. Joseph's Press, Perinthalmanna.
10. George Press, Ottapalam.
11. Travancore Law House, Ernakulam.
12. P. K. Brothers, Calicut.
13. C. P. Savankutty Keyi, Vidyodayam Book Stall, Tellicherry.
14. M. V. John, Law Book Seller, Near Civil Courts, Tellicherry.
15. Manager, Higginbothams (Private) Ltd., Trivandrum.
16. Current Books, Publishers and Book Sellers, Trichur.
17. Educational Supplies, Book Sellers, Publishers and Printers, Palghat.
18. H. and C. Stores, Dealers in Books, Kunnankulam.
19. Manager, Reddiar Press and Book Depot, Trivandrum
20. K. Parameswaran Pillai, Stamp Vendor, Pulimoodu, Trivandrum
21. Educational Supplies Depot, Trivandrum.
22. Jayachandra Book Depot, Chalai, Trivandrum.
23. S. Subramonia Iyer, Book Seller and Stamp Vendor, Kazhakoottam.
24. S. Krishna Iyer, Stamp Vendor, Ayurveda College View, Trivandrum.
25. N. Parameswaran Pillai, Alummoodu Veedu, Stamp Vendor, Kottarakkara.
26. N. Neelakanta Iyer, Stamp Vendor, Padmavilasom Street, Fort, Trivandrum.
27. The Manager, K. V. Press and Book Depot, Main Road, Artingal.
28. K. Bhaskaran Nair, News Agent, Trivandrum.
29. The Proprietor, Kerala Book House, Cranganore.
30. K. K. Raghava Menon, Popular Book Depot, Cranganore.
31. C. M. Book Stall, Publishers, Parayil, Kunnankulam.
32. A. Jose, Proprietor, S. V. Press and Book Depot, Neyyattunkara.
33. N. Paramanandam, Proprietor, Ambika Press and Book Depot, Neyyattunkara.
34. The New Order Book Company, Ellis Bridge, Ahmedabad.
35. Pai and Company, Broadway, Ernakulam.
36. S. Hariharakrishna Iyer, Vinayaka Book Stall, Pazhavangadi, Trivandrum.
37. K. P. Gopalan, Swaraj Book Stall, Court Road, Quilandy.
38. Ambat Sekhara Menon, Proprietor, Menon Stores, Chittur-Cochin
39. M. I. Abraham, News Agent & Book Seller, Punalur P. O.
40. K. G. Thomas, K. V. Book Depot, Ohengannur.
41. C. L. Joseph, The National Stores, Thana, Irinjalakuda.
42. N. Krishnamoorthy, Merchant, Manantoddy.
43. T. I. Joseph and Sons, Prakasom Press and Book Depot, Irinjalakuda.
44. The Proprietor, Pulikottil Publishing House, High Road, Trichur.
45. P. Radhakrishna Pillai, Sivavilasom, Kizhakkekkara, Kottarakkara.
46. Vidyarambham Press and Book Depot (P) Ltd., Mullakkal, Alleppey.
47. K. S. Kumara Pillai, Sreeckumar Stores, Nedumangad.
48. E. K. John, Stamp Vendor, C/o Popular Trading Co., Kottayam.
49. The Mahatma Press, Palace Road, Trichur.

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GOVERNMENT OF KERALA

ADMINISTRATION REPORT
OF THE
TECHNICAL EDUCATION
DEPARTMENT

FOR THE YEAR 1974-75

PRINTED BY THE S.G.P. AT THE GOVERNMENT PRESS,
ERNAKULAM—1977

ADMINISTRATION REPORT
OF THE
TECHNICAL EDUCATION
DEPARTMENT

FOR THE YEAR 1974-75

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The Government of Kerala
1977



HIGHER EDUCATION (G) DEPARTMENT

G.O. MS. No.112/77/H.Edn. Trivandrum, dated 20th July 1977

Abstract.—Administration Report of the Technical Education Department for the year 1974-75—Reviewed.

Read.—Letter No. G1-26265/75, dated 22nd December 1976 and letter No. PGP6-16854/77, dated 23rd May 1977 from the Director of Technical Education.

ORDER

1. Recorded.
2. Dr. S. Vasudev continued as the Director of Technical Education and Sri K. Sankaranarayanan continued as the Administrative Officer during 1974-75.
3. The following institutions functioned under the direct control of the Department during the year under review.

<i>Name of institutions</i>	<i>No. of institutions</i>
Government Engineering Colleges	2
Private Engineering Colleges	3 (Excluding Regional Engineering College, Calicut)
College of Fine Arts	1
Government Polytechnics	8
Private Polytechnics	6
Government Institute of Printing Technology, Shoranur	1
Art Schools	3
Government Women's Polytechnics	3
Junior Technical Schools	21
Pre-Vocational Training Centres	4

<i>Name of institutions</i>	<i>No. of institutions</i>
Commercial Schools	2
Government Industrial Schools	2
Tailoring Trade Schools	2
Tailoring and Garment Making Training Centres	11
Weaving Training Centre	1
Composing and Printing Centre	1
Book Binding Centres	2
Rattan Training Centre	-

A Regional Engineering College at Calicut and a Food Craft Institute at Kalamassery functioned as registered societies. The Department exercised control over them in respect of grant-in-aid

The State Board of Technical Education, Board of Studies in Engineering and Technology and the Staff Council were also functioning during the year under review.

The admission of students to the various technical institutions conducting Degree and Diploma courses of study, both under Government and Private management was done by the Department as in previous years.

Grants were disbursed to Private Engineering Colleges, Polytechnics and Industrial and Tailoring and Garment Making Training Centres. The Plan Schemes were formulated and implemented by the Department. Scholarships to the eligible students undergoing technical education were granted by the Department under various schemes in the Department.

The Private Commercial and Engineering Institutions were controlled by the Department by granting recognition after conducting inspection. The Department concentrated its activities on imparting technical education through various Technical Institutions under Government and Private Sectors which coach students for various courses of studies.

Admissions to Engineering Colleges, Polytechnics, Junior Technical School, etc, were made strictly on the basis of marks secured by the candidates for the qualifying examination as the case may be subject to the principles of reservation laid down by Government for the Socially and Educationally Backward Classes, Scheduled Castes/Schedule Tribes, Sports Council nominees, etc.

The details of students presented for the Final Year Examination and the students that passed from the various Government institutions were as shown below.—

Name of institution	No. of institutions	No. of students presented for the final examination	No. of students passed
(1)	(2)	(3)	(4)
Engineering Colleges ..	2	Degree 275 M.Sc. 47	247 42
Polytechnics ..	8	785	340
Women's Polytechnics ..	3	215	98
Institute of Printing Technology ..	1	27	8
Junior Technical Schools ..	21	1079	459
Art Schools ..	3	97	79
Commercial Institutions ..	2	240	84

The details of scholarships/stipends granted to students of various institutions were as shown below:—

Category of institutions	No. of institutions	No. of students who were in receipt of scholarships	Total amount of scholarship paid Rs.	No. of students who were in receipt of stipend from Harijan Welfare Department	Total amount of stipend paid Rs.
1	2	3	4	5	6
Government Engineering Colleges ..	2	264	3,63,130 05	459	3,72,662-90
Private Engineering Colleges ..	3	90	71,205 95	426	3,70,177-38
Government Polytechnics ..	8	185	2,44,455-41	1463	4,53,668-67
Government Women's Polytechnics ..	3	51	19,412-76	374	1,61,334-28
Institute of Printing Technology, Shoranur ..	1	..	..	45	24,215-83
Junior Technical Schools ..	21	224	45,426-87	355	1,80,869 63
Art Schools ..	3	47	12,375-70	77	39,085-40
Pre-Vocational Training Centres ..	4	..	..	124	33,266 30
Industrial Schools ..	2	..	..	26	14,299-43
Tailoring and Garment Making Training Centres ..	11	..	..	89	52,004-43
Commercial Institutes ..	2	..	..	5	1,277-35

The sanctioned annual intake and the total strength of the various institutions were as detailed below:

<i>Sl. No.</i>	<i>Name of institution</i>	<i>No. of institutions</i>	<i>Sanctioned annual intake</i>	<i>Total strength</i>
(1)	(2)	(3)	(4)	(5)
1.	Government Engineering Colleges	.. 2	462	1635
2.	Private Engineering Colleges	.. 3	336	1120
3.	Government Polytechnics	.. 8	1352	3252
4.	Private Polytechnics	.. 6	756	1795
5.	Institute of Printing Technology, Shoranur	.. 1	30	83
6.	Women's Polytechnics	.. 3	295	763
7.	Junior Technical Schools	.. 21	1230	3379
8.	Art Schools	.. 3	140	246
9.	Commercial Institutes	.. 2	90	154
10.	Pte-Vocational Training Centres	.. 4	105	311
11.	Industrial Schools	.. 2	40	69
12.	Tailoring and Garment Making Training Centres	.. 11	320	320
13.	Tailoring Trade Centres	.. 9	123	107

There were 102 grant-in-aid schools in the Private Sector during the year under review. To coach students for the Kerala Government Technical Examination in various trades. There were 904 recognised Private Commercial Institutions and 39 recognised Engineering Institutions functioning during the year.

During the year under review an amount of Rs. 54,52,180.22 was spent towards grant-in-aid and payment of salary of staff deputed for higher studies of Private Engineering Colleges and Polytechnics. The grant-in-aid paid to the Private Industrial Schools, Regional Engineering College and the Food Craft Institute were Rs 1,85,596, Rs. 18,00,000 and Rs 2,33,400 respectively. The total amount of scholarships and stipends paid to students studying outside the State was Rs. 19,935.70. The total receipt and expenditure of the Department during the year was Rs. 23,31,000 and Rs. 2,66,84,925 respectively.

The working of the Department during the year was satisfactory;

(By order of the Governor)

M. K. BHASKARAN,
Joint Secretary to Government.

**ADMINISTRATION REPORT OF THE TECHNICAL
EDUCATION DEPARTMENT FOR THE
YEAR 1974-75**

I. INTRODUCTION

Based on the recommendation of the Special Committee appointed by the Government of India, the Department of Technical Education was formed on 4th September 1957, for proposing measures for the co-ordination of Technical Education in the State. The Technical Institutions which were controlled by the University, the Department of Industries and Commerce and Public Instruction prior to the formation of Technical Education Department were brought under the direct control of this Department with the sole aim of standardising technical education in respect of syllabi and examinations. Since then, several new institutions were started and new courses introduced. This process is still going on to meet the demands of changing times

The following are the categories of institutions (both Government and Private) now under the direct control of this Department.

<i>Name of institutions</i>	<i>No. of institutions</i>
Government Engineering Colleges ..	2
Private Engineering Colleges ..	3 (Excluding Regional Engineering College, Calicut)
College of Fine Arts ..	1
Government Polytechnics ..	8
Private Polytechnics ..	6
Government Institute of Printing Technology, Shoranur ..	1
Arts Schools ..	3
Government Women's Polytechnics ..	3
Junior Technical Schools ..	21
Pre-Vocational Training Centres ..	4
Commercial Schools ..	2
Government Industrial Schools ..	2
Tailoring Trade Schools ..	2
Tailoring and Garment Making Training Centres ..	11
Weaving Training Centre ..	1

<i>Name of institutions</i>		<i>No. of institutions</i>
Composing and Printing Centre	..	1
Book Binding Centres	..	2
Rattan Training Centre	..	1

There is a Regional Engineering College at Calicut and a Food Craft Institute at Kalamassery which function as registered societies. The Department exercises control over them in respect of grant-in-aid

The State Board of Technical Education, Board of Studies in Engineering and Technology and the Staff Council were also functioning during the year under review. Dr S Vasudev, Director of Technical Education continued to be the Chairman of the Staff Council. Sri J. Sisupalan Pillai continued as the Secretary of the Council.

II. ACTIVITIES OF THE DEPARTMENT

The admission of students to the various technical institutions conducting degree and diploma courses of study, both under Government and Private managements was done by the Department as in previous years.

Grants were disbursed to Private Engineering Colleges, Polytechnics and Industrial and Tailoring and Garment Making Training Centres. The Plan Schemes were formulated and implemented by the Department. Scholarships to the eligible students undergoing technical education were granted by the Department under various schemes in the Department.

The Private Commercial and Engineering Institutions were controlled by this Department by granting recognition after conducting inspection. The Department concentrated its activities on imparting technical education through various Technical Institutions under Government and Private Sectors which coach students for various courses of studies.

III. CONTROL OF THE ACADEMIC MATTERS OF THE INSTITUTIONS

The academic control of all the institutions under the Directorate at and below the Diploma level rest with the State Board of Technical Education, while that of Engineering Colleges rest with the Universities. All Diploma and Certificate examinations were conducted by the Commissioner for Government Examinations attached to the Director of Public Instruction, on behalf of the State Board of Technical Education. The question of conducting the Diploma and Certificate examinations by this department is under active consideration of Government.

IV. DIRECTION

Dr. S. Vasudev continued as the Director of Technical Education. Sri V. Kurien Thomas, Joint Director assisted the Director as Placement and Guidance Officer. Sri K. G. Menon, Deputy Director assisted the Director in academic and purchase matters of the Department. Sri M. Padmanabhan continued as the Deputy Director of the Direct Payment Section. Sri K. Sankaranarayanan continued as the Administrative Officer and Sri V. B. Kunhalikutty as Financial Assistant. Sri K. P. Krishnan and Sri K. Pitchumony Naik were the Accounts Officers during the year under review. A post of Administrative Assistant was created in the Directorate.

ADVISORY BOARDS

(i) State Board of Technical Education

The main functions of the State Board of Technical Education is to co-ordinate the technical education at State level and to advise the Government and the Department in matters connected with the Technical Education. The recognition of new institutions and starting of new courses of studies fall within the purview of the Board. It is the highest body in the State in regard to Technical Education. The Board consists of the following members:-

1. The Minister for Education (Chairman)
2. The Special Secretary to Government,
Higher Education Department, Government of Kerala.
3. The Secretary to Government,
General Education Department, Government of Kerala.
4. The Special Secretary to Government,
Finance Department, Government of Kerala.
5. The Special Secretary to Government,
Industries Department, Government of Kerala.
6. The Director of Industries and Commerce,
Trivandrum.
7. The Director of Employment and Training,
Trivandrum.
8. The Director of Collegiate Education,
Trivandrum.
9. The Director of Public Instruction,
Trivandrum.
10. The Chief Engineer,
Public Works Department.
11. Sri K. M. Bahauddin,
Principal, Regional Engineering College, Calicut.

12. Sri P. S. Subramoniam,
Principal, Engineering College, Trichur.
13. Dr. S Narayana Iyer,
Professor-in-charge, College of Engineering, Trivandrum.
14. Sri M Ramaswamy Iyer,
Sr. Architect, Public Works Department, Trivandrum.
15. Sri K. Venkitaraman.
Professor in Tele Communication, College of Engineering,
Trivandrum.
16. Dr. M. V. Raghavacharya,
Professor-in-Chemical Engineering, Engineering College,
Trichur.
17. Sri Kurien John,
Superintendent, Government Presses, Trivandrum.
18. Sri D Bhaskaran Nair,
I. Gr Professor of Commerce, Government College,
Chittur.
19. Sri A. Sreedhara Menon,
Registrar, University of Kerala, Trivandrum
20. Dr. C. P. Kuriak se,
Pro-vic Chancellor, Cochin University, Hill Palace,
Tripunithura
21. Sri T. P. Kuttiammu,
Dean, Faculty of Engineering, Calicut University.
22. Prof. S Sampath,
Dy. Director, Indian Institute of Technology, Madras.
23. Sri K. I Idiculla,
F I E., Rtd. Chief Engineer, Kandathil, Jawaharnagar,
Trivandrum-3
24. The Assistant Educational Advisor (T), S.R.O.,
First Floor, Shastri Bhavan, 35, Haddows Road, Madras.
25. Dr. C. L. Amba Rao,
Head, Structural Engineering and Applied Mathematics
Division, S.S.T.C., V.S.S.C., Thumba.
26. Professor Aliyas Varghese, M.A.,
College of Engineering, Kothamangalam.
27. Sri P. S. Namboodiri,
Ex. M.L.A., Amballur P.O., Puthukadu (Via) Trichur.
28. Sri A. K. Kaderkutty,
Managing Director, Western India Plywood Ltd.,
Baliapattam, Cannanore District.
29. Sri K. Abdulla,
Head of Section, S.S.M. Polytechnic, Tirur-5.
30. Sri C. I. Mathew,
Principal, Government Polytechnic, Kalamassery.

31. Sri R. Govinda Menon,
Principal, N.S.S. College of Engineering, Palghat.
32. Sri N. Bhaskara Kurup,
N.S.S. Polytechnic, Pandalam.
33. Sri T. K. Surendran,
Superintendent, Junior Technical School, Kodungallur.
34. Sri C. M. Francis,
Managing Director, Trivandrum Spinning Mills,
Balaramapuram, Trivandrum.
35. Sri N. Ramakrishnan,
Deputy Secretary (Edn.)
36. The Director of Technical Education, Trivandrum
(Secretary).

(ii) Board of Studies in Engineering and Technology

The Board of Studies in Engineering and Technology advice the State Board of Technical Education in Academic matters at and below the Diploma level. The Board consists of the following members.

1. The Director of Technical Education (Chairman)
2. The Director of Public Instruction, Kerala.
3. The Chief Engineer (General),
Public Works Department, Trivandrum.
4. The Chief Engineer (Electrical),
Kerala State Electricity Board.
5. Sri G. G. Salam,
Principal, Government Polytechnic, Kottayam.
6. Sri Ramavarma Appan Thampuram,
Senior Lecturer, Government Polytechnic, Cannanore.
7. Sri K. Abdulla,
Principal, S.S.M. Polytechnic, Tirur.
8. Dr. M. V. Raghavacharya,
Head of Department of Chemical Engineering, College
of Engineering, Trichur.
9. Sri N. Bhaskarakurup,
Principal, N.S.S. Polytechnic, Pandalam.
10. Sri Janaranjanadasan,
Professor of Commerce, Government Arts College,
Trivandrum.
11. Head of Department of Mechanical Engineering,
Engineering College, Trivandrum.
12. Sri P. S. Subramoniam,
Principal, Engineering College, Trichur.
13. Sri George Pettah,
Principal, Maharaja's Technological Institute, Trichur.

ADMISSION TO ENGINEERING COLLEGES, POLYTECHNICS, WOMEN'S POLYTECHNICS AND JUNIOR TECHNICAL SCHOOLS

1. Engineering Colleges

Admission to all the seats in the two Government Engineering Colleges and 85 per cent of the seats in the 3 Private Engineering Colleges in the State was made by a Committee consisting of the Principals of Engineering Colleges, Chairman, Kerala State Electricity Board, Chief Engineer (General and Irrigation), Registrar, University of Kerala and the Director of Technical Education. The Committee was assisted by a special staff attached to the Directorate of Technical Education appointed for the purpose.

Admission to Engineering Colleges was made strictly on the basis of marks secured by the candidates for the pre-degree examination or the qualifying examination as the case may be subject to the principles of reservation laid down by Government for the Socially and Educationally Backward Classes and the Scheduled Castes/Scheduled Tribes, Sports Council nominees from other States and other reservations.

2. Polytechnics

The selection of candidates for admission to all the Polytechnics in the Public Sector, Institute of Printing Technology and 85 per cent seats in the 6 private polytechnics was made by a Committee consisting of the principals of Polytechnics and principal of Institute of Printing Technology, Shoranur and Director of Technical Education with the assistance of the staff of the Directorate deputed for the purpose.

The selection of candidates for admission was made strictly on the basis of marks obtained for Mathematics and General Science in the S.S.L.C./J.T.S.L.C. Examination subject to the principles of reservation of seats fixed by Government for Socially and Educationally Backward Classes and Scheduled Castes/Scheduled Tribes.

3. Woman's Polytechnics

The selection of candidates for admission to the 3 Women's Polytechnics was also made by a Committee consisting of the Principals of Women's Polytechnics and the Director of Technical Education with the help of the Staff of the Directorate. The method of selection was the same as that followed for Engineering Colleges and Polytechnics.

4. Junior Technical Schools

The admission to all the 21 Junior Technical Schools was made on the basis of marks obtained for the VIIth Standard Examination and subject to the principles of reservation of seats to Backward Classes, Scheduled Castes and Scheduled Tribes laid down by Government. The selection was made by the Superintendents of the respective schools.

5. Private Grant-in-aid Schools

There were 102 grant-in-aid schools during the year under report. They coach students for the Kerala Government Technical Examinations in various trades like Tailoring, Embroidary, Printing, etc.

Admission to these institutions was made from candidates within the age group of 14-25 who have passed III Form or equivalent. These institutions were paid teaching grant at the rate of Rs. 85 per teacher subject to their satisfying the conditions laid down in the grant-in-aid code.

6. Private Commercial and Engineering Institutions

The Private Commercial and Engineering Institutions under the control of the department were being inspected by the Departmental staff and recognition awarded. Admission of candidates was done by the private agencies themselves. During the year under report there were altogether 904 recognised Commercial Institutions and 39 recognised Engineering Institutions.

7 A. List of Government Institutions

1. College of Engineering, Kulathoor, Trivandrum.
2. Engineering College, Trichur.
3. Central Polytechnic, Vattiyoorkavu, Trivandrum.
4. Government Polytechnic, Nattakom, Kottayam.
5. Government Polytechnic, Kalamassery.
6. Maharaja's Technological Institute, Trichur.
7. Government Polytechnic, Perinthalmanna.
8. Kerala Government Polytechnic, West Hill, Calicut.

9. Government Polytechnic, Thottada, Cannanore.
10. Institute of Printing Technology, Shoranur.
11. Sree Rama Polytechnic, Valapad.
12. Women's Polytechnic, Karamana, Trivandrum.
13. Women's Polytechnic, Nedupuzha, Trichur
14. Women's Polytechnic, Malaparamba, Calicut
15. Junior Technical School, Attingal—PVTC attached
16. do. Nedumangad
17. do. Adoor
18. do. Ezhukone
19. do. Shertallai
20. do. Krishnapuram
21. do. Palai
22. do. Pampady
23. do. Perumbavoor
24. do. Kunnamkulam
25. do. Kodungallur-PVTC attached
26. do. Shoranur
27. do. Manjeri-PVTC attached
28. do. Koratty
28. do. Chittur
29. do. Calicut
30. do. Badagara
31. do. Cannanore-PVTC attached
32. do. Trichur
33. do. Mattannur
35. do. Cheruvathur

ART INSTITUTIONS:

36. School of Arts, Trivandrum
37. Ravi Varma School of Painting, Mavelikkara.
38. Government Occupational Institute, Trichur

COMMERCIAL SCHOOLS:

39. Diploma Course in Shorthand and Typewriting, Trivandrum.
40. Government Commercial Institute, Ernakulam.

TAILORING AND GARMENT MAKING TRAINING CENTRE / TRAINING CENTRES:

- | | | |
|-----|---|----------------------|
| 41. | Tailoring and Garment Making Training Centre, | Patton, Trivandrum |
| 42. | do. | Thevally, Quilon |
| 43. | do. | Kanjikuzhi, Kottayam |
| 44. | do. | Tripunithura |
| 45. | do. | Narakkal |
| 46. | do. | Trichur |
| 47. | do. | Badagara |
| 48. | do. | Palghat |
| 49. | do. | Dharmadom |
| 50. | do. | Payyannur |
| 51. | do. | Kondotty |

INDUSTRIAL SCHOOLS:

- | | |
|-----|---|
| 52. | Government Industrial School, Irrinjalakuda |
| 53. | Do. Wadakkancherry |

TAILORING TRADE SCHOOL:

- | | |
|-----|---|
| 54. | Tailoring Trade School, Devikulam |
| 55. | do. Haripad |
| 56. | do. Parassala |
| 57. | do. Pachallur |
| 58. | do. Karimkulam |
| 59. | do. Kanjiramkulam |
| 60. | do. Maranallur |
| 61. | Tailoring Training Centre, Chirayinkil |
| 62. | Do. Chengannur |
| 63. | Rattan Training Centre, Paraniyam |
| 64. | Book Binding Centre, Kulathur |
| 65. | Composing and Printing Centre, Vattiyookavu |
| 66. | Book Binding Centre, Manacaud |
| 67. | Weaving Training Centre, Aralumoodu |

PRE VOCATIONAL TRAINING CENTRES:

- | | |
|-----|--|
| 68. | P V.T.C Attingal (attached to J.T S. Attingal) |
| 69. | do. Kodungallur (do. Kodungallur) |
| 70. | do. Manjeri (do. Manjeri) |
| 71. | do. Cannanore (do. Cannanore) |

B. List of Private Engineering Colleges and Polytechnics

72. Thangal Kunju Musaliar College of Engineering, Quilon
73. Mar Athanasius College of Engineering, Kothamangalam
74. N S.S. College of Engineering, Palghat
75. Sree Narayana Polytechnic, Kottiyam, Quilon.
76. N.S.S. Polytechnic, Mannamnagar, Pandalam.
77. Carmel Polytechnic, Punnapra, Alleppey.
78. Thiagarajar Polytechnic, Alagappanagar.
79. S S.M. Polytechnic, Tirur
80. Swamy Nithyananda Polytechnic, Kanhangad.

C. Institutions under Registered Societies Act

81. Regional Engineering College, Chathamangalam, Calicut.
82. Food Craft Institute, Kalamassery.

8A. Activities of Government Institutions

1. *College of Engineering, Trivandrum*—The following Degree Courses and Post Graduate Courses were conducted in the Engineering College, Trivandrum

(i) 4 year Degree Courses in Civil, Mechanical, Electrical, Electronics and Tele Communication leading to award of B.Sc. (Engineering) degree and 4 year B Arch Degree in Architecture

(ii) 4 year Part-time Degree Course in Civil, Mechanical and Electrical for Diploma holders.

(iii) 2 year M.Sc. (Engineering) Degree Course in Civil, Mechanical, Electrical and Tele Communications.

(iv) Part-time M.Sc Degree Course of 3 years duration for Lecturers in Engineering Colleges.

The sanctioned annual intake to the different branches for the B.Sc. and M.Sc. Degree Course are as below:

- | | |
|---|-----|
| (a) 4 year B.Sc (Engineering) Degree Course | 196 |
| (b) 2 year M.Sc Degree Course | 64 |

During the year under review 210 students were admitted in the institutions as detailed below.

B.Sc. Engineering 4 year Course	185
M.Sc. Engineering 2 year Course	25

Of these admitted 56 belonged to Backward Community and 6 to Scheduled Castes. In all there were 844 students on rolls of which 221 belonged to Other Backward Community and 16 to Scheduled Castes.

140 students were presented for the final year Degree Examination of which 112 came out successful. 37 students were presented to the M.Sc. Engineering Examination and 32 came out successful.

The details of scholarships and stipends awarded to students are as follows:

<i>Name of scholarship or stipend</i>	<i>No. of students</i>	<i>Amount paid Rs.</i>
A. Government of India—		
1. National Scholarship	82	81,789.25
2. National Loan Scholarship	49	47,190.00
3. Postgraduate Scholarship		1,29,341.45
B. State Government—		
1. Scholarship for proficiency in sports	3	1,100.00
2. National Foundation of Teachers Welfare Scholarship	20	8,000.00
3. Merit Scholarship to children of School Teachers	10	7,940.00
C. Stipend from Harijan Welfare Department—		
1. Socially and Educationally Backward Communities	221	1,93,266.91
2. Scheduled Castes and other Eligible Community students		34,996.05
D. Financial Assistance—		
1. Educational concessions to the children of political sufferers	2	720.00
2. Harness Fee Concession	2	796.00

There are two hostels, one for men and the other for ladies with a total capacity of 554. During the year under review, there were 350 inmates in the hostels.

During the course of the year 1191 books worth Rs. 58,000 were added to the Library.

In the field of extra curricular activities an amount of Rs. 27,095 was incurred during the year.

The following members of the staff were deputed either for training/Refresher course/Seminars at various countries/institutions.

Deputed for higher studies. Various Universities outside.

1. Sri Thomas V. Mathew, Lecturer in Civil Engineering.
2. Sri M. Sasikumar, Lecturer in Tele Communication Engineering.
3. Smt. Ashalatha Thampuran, Lecturer in Architecture.

<i>Receipt and expenditure</i>	<i>Receipt Rs.</i>	<i>Expenditure Rs.</i>
Institutions	3,49,547-00	38,80,378 00
Hostel	69,002-15	2,26,925 00

2. *Engineering College, Trichur.*—The following degree course and postgraduate courses were conducted in the Engineering College, Trichur.

(i) Four year (8 Semesters) B.Sc. (Engg.) Degree course in Civil, Mechanical, Electrical and Chemical branches.

(ii) Four year part-time Degree course in Civil, Mechanical and Electrical.

(iii) Two year M.Sc. (Engineering) Degree course in Civil, Mechanical and Electrical.

The sanctioned intake to the different branches for the B.Sc. and M.Sc. Degree courses is as below:

(a) 4 Year B.Sc. (Engineering) Degree Course	.. 139
(b) 4 Year Part-time Degree Course	.. 45
(c) 2 Year M.Sc. Degree Course	.. 18

199 students were admitted in the institutions during the year as detailed below.

4 Year B.Sc. Course	.. 137
Part-time Degree Course	.. 44
2 Year M.Sc. Course	.. 18
	199

Of these admitted 88 belonged to Backward Community and 5 to Scheduled Castes/Scheduled Tribes. In all there were 791 students on rolls of which 266 belonged to Other Backward Communities and 12 to Scheduled Castes/Scheduled Tribes.

145 students were presented for the final year examination.

The details of scholarships and stipends paid to students are as follows:—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Amount paid</i> Rs.
1. National Merit Scholarship ..	28	31,104.35
2. National Loan Scholarship ..	12	10,849.00
3. State Government Scholarship— P. G. Scholarship ..	39	34,100.00

4. Details of stipend paid by Harijan Welfare Department.

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Amount paid</i> Rs.
(a) Kumara Pillai Commission Report ..	228	1,33,077.55
(b) Scheduled Castes/Scheduled Tribes students ..	7	11,352.39
(c) Other Backward Community/Other Eligible Community students ..	3	2,673.00

There are two hostels, one for men and the other for ladies with a total capacity of 410. During the year under review there were only 280 students in the hostel.

The total number of Library books was 14495 at the end of the year.

For extra curricular activities an amount of Rs. 30,101.02 was spent during the year.

Seven members of the staff were selected for P.G. Course under Quality Improvement Programme.

1. Sri K. P. Mohandas, Lecturer in Chemical Engineering
2. Sri V. A. Sudhakaran, Lecturer in Civil Engineering
3. Sri M. Mathew, Lecturer in Mechanical Engineering
4. Sri T. N. Padmanabhan Nambiar, Lecturer in Electrical Engineering
5. Smt. K. Indira, Lecturer in Electrical Engineering
6. Sri C. H. Abdul Bhukari, Assistant Professor in Civil Engineering
7. Sri D. Balakrishnan, Professor of Mechanical Engineering

New Courses and studies introduced during the year.—B. Tech. course in Naval Architecture and Ship Building was started in this College by the University of Cochin. The sanctioned strength is 15.

The Mechanical Engineering Department of this college conducted a summer school in "Voice Control and Vibration Engineering" during May-June 1974, sponsored by the Indian Society for Technical Education. About 30 Lecturers drawn from various Engineering Colleges of India attended the summer school.

The staff association of the College has brought out the first issue of "Engineering Spectrum" a news letter detailing the activities of the College staff.

Receipt and expenditure

	<i>Receipt</i>	<i>Expenditure</i>
	<i>Rs.</i>	<i>Rs.</i>
Institution	2,34,228-90	23,27,511-51
Hostel	..	1,78,335-54

3. *Government Polytechnic, Cannanore.*—3 Year Diploma Course in Civil, Mechanical, Electrical Engineering and Textile Technology were conducted in the Institution during the year. The sanctioned intake of the institution for Engineering subjects is 108 and for textile technology 30. During the year 138 students were admitted and the total strength of the institution was 367, of the students admitted 105 belonged to Backward Community and 5 to Scheduled Caste/Scheduled Tribe. Among the total number of students there were 251 belonging to Backward Community and 8 to Scheduled Caste/Scheduled Tribe.

Out of 85 students appeared for the final year Examination 35 came out successful. 10 students were absent for the whole examination.

The intake capacity of the hostel attached to the Institution is 180, but only 43 students were admitted during the year. Thus the total number of inmates of the hostel is 61.

Details of Scholarship, stipend, etc.

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Total amount</i> <i>Rs.</i>
1. Government of India Scholarship to Scheduled Caste/Scheduled Tribe students	8	11,303-71
2. Stipend from Harijan Welfare Department (Special Eligible Backward Community)	251	37,733-64

Adding 377 books worth Rs. 600 purchased during the year, the total number of books in the Library is 4063.

The following staff members were deputed for short term Training Courses conducted during summer vacation in different subjects under Quality Improvement Programme during the year.

1. Sri P. George John, Head of Mechanical Section
2. „ B. Abdul Jalal, Lecturer in Mech. Engineering
3. „ A. Haridas, Assistant Lecturer in Mechanical Engineering
4. „ K. C. Mohammed Ali, Demonstrator in Mechanical Engineering
5. „ N. K. Divakaran, Lecturer in Textile Technology
6. „ T. Gangand..aran, Demonstrator in Textile Technology
7. „ T. K. Priyadathan, Lecturer in Civil Engineering.
8. „ T. Raveendran, Head of Electrical Engineering.

<i>Names of persons deputed for training</i>	<i>Name of training deputed for</i>
1. Sri E. Rajan, Workshop Instructor	} Technical Teachers Training Institute, Madras
2. Sri P. A. Moosa, Demonstrator in Civil Engineering	

The total receipt of the institution including the hostel attached to the Institution during the year under review is (5,494+,6906.00) Rs. 12,400 00 and expenditure Rs. 5,46,128 00:

4. *Kerala Government Polytechnic, Calicut.*—3 year Diploma Courses in Civil, Mechanical, Electrical and Chemical Engineering and 4 year Part-time Diploma Courses in Civil Engineering, Electrical and Mechanical Engineering were conducted during the year under review in the institution.

The intake of the Institution was 198 for full-time course and 48 for part-time course. During the year 189 students were admitted for the full-time course and 48 students for the part-time course of whom 157 belonged to Backward Communities and 44 to Scheduled Castes/Scheduled Tribes. The total strength of the institution stood at 609 with 257 Backward Communities students and 44 Scheduled Castes/Scheduled Tribes students on the rolls.

113 students appeared for the final year examination and 54 came out successful.

In the hostel attached to the institution with an intake capacity of 280, there were 143 inmates during this year.

Details of stipend and scholarship.

	<i>Name of stipend</i>	<i>No. of students</i>	<i>Amount Rs.</i>
1	Government of India Scholarship to the S.C./S.T. students ..	34	52,470-21
2.	Stipend from Harijan Welfare Department.—		
	(a) The S.E.B.C. students ..	223	13,700-00
	(b) The F.C. students ..	19	4,800-00
	(c) The O.B.C. students ..	7	5,600-00

Fifty-five books were purchased during the year under review. The amount spent on this account is Rs. 871-57. The total number of Library books is 5366.

In the field of extra curricular activities an amount of Rs. 13,062-32 was spent during the year.

Details of persons deputed for training.

	<i>Name of person</i>	<i>Name of training deputed for</i>	<i>Duration of training</i>
1.	Sri M. S. Joseph, Assistant Lecturer	Sequential Summer School	7-5-1974 to 15-7-1974
2.	„ S. Upendran Nair, Assistant Lecturer	do.	do.
3.	„ K. P. Santakumar, Lecturer	Unitary Summer School Training	19-5-1975 to 19-6-1975
4.	„ K. Madhavan, Lecturer	Summer School Training	4-6-1975 to 2-7-1975
5.	K. Raman, Lecturer	T.T.T.I. Madras B. Tech. Ed. Course	From 2-8-1974
6.	A. A. Populose, Demonstrator	do.	6-1-1975

The total receipt of the institution including the hostel attached to the institution during the year is Rs. 1,27,535-05 and total expenditure is Rs. 11,30,348-18.

5. *Government Polytechnic, Perinthalmanna.*—3 year Diploma Course^s in Civil, Electrical and Mechanical Engineering were conducted in the institution during the year under report.

The annual intake of the institution was 120 against which 98 students were admitted during the year. The total strength of the institution was 211. There were 44 students belonging to Other Backward Communities and 14 students to Scheduled Castes/Scheduled Tribes among the students admitted during the year. On the rolls there were 107 students belonging to Other Backward Communities and 25 students to the Scheduled Castes/Scheduled Tribes.

Fifty-nine students appeared for the final year examination and 27 came out successful.

In the hostel attached to the institution with an intake capacity of 180, there were 65 inmates during the year.

The students were paid the following scholarships and stipends.

<i>Name of scholarship</i>	<i>No. of students</i>	<i>Amount paid Rs.</i>
1. Stipend from Harijan Welfare Department.		
(a) The S.E.B.C. and F.C. students ..	110	55,937.59
(b) The O.E.C. students ..	5	6,876.38
(c) The S.C./S.T. students ..	20	32,861.28
2. Details of other scholarships.—		
Temple entry proclamation scholarship	1	50.00

An amount of Rs. 2,434.86 is spent for extra curricular activities of the institution.

Details of persons deputed for Training Course:—

<i>Name of person</i>	<i>Name of training deputed for</i>	<i>Duration of training</i>
1. Sri P. A. Iavikutty, Head of Civil Engineering	N.C.C. Refresher Course at O.T.S. Kampter	1 month (February 1975)
..	Army attachment course at Bangalore	1-month (June 1975)
2. Sri A. Balakrishnan, Demonstrator	T.T.T.I., Madras "Preparation of Teaching Aids"	4 weeks (June-July 1975)
3. Sri T. Gopalakrishnan, Workshop Instructor	"	"

The total receipt of the institution including the hostel attached to that is Rs. 74,603.80 and total expenditure is Rs. 4,25,917.18.

6. *Maharaja's Technological Institute, Trichur.*—Three year Diploma course and Four year part-time courses in Civil, Mechanical and Electrical Engineering were conducted during the year under report in the institution. The sanctioned intake of the institution was 96 for full-time course and 48 for part-time course. During the year 96 students were admitted for the full-time course and 47 for part-time course of whom 60 belonged to Other Backward Communities students and 7 to Scheduled Castes/Schedule Tribes. The total strength of the institution was 365, with 164 Other Backward Communities students and 23 Scheduled Castes/Scheduled Tribes students.

In the hostel attached to the institution with an intake capacity of 108, there were 75 inmates during the year.

Details of scholarship/stipend, etc.—

<i>Name of scholarship</i>	<i>No. of students</i>	<i>Amount Rs.</i>
1. Government of India Scholarship (Central Government)	.. 24	39,040.00
2. State concessions to O.E.S. students	.. 4	4,840 00
3. Stipend paid by Harijan Welfare Department	.. 118	59,595 00

377 books worth Rs. 1,013-90 were purchased during the year making the total number of library books 5,589.

The total receipt of the institutions including the hostel attached to the institution is Rs. 91,557-70 and expenditure is Rs. 7,15,592-03.

The M.T.I. participated in the Iner-Poly Tournaments.

Details of persons deputed for training—

<i>Name of person</i>	<i>Name of training deputed for</i>	<i>Duration of training</i>
1. Sri P. S. Aravindakshan, Head of Section, Electrical Engi- neering	T.T.T.I., Madras	25-2-1974 to 8-3-1974
2. „ C. Radhakrishnan, Lecturer	A.I.P. at T.T.T.I., Madras	2-9-1974 to 11-9-1974
3. „ P. V. Mathai, Lecturer	do.	2-9-1974 to 11-9-1974
4. „ M. Valsalam	do.	16-9-1974 to 27-9-1974
5. „ K. Assan, Tutor in English	do.	18-11-1974 to 28-11-1974

7. *Government Polytechnic, Kalamassery*.—Following courses of study were conducted in the institution during the year under report.

(1) Three year full-time Diploma Courses in Civil, Mechanical, Electrical, Automobile Engineering and Chemical Technology.

(2) Part-time Diploma Courses in Civil, Mechanical and Electrical branches of Engineering.

The sanctioned strength of the institution was 182, for full-time course and 48 for part-time course. During the year under review 182 students were admitted for full-time and 44 students for the part-time courses of whom 112 belonged to Other Backward Communities and 7 were Scheduled Castes/Scheduled Tribes students.

The total strength of the institution was 622 with 289 Backward Communities students and 18 students on the rolls.

235 students were presented for the final year examination.

In the hostel attached to the institution with an intake capacity of 271 there were 186 inmates during the year under review.

Details of scholarship/stipend, etc:—

<i>Name of scholarship</i>	<i>No. of students</i>	<i>Amount Rs.</i>
1. National Loan Scholarship ..	2	1,440 00
2. National Merit Scholarship ..	1	700 00
3. Subrado Memorial Scholarship ..	1	840 00
4. Scholarship for the Children of freedom fighters ..	1	180 00
Stipend from Harijan Welfare Department (S.C./S.T.) ..	18	14,619 10
" O.E.C. ..	2	3,785 11
" O.B.C. ..	2	605 00
S.E.B.C. students (under Kumara Pillai Commission Report) ..	285	1,33,652 13

Details of other scholarship—

Technology Scholarship ..	3	169 44
---------------------------	---	--------

Three books worth Rs. 9 40 were added to the library raising the total number of books to 5,647.

Total receipt of the institution including the hostel was Rs. 1,69,442 61 and the total expenditure was Rs. 8,50,382 81.

Sri S. Salim, Assistant Lecturer in Electrical Engineering was deputed to T. T. T. I., Madras for B. Tech. from 10th July 1974 A N.

8. *Government Polytechnic, Kottayam.*—Full-time Diploma Course in Civil, Mechanical and Electrical branches of Engineering were conducted in the institution during the year under review. The sanctioned annual intake of the institution was 96. During the year 96 students were admitted to the institution of which 37 belonged to Other Backward Community and 7 to Scheduled Castes/Scheduled Tribes. The total strength of the institution was 236, with 100 Other Backward Community students and 13 Scheduled Castes/Scheduled Tribes students on the rolls.

Sixty-two students were presented for the final year examination.

In the hostel attached to the institution 39 students were newly admitted and in all there were 56 inmates during the year.

Eight books worth Rs. 120 29 were added to the Library raising the total number of books $3005 + 402 = 3407$.

Details of scholarship and stipend.

<i>Name of scholarship</i>	<i>No. of students</i>	<i>Amount Rs.</i>
Scheduled Castes/Scheduled Tribes students	13	8,294.10
X'ian converts	6	5,543.35
S. E. B. C.	87	16,420.80
Other scholarship students	8	1,464.40

The following officers were deputed for training/refresher course during the year under review.

(1) Smt. M. A. Chinnamma, Draftsman (Civil) was deputed for Technical Teacher's Training at T. T. T. I., Madras from 2nd July 1973 to 20th December 1974.

(2) Sri P. Rajappan Achary, Demonstrator (Electrical) was deputed for Technical Teacher's Training at T. T. T. I., Madras from 2nd July 1973 to 20th December 1974.

Total receipt of the institution including hostel was Rs. 77,269.51 and the total expenditure was Rs. 4,77,138 60.

9. *Central Polytechnic, Trivandrum.*—Full time diploma courses of 3 years duration and part-time diploma course of 4 years duration in Civil, Mechanical and Electrical Engineering were conducted in the institution during the year under report. Besides full-time diploma courses of 3 years duration in Textile Technology and Electronics and a

certificate course of 2 years duration—in Textile Technology were also conducted. Sanctioned annual intake of the institution for all the courses including part-time was 282 as detailed below:

Full-time course	..	180
Part-time (Diploma)	..	72
Certificate course in Textile	..	30
Total	..	<u>282</u>

257 students were admitted during the year under review. Of them 68 students belonged to Backward Community and 27 to Scheduled Castes. On the whole there were 627 students on the rolls of which 155 belonged to Backward Community and 48 to Scheduled Castes/Scheduled Tribes.

121 students were presented for the final year examination of which 53 came out successful.

In the hostel attached to the institution with an intake capacity of 180 students 96 students were admitted making a total of 107 inmates in the hostel.

550 books worth Rs. 9,145 were added to the Library. Thus the total number of books at the end of the year was 11,780.

Details of stipend/scholarship, etc.—

<i>Name of stipend</i>	<i>No. of students</i>	<i>Amount Rs.</i>
1. Stipend under Kumara Pillai Commission (S. E. B. C.)	.. 155	76,623.45
2. Monthly stipend, mess charge, etc., to Scheduled Castes/Scheduled Tribes students from Harijan Welfare Department	.. 48	72,114.50

Details of persons deputed for training course.—Sri V. R. Rajasekharan Nair, Workshop Instructor, Smt. T. P. Reethamma, Demonstrator and Smt. M. A. Sarojini, Demonstrator were deputed for Technical Teacher s Training for a period of 1½ years from 13th January 1975.

Receipts and Expenditure:—

	<i>Receipts</i> Rs.	<i>Expenditure</i> Rs.
Institution	1,05,077-01	11,13,615-05
Hostel	14,114 13	48,564 00

10. *Sree Rama Polytechnic, Valappad.*—Sree Rama Polytechnic, Valappad was started in the year 1958 under the private sector managed by the Sree Rama Polytechnic Committee under the Scheme of Assistance from Central and State Governments. During the year 1960 the management could not meet the financial requirement of the institution and the State Government had underwritten the institution vide G. O. Rt. No. 35/Edn., dated 4th January 1961. According to the decision taken in the governing body meeting held on 4th April 1966 the institution was taken over by Government with effect from 1st July 1972 as per G. O. MS. No 136/72 Edn., dated 30th June 1972 along with its assets and liabilities.

Three year Diploma Courses in Civil, Mechanical and Electrical Engineering were conducted in the institution for the year 1974-75 with an annual intake of 96. All seats were filled up by admission during the year under report. The total strength of the institution during the year under report was 215. Among the newly admitted students 75 students belonged to Other Backward Communities and 6 to Scheduled Castes/Scheduled Tribes. Of the total strength of students 179 belonged to Other Backward Communities and 15 to Scheduled Castes.

Out of 34 students appeared for the final year examination 11 came out successful during the year under report.

Fifteen Scheduled Castes students were paid an amount of Rs. 8,721-44 as stipend lump sum grant from the Department of Harijan Welfare during the year 1974-75. An amount of Rs. 29,132-45 was paid to 178, Socially and Educationally Backward students as stipend.

An amount of Rs. 1,130 80 was spent for the purchase of library books during the year. The total number of library books in the institution was 1739. An amount of Rs. 4,353 was spent for the extra curricular activities of the institution during the year.

The total receipt of the institution was Rs. 55,292-96 and expenditure was Rs. 3,29,648.

Sri P. K. Ittoop, Demonstrator in Mechanical Engineering was deputed for the Summer School for Foundry Technology at M.E.L. Polytechnic, Bangalore from 3rd June 1974 to 29th June 1974.

11. *Women's Polytechnic, Trichur.*—Three year Diploma Course in Commercial Practice and Electronics and two year diploma course in Costume Design and Dress making were conducted during the year under report. Sanctioned strength for each course is as follows:—

1. Commercial practice	..	50
2. Electronics	..	40
3. Costume Design and Dress Making	..	30

All the seats were filled up during the year. Among the newly admitted students, 65 belonged to Backward Community and 4 to Scheduled Castes/Scheduled Tribes. Of the total strength viz. 348 there were 126 Backward Community students and 20 Scheduled Castes/Scheduled Tribes students.

Out of the 91 students appeared for the final year examination 48 came out successful.

There is a hostel attached to the institute which accommodates 80 students. There were 58 inmates by admitting 18 during the year under report.

The following scholarships and stipends were paid during the year.

Sl. No.	Name of scholarships, stipends, etc.	No. of students received	Total amount paid Rs.
1.	Non-repayable merit-cum-means scholarship	.. 19	8,278-56
2.	S.E.B.C. (K.P.C.R. stipend)	.. 118	29,401-04
3.	S.C. students—day scholars and hostellers	.. 20 } .. 10 }	16,795-43
4.	Other allowances to S.C. students	..	2,939-82

Rs. 1,500 were spent for extra curricular activities. The total receipt of the institution for the year is Rs. 13,796-40 and total expenditure is Rs. 1,84,572 65.

Smt. P. Rugmini, Assistant Instructor in Tailoring was deputed to attend the refresher course in tailoring at the Women's Polytechnic, Trivandrum for a period of one month.

12. *Women's Polytechnic, Trivandrum*—Diploma course in the following subjects were conducted during the year 1974-75.

1. Diploma in Commercial Practices (3 years duration)
2. Diploma in Instrument Technology (3 years duration)
3. Diploma in Costume Design and Dress Making (2 years duration)

The sanctioned annual intake for Diploma in Commercial Practice was 50, Diploma in Instrument Technology was 15 and Diploma in Costume Design and Dress Making was 30. All the seats for these courses were filled up during the year.

Among the students admitted during the year under report, 38 belonged to the Backward Communities and 19 to Scheduled Castes. Of the total strength of 226 students in the Institution 95 and 32 students were of Backward Communities, Scheduled Castes/Scheduled Tribes group respectively.

Sixty-seven students were presented for the final year examination during that year.

There is a proposal to start a hostel in the Institution.—

Details of Scholarships, stipends, etc.

<i>Sl. No.</i>	<i>Name of Scholarship</i>	<i>No. of students received</i>	<i>Total Amount</i> <i>Rs.</i>
1.	Merit-cum-Means Scholarship	.. 15	4,913.45
2.	Scheduled Castes/Scheduled Tribe students (stipend)	.. 32	30,100.00
3.	X'ian converts, Kudumbis, etc. (stipend)	.. 11	12,000.00
4.	Socially and Educationally Backward Communities	.. 86	25,600.00

Adding 124 library books worth Rs. 3,032.77 purchased during the year under report the total number of books in the library stood at 2124.

An amount of Rs. 3,000.00 was spent for extracurricular activities and Rs. 2,000 for educational tour.

The total receipt in respect of this institution for the year under report is Rs. 6,561.70 and total expenditure is Rs. 1,98,583.76.

Sri R. Gangadharan Nair, former Lecturer in Commerce and Sri S. Subramonia Pillai, Instructor in Secretarial Practice and Business Correspondence were sent for a course on commerce teaching to Technical Teacher's Training Institute, Madras.

13. *Women's Polytechnic, Calicut.*—Three year Diploma Course in Commercial Practice and 2 year Diploma Course in Costume Design and Dress Making were conducted during the year under review. The sanctioned annual intake for these courses was 50 and 30 respectively. The number of students admitted during the year are detailed below:

1. Diploma in Commercial Practice	..	50
2. Costume Design and Dress Making	..	23

Thirty four of these students were Backward and 11 to Scheduled Castes/Scheduled Tribes. There were 189 students on the roll of whom 77 were from Backward Communities and 20 from Scheduled Castes/Scheduled Tribes.

Fifty-seven students were presented for the final year examination during the year under report.

A hostel with a capacity of 70 inmates was functioning with 53 inmates by admitting 18 inmates during the year under review.

Details of Scholarships/Stipends, etc.—

<i>Name of Scholarship/Stipend</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
1. Government of India Scholarships	.. 1	600-00
2. Merit-cum-Means Scholarship	.. 16	5,620-00
3. Stipend paid by Harijan Welfare Department	.. 76	22,586-47
4. Stipend to Scheduled Castes/Scheduled Tribes, Other Eligible Communities	.. 21	21,911-52

Adding 127 library books worth Rs. 1,086-00 purchased during this year under review, the total number of library books is 2120.

Students of this institution participated in Inter-polytechnic Athletic Meet during the year under report.

Sri M. Chandran, Junior Lecturer attended a short term course on Secretarial Business Practices, I.S.T.E. Summer School for 27 days at Kamala Nehru Polytechnic for Women, Hyderabad during the year.

Smt. P. D. Mariamma, Instructor in Tailoring, Smt. Nalini-kutty, Assistant Instructor in Embroidary, Smt. Narayani A.T., Assistant Instructor in Tailoring and Smt. B. Lalithamma, Skilled Assistant in Tailoring attends a refresher course in tailoring from 7th May 1975 to 6th June 1975 at the Women's Polytechnic, Trivandrum.

The total receipt of institution including the hostel attached to it during the year is Rs. 9,237-6½ and expenditure is Rs. 1,66,719 71.

14. *Institute of Printing Technology, Shoranur.*—Three year Diploma Course in Printing Technology (letter press group) was conducted in the institution during the year under review. The sanctioned annual intake of the above course is 30 and full strength was admitted for the year under report, of the admission made 15 belonged to Backward Communities, 2 Scheduled Castes, 1 Scheduled Tribe. The total strength of the institution during the year is 83, of which 4½ were Backward Community students and 5 Scheduled Castes/Scheduled Tribes.

Twenty-six students were presented for the final year examination during the year.

Details of Scholarship, Stipend, etc.—

<i>Name of Scholarship/Stipend</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
S.E.B.C.	40	
SC/ST	5	24,215 33

Twenty-eight numbers of Library books, worth Rs. 1,166 67 were purchased during the year. Total number of library books during the year is 851. 23 books worth Rs. 2,909 80 were received from the Central Polytechnic, Trivandrum.

Rs. 2,413 08 were spent for extracurricular activities during the year under report.

Sri S. Purushothaman, Lecturer in Business Management and Administration was deputed for training in workshop on "Introduction of Production-cum-Training Centres in Polytechnics" at Allahabad Polytechnic, Allahabad. Sri Purushothaman was also deputed for attending a Seminar on Technical Education at T.K.M. Engineering College, Quilon.

Total receipt of the Institution during 1974-75 is Rs. 23,717 66 and expenditure is Rs 1,69,776 32.

15. *Junior Technical School, Attingal.*—(J.T.S.L.C.) Junior Technical School Leaving Certificate Course of 3 years duration was conducted in the institution during the year under report. Against the sanctioned intake of 60, 51 students were admitted during the year. Of the total number of 171 students on the rolls there are 110 Backward Class students and 18 Scheduled Castes and Scheduled Tribe students.

Out of 55 students who appeared for the final year examination 17 came out successful.

Details of Scholarships/Stipends.—

<i>Name of Scholarship/ Stipend</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
Merit-cum-Means Scholarships ..	9	2,850
Other Scholarships/Stipends etc., ..	14	7,111.55

Sixteen books were purchased during the year. Various competitions were held in connection with the youth festival. 14 students participated in District Sports Competition during the year under report.

The total receipt of the Institution during the year is Rs. 1,692.37 and expenditure is Rs. 2,05,393.49.

16. *Junior Technical School, Nedumangad.*—J.T.S.L.C. Course of 3 year duration was conducted in the institution. The sanctioned annual intake for the course was 60. All the seats were filled up. Among the newly admitted students 28 were Other Backward Communities and 5 Scheduled Castes/Scheduled Tribes. The total strength of the Institution was thus 168, among whom were 85 Other Backward Communities students and 12 Scheduled Castes/Scheduled Tribes.

Details of Scholarship/Stipend etc.—

<i>Name of Scholarship/ stipend</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
1. Merit-cum-Means Scholarship ..	9	3,884.60
2. Stipend from Harijan Welfare Department ..	27	14,705.00

Nine books worth Rs. 11.30 were purchased during the year making total number of library books at the end of the year 287.

Students took part in Interschool District Sports.

Sri C. Viswanathan, Workshop Instructor was deputed for training at Technical Teachers Training Institute, Adayar, Madras.

The total receipt of the Institution is Rs. 1,079.20 and expenditure is Rs. 1,52,231.55.

17 *Junior Technical School, Adoor.*—J.T.S.L.C. Course of 3 years duration was conducted in the institution during the year under report. The sanctioned annual intake for the course is 60. All the seats were filled up during the year. Among the newly admitted students 9 were Backward Community students and 5 Scheduled Tribes/Scheduled Castes and one to Xian converted. The total strength of the Institution was 172,24 belong to Other Backward Communities 12 to Scheduled Tribes/Scheduled Castes and 3 to Other Eligible Communities.

The number of students appeared for the final year examination was 60 and 33 students with three first class came out successful.

Details of Scholarships/Stipends etc.—

<i>Name of Scholarship/Stipend</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
Merit-cum-Means scholarship	.. 11	2,074·63
Stipend from Harijan Welfare Department	.. 13	8,960·97

Eight books worth Rs. 31·25 were purchased for the Library during the year thus making the total number of books at the end of the year is 740. The Institution conducted sports festival and spent an amount of Rs. 74 of this account.

Sri S. Madhusoodana Kumar, Draftsman, Mechanical Engineering was sent for training at the Technical Teachers Training Institute, Madras during the year.

The total receipt of the Institution is Rs. 472·35 and expenditure is Rs. 2,05,081·19.

18. *Junior Technical School, Ezhukone.*—J.T.S.L.C. Course of 3 year duration was conducted during the year under report. The sanctioned intake of the Institution during the year under report was 60 and all the seats were filled up during the year. 20 of the newly admitted students were Backward Communities and 11 Scheduled Castes/Scheduled Tribes and in the total strength of 189 students, 59 belonged to Backward Communities and 30 to Scheduled Castes/Scheduled Tribes.

Sixty-four students appeared for the final year examination and 39 came out successful.

Details of Scholarship/Stipend.—

<i>Name of Scholarship/stipend</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
1. Non repayable Scholarship	.. 17	3,044·20
2. Stipend from Harijan Welfare Department	.. 30	16,064·75

5 books were purchased during the year under report costing Rs. 10 making the total number of Library books at the end of the year was 794. The students of this Institution participated in the Inter School Sports. A sum of Rs. 100 was spent on this account.

The total receipt and expenditure of the Institution during the year were Rs. 404.64 and Rs. 1,69,189 respectively.

19. *Junior Technical School, Shertallai.*—J.T.S.L.C. Course of 3 years duration was conducted in the institution during the year under report. Against the sanctioned intake of 60 students 66 students were admitted during the year. Among the new students 16 belonged to Backward Communities and 5 to Scheduled Castes/Scheduled Tribes. Of the 178 students in the Institution 66 students belonged to Backward Communities and 13 to Scheduled Castes/Scheduled Tribes.

Sixty-one students were presented for the final year examination during the year and 20 came out successful.

Details of Scholarship, Stipend etc.

<i>Name of Scholarship/ Stipend etc.</i>	<i>No. of Students</i>	<i>Total Amount Rs.</i>
1. Merit-cum-Means Scholarship ..	16	2,784.00
2. Stipend paid from Harijan Welfare Department ..	14	8,049.50

10 books worth Rs. 19 were purchased making the total number of books at the end of the year to 625.

The total receipt of the Institution during the year under report is Rs. 3,758.05 while expenditure is Rs. 2,00,400.20.

20. *Junior Technical School, Krishnapuram.*—J.T.S.L.C. Course of 3 years duration was conducted in the Institution during the year under report. Against the sanctioned intake of 60 students 54 students were admitted during the year. Among the newly admitted students 36 belonged to Backward Class and 5 to Scheduled Castes/Scheduled Tribes. Of the total strength of 158 students 95 belonged to Backward Communities and 13 to Scheduled Castes/Scheduled Tribes.

Forty-eight students appeared for the final year examination and 21 came out successful

Details of Scholarship/Stipend etc.—

<i>Name of Scholarship/ Stipend etc.</i>	<i>No. of students sanctioned</i>	<i>Total Amount Rs.</i>
1. Merit-cum-Means Scholarship	4	902·24
2. Harijan Welfare Department	12	5,795·65

Including 8 books worth Rs. 21·45 purchased, the total number of books at the end of the year is 327.

The total receipt during the year is Rs. 1,448·59 and expenditure is Rs. 2,02,679·27.

21. *Junior Technical School, Palai.*—J.T.S.L.C. Course of 3 year duration was conducted during the year under review.

The sanctioned annual intake for the course is 60 and all the seats were filled up during the year under report. Among the newly admitted students 15 belonged to Backward Communities and 6 to Scheduled Castes/Scheduled Tribes. Of the total strength of 159 students 57 belonged to Backward Communities and 10 to Scheduled Castes/Scheduled Tribes.

Fourty-six students appeared for the final year examination and 23 came out successful.

Details of Scholarship/Stipends.

<i>Name of Scholarship/ Stipend etc.</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
1. Non repayable Scholarship . .	10 per cent of the total strength	3,016·00
2. Stipend paid from Harijan Welfare Department . .	15	8,766·00

Rs. 325 were spent for extracurricular activities.

The total receipt of the institution during the year under review is Rs. 4,292·85 and expenditure is Rs. 1,86,226·19.

22. *Junior Technical School, Pampady.*—J.T.S.L.C. Course of three years duration was conducted in the Institution during the year under report. Against the sanctioned intake of 60 students 55 students were admitted during the year under report. Among the newly admitted students 14 belonged to Backward Communities and 6 to Scheduled Castes/Scheduled Tribes. Of the total strength of 177 students 36 belonged to Backward Communities and 24 to Scheduled Castes/Scheduled Tribes.

Fifty-nine students appeared for the final year examination and 11 came out successful.

Details of Scholarship, Stipend, etc.

<i>Name of Scholarship/ Stipend etc.</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
1. Merit-cum-Means Scholarship Non repayable scholarship	.. 9	1,528·05
2. Stipend paid from Harijan Welfare Department	.. 23	12,969·05

Students took active part in sports and games towards which an amount of Rs. 231 was spent.

The total receipt and expenditure of the Institution during the year are Rs. 765·00 and Rs. 1,87,973·00 respectively.

23. *Junior Technical School, Perumbavoor.*—J.T.S.L.C. Course of 3 years duration was conducted in the Institution during the year under report.

The sanctioned intake of the Institution was 60. All the seats were filled up. Among the newly admitted students 15 belonged to Backward Communities and 5 to Scheduled Castes/Scheduled Tribes. Of the strength of 176 students 48 belonged to Backward Communities and 12 belonged to Scheduled Castes/Scheduled Tribes.

Fifty-five students appeared for final year examination and 31 came out successful.

Details of Scholarship/Stipend etc.

<i>Name of Scholarship/ Stipend etc.</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
1. Merit-cum-Means Scholarships	.. 17	.. 3,404·30
2. Stipend from Harijan Welfare Department	.. 11	6,600·00

Sri K. Sukumaran Nair, Workshop Instructor (Electrical) was deputed for Technical Teachers Training at T.T.T.I., Madras.

The total receipt of the Institution is Rs. 2,225·01 and total expenditure is Rs. 1,77,393·76.

24. *Junior Technical School, Kunnamkulam.*—J.T.S.L.C. Course of 3 years duration was conducted during the year under report. Against the sanctioned annual intake of 60, 57 students were admitted during the year under review. Among the newly admitted students 23 belonged to Backward Communities and 12 to Scheduled Castes/Scheduled Tribes.

Sixty-two students appeared for the final year examination and 2 came out successful.

Details of Scholarship/Stipend etc.,

Sl. No.	Scholarship/Stipend	No. of students	Total Amount Rs.
1.	Government of India Scholarships	5	196.45
2.	Stipend paid from Harijan Welfare Department	27	585.80

The total number of Library Books at the end of the year under review is 696.

An amount of Rs. 230 was spent for extracurricular activities.

The total receipt of the Institution during the year was Rs. 3,328.34 and total expenditure was Rs. 1,78,145.76.

Sri K. N. Sadanandan, Workshop Instructor was deputed for Technical Training at T.T.T.L, Madras.

25. *Junior Technical School, Kodungallur.*—J.T.S.L.C. Course of 3 years duration was conducted in the Institution during the year under report. Against the sanctioned annual intake of 60, 50 students were admitted during the year. Among the newly admitted students 40 belonged to Backward Communities and 6 to Scheduled Castes/Scheduled Tribes. Of the total strength of 171 students, 141 belonged to Backward Communities and 18 to Scheduled Castes/Scheduled Tribes.

Sixty-five students appeared for the final year examination 35 came out successful.

Details of Scholarship/Stipend, etc.,

Name of Scholarship/Stipend, etc.	No. of students	Total Amount Rs.
Non-repayable Scholarship	14	2,727.65
Stipend paid from Harijan Welfare Department	17	9,072.85

Six Library Books worth Rs. 13.80 were added making the total number of the library books during the year to 396. An amount of Rs. 137.79 was spent for the Celebration of Annual Day and Sports Day.

The total receipt of the Institution during the year under report was Rs. 833·00 and expenditure was Rs. 1,90,011·41.

Sri K. V. Ravindran, First Grade Draftsman was deputed for training in "objective based approach to teaching and evaluation" at the Regional College of Education, Mysore from 22nd April 1974 to 4th May 1974.

26. *Junior Technical School, Shoranur.*—J.T.S.L.C. Course of three years duration was conducted during the year under report. Against the sanctioned annual intake of 60, 66 students were admitted during the year under report. Of the total strength of 158 students of the Institution 81 belonged to Backward Communities and 21 to Scheduled Tribes/Scheduled Castes.

Forty-six students appeared for the final year examination and 33 came out successful.

Details of Scholarship, Stipend, etc.

Sl. No.	Name of Scholarship, Stipend, etc.	No. of Students	Total Amount Rs.
1.	Non-repayable merit-scholarship	11	2,446·85
2.	Stipend paid by Harijan Welfare Department	20	11,533·14

Sixty-three Library books worth Rs. 250·30 were purchased during this year. The total number of Library books at the end of the year is 659.

The total receipt of the Institution during the year was Rs. 1,427·16 and expenditure was Rs. 1,48,713·91.

Sri P. Mamoo, Instructor in Engineering attended the service programmes to the Secondary School Teachers in Junior Technical School at the Regional College of Education, Mysore.

27. *Junior Technical School, Manyeri.*—J.T.S.L.C. Course of 3 years duration was conducted in the institution during the year under report. Against the sanctioned annual intake of 60, 52 students were admitted during the year under report. Among the newly admitted students 36 belonged to Backward Communities and 10 to Scheduled Castes/Scheduled Tribes. Of the total strength of 163 students in the institution 79 belonged to Backward Communities and 28 to Scheduled Castes/Scheduled Tribes.

Fifty-six students appeared for the final year examination and 18 came out successful.

Details of Scholarship/Stipend, etc. —

<i>Name of Scholarship/ Stipend, etc.</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
1. Non-repayable scholarship ..	3	493.30
2. Stipend paid from Harijan Welfare Department ..	28	11,297.55

Twenty-five numbers of books worth Rs. 394.50 were purchased during the year. Total number of books at the end of the academic year is 580. An amount of Rs. 117.16 was spent for the extracurricular activities of the institution during the year.

Sri P. Narayanan, Workshop Instructor in Automobile, was deputed for training at the Technical Teachers Training Institute, Madras.

The total receipt of the institution during the year under report was Rs. 1,235.78 and the total expenditure was Rs. 1,80,909.88.

28. *Junior Technical School, Koratty.*—J.T.S.L.C. Course of 3 years duration was conducted in the institution during the year under report. Against the sanctioned annual intake of 60 students 57 were admitted during the year under report. Among the newly admitted students 3 belonged to Backward Communities and 6 to Scheduled Castes/Scheduled Tribes. Of the total strength of 179 students in the institution 13 belonged to Backward Communities and 6 belonged to Scheduled Castes/Scheduled Tribes.

Sixty-two students appeared for the final year examination and 20 came out successful.

Details of Scholarship/Stipend, etc.—

<i>Name of Scholarship/ Stipend, etc.</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
1. National Scholarship ..	1	150.00
2. Stipend from Harijan Welfare Department ..	9	5,077.00
3. Harijan Welfare Non-repayable Scholarship ..	14	2,723.90

Adding 7 books worth Rs. 34.80, total number of books at the end of the year is 446.

The total receipt of the institution during the year under review was Rs. 2,723-90 and expenditure Rs. 1,77,775-74.

29. *Junior Technical School, Chittur*.—J.T.S.L.C. Course of 3 years duration was conducted during the year under report. Against the sanctioned annual intake of 60, 43 students were admitted during the year. Among the newly admitted students 24 belonged to Backward Communities and 7 to Scheduled Castes/Scheduled Tribes. Of the total strength of 147 students in the institution 86 belonged to Backward Communities and 29 to Scheduled Castes/Scheduled Tribes.

Forty-eight students appeared for the final year examination and 9 came out successful.

Details of Scholarships/Stipend, etc.—

<i>Name of Scholarship/ Stipend, etc.</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
1. Non-repayable Scholarship ..	2	381-75
2. Stipend paid from Harijan Welfare Department ..	24	13,864-80

Adding 13 books worth Rs. 91-15 purchased during the year, the total number of library books at the end of the year was 491.

Sri P. K. Karthikeyan, D'man was deputed for a Refresher Course at Mysore during the year.

The total receipt of the institution during the year under review was nil and expenditure was Rs. 1,21,204.

30 *Junior Technical School, Calicut*.—J.T.S.L.C. Course of 3 years duration was conducted during the year under report.

The sanctioned annual intake of the institution was 60 during the year. All the seats were filled up. Among the newly admitted students 31 belonged to Backward Communities and 6 to Scheduled Castes/Scheduled Tribes. Of the total strength of 170 students 90 belonged to Backward Communities and 19 to Scheduled Castes/Scheduled Tribes.

Fifty-four students appeared for the final year examination and 14 came out successful.

Details of Scholarship/Stipends, etc.—

<i>Name of Scholarship/ Stipend, etc.</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
1. Non-repayable Scholarship ..	12	2,337-60
2. Stipend paid from Harijan Welfare Department ..	19	10,919-49

Adding 33 books worth Rs. 193 purchased during the year, total number of library books at the end of the year was 812.

Total receipt of the institution during the year under report was nil and expenditure was Rs. 1,38,596·09.

31. *Junior Technical School, Badagara.*—J.T.S.L.C. Course of 3 years duration was conducted during the year under report. The sanctioned annual intake was 30 and all the seats were filled up during the year. Among the newly admitted students 20 belonged to Backward Communities and 4 to Other Eligible Communities. Of the total strength of 91 students, 51 belonged to Backward Communities, 1 to Scheduled Caste/Scheduled Tribe and 7 belonged to Other Eligible Communities.

Out of the 27 students appeared for the final year examination 22 came out successful.

Details of Scholarships/Stipends, etc.—

<i>Name of Scholarship/ Stipend, etc.</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
1. Non-repayable Merit-cum-Means Scholarship	.. 8	1,600·00
2. Stipend paid from Harijan Welfare Department	.. 8	4,800·00

The total receipt of the institution during the year under review was Rs. 1,854·73 and expenditure Rs 1,83,151·29.

32 *Junior Technical School, Cannanore.*—J.T.S.L.C. Course of 3 years duration was conducted during the year under report. Against the sanctioned annual intake of 60, 56 students were admitted during the year. Among the newly admitted students 43 belonged to Backward Communities and 5 belonged to Scheduled Castes/Scheduled Tribes. Of the strength of 154 students of the institution, 135 belonged to Backward Communities and 5 to Scheduled Castes/Scheduled Tribes.

Out of the 41 students appeared for the final year examination, 28 came out successful.

Details of scholarship/stipend, etc.—

<i>Name of scholarship/ stipend, etc.</i>	<i>No. of students</i>	<i>Total Amount Rs.</i>
1 Merit-cum-means Scholarship	.. 15	2,921.49
2. Stipend paid from Harijan Welfare Department	.. 10	5,788.50

Adding 10 books worth Rs. 20.20 purchased during the year, the total number of library books at the end of the year was 819.

Sri V. Ravindranatha Babu, Draftsman 1st Grade was deputed for training at Technical Teacher's Training Institute, Madras.

The total receipt of the institution during the year under report was Rs. 748.04 and the expenditure was Rs. 1,62,975.90.

33. *J. T. School, Trichur.*—J.T.S.L.C Course of 3 years duration was conducted in the institution during the year under review. Against the sanctioned annual intake of 60, 56 students were admitted during the year. Among the newly admitted students 19 belonged to Backward Communities and 6 to Scheduled Castes/Scheduled Tribes. Of the total strength of 173 students 48 belonged to Other Backward Communities and 15 to Scheduled Castes/Scheduled Tribe 56 students appeared for the final year Examination and 29 came out successful.

Details of scholarship/stipend.—

<i>Sl. No.</i>	<i>Name of scholarship/ stipend</i>	<i>No of students</i>	<i>Total Amount Rs.</i>
1	Non-repayable Scholarship	.. 16	3,114.00
2.	Stipend paid from Harijan Welfare Department	.. 12	6,862.00

Adding 4 books worth Rs. 1,530 purchased during the year the total number of library books at the end of the year was 526. A sum of Rs. 151.84 was spend for Athletic activities and purchase of Sports goods.

The total receipt of the Institution during the year was Rs 596.68 and expenditure was Rs. 1,90,134.49.

34. *J.T. School, Mattanur.*—J.T.S.L.C. Course of 3 years duration was conducted during the year under report. The sanctioned annual intake of the Institution was 60 and 59 students were admitted

during the year. Among the newly admitted students 38 belonged to Backward Communities and 5 to Scheduled Castes/Scheduled Tribes. Of the total strength of 127 students 81 belonged to Backward Communities and 11 to Scheduled Castes/Scheduled Tribes.

Twenty-nine students appeared for the final year Examination and 12 came out successful.

Details of scholarship/stipend —

<i>Sl. No.</i>	<i>Name of scholarship, stipend, etc.</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1.	Merit-cum-means Scholarship	10	1,935·75
2.	Stipend paid from Harijan Welfare Department	11	6,076·00

Sri P. V. Skaria, I Grade Draftsman, was deputed for Technical Teachers Training at Technical Teachers Training Institute, Madras.

Total number of books at the end of the academic year was 954.

The total receipt of the institution during the year was Rs. 4,041·12 and the expenditure was Rs. 1,82,381·83.

35. *J.T. School, Cheruwathur.*—J.T.S.L.C. Course of 3 year duration was conducted during the year under review. The sanctioned annual intake of the institution was 60 and all the seats were filled during the year. Among the newly admitted students 32 belonged to Backward Communities and 5 to Scheduled Castes/Schedule Tribes. Of the total strength of 148 students 82 belonged to Backward Communities and 11 to Scheduled Castes/Scheduled Tribes.

Thirty-four students appeared for the final year Examination and 29 came out successful with 5 first classes.

Details of scholarships/Stipend, etc.

<i>Sl. No.</i>	<i>Name of scholarship/ stipend, etc.</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1.	Merit-cum-means Scholarship	6	1,133·40
2.	Stipend paid from Harijan Welfare Department	11	5,960·53

By adding 21 library books worth Rs. 94·99 purchased during the year the total number of library books was raised to 465. The total receipt of the institution during the year under review was nil and the total expenditure was Rs. 1,88,591·07.

36. *School of Arts, Trivandrum.*—The following courses leading to the award of Diploma and Certificates with the sanctioned intake shown against each were conducted in the institution during the year under review.

<i>Sl. No.</i>	<i>Name of Course</i>	<i>Duration</i>	<i>Sanctioned annual intake</i>
1.	Diploma in Drawing and Painting	2	15
2.	Diploma in Modelling and Sculpture	2	4
3.	Certificate in Drawing and Painting	2	15
4.	Certificate in Clay Modelling and Sculpture	2	15
5.	Training in Ivory and Wood, Carving and Inlay Work	4	4
6.	Training in Silver-smithy kuftegari work	4	4
7.	Training in Rattan and Basket Making	2	8
8.	Training in Lacquer Work	2	5
9.	Training in Carpet and Durrie Weaving	2	5

All the seats were filled up during the year. The total strength of the institution during the year was 118. Among the newly admitted students 3 belonged to Other Eligible Community, one to Christian convert and 13 to Scheduled Castes/Scheduled Tribes. There were 21 students belonging to Scheduled Castes/Scheduled Tribes on the rolls.

Forty-one students appeared for the final year examination and 38 came out successful.

Details of scholarships, stipend, etc.

<i>Sl. No.</i>	<i>Name of scholarship</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1.	Government of India Scholarship for Deaf and Dumb	3	1,800
2.	Merit-cum-means Scholarship	23	4,153
3.	Stipend from Harijan Welfare Department	40	18,696

Total number of library books at the end of the academic year was 852.

Conducted educational tour and an amount of Rs. 2,902-30 was spent on this account.

Sri Sanathanan Asari, Art Instructor was deputed for higher studies in Arts in the College of Arts and Crafts at Madras.

The total expenditure of the institution during the year was Rs. 2,39,563-44.

37. *Ravi Varma School of Painting, Mavelikkāra.*—The following courses were conducted in the Institution during the year under report.

<i>Sl. No.</i>	<i>Course</i>	<i>Duration</i>	<i>Sanctioned intake Rs.</i>
1.	Certificate Course in Drawing and Painting	2 years	15
2.	Certificate Course in Sculpture and Modelling	2 „	5
3.	Diploma in Drawing and Painting	2 „	15
4.	Diploma in Sculpture	2 „	5
5.	Post Diploma Course	1 „	5

Twenty students were admitted to the Certificate courses, ten students to the Diploma Course and 4 to the post Diploma Course. Out of the 34 students admitted during the year, eight students belonged to Backward Communities and 9 to Scheduled Castes/Scheduled Tribes. The total strength of the institution was 65, out of which 20 belonged to Backward Castes and 20 to Scheduled Castes/Scheduled Tribes.

Thirty-seven students appeared for final Examination and 28 came out successful.

Details of scholarships, stipend etc.

<i>Sl. No.</i>	<i>Name of scholarship</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1.	Scholarship for the Physically handicapped students	5	3,000-00
2.	Kerala Government Merit-cum-means Scholarship	15	2,822-70
3.	Stipend from Harijan welfare Department.	20	10,189-40

The total number of library books during the year under review is 109.

The total receipt of the institution during the year under review was Rs. 103.50 and expenditure was Rs. 69,147.75.

38. *Government Occupational Institute, Trichur.*—The following courses were conducted during the year under report. The sanctioned intake is given below for each course.

<i>Sl. No.</i>	<i>Name of course</i>	<i>Duration</i>	<i>Sanctioned strength</i>
1.	Diploma in Drawing and Painting	5	15
2.	Diploma in Engraving	5	5

All the seats were filled up during the year. The total strength of the institution during the year was 63 among whom 32 belonged to Backward Communities and 17 to Scheduled Castes/Scheduled Tribes.

Out of the 19 students appeared for the final year Examination, 13 came out successful.

Details of scholarships.—

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Amount</i> <i>Rs.</i>
1. Scholarship for Physically handicapped students	1	600
2. Stipend paid from Harijan Welfare Department	17	10,200

The total receipt of the institution during the year under report was Rs. 40,200 and the total expenditure is Rs. 39,200.

39. *Diploma Course in Shorthand and Typewriting.*—Diploma Course in Shorthand and Typewriting of two years duration was conducted as a part-time course. The sanctioned annual intake of the institution was 30. All the seats were filled up during the year. Among the newly admitted students, 11 belonged to Backward Communities and 2 to Scheduled Castes/Scheduled Tribes. The total strength of the institution during the year under report was 35.

The total receipt of the institution during the year under report was Rs. 1,934.45 and the total expenditure was Rs. 15,265.

40. *Government Commercial Institute, Ernakulam.*—The following certificate course of two years duration for preparing students for the Kerala Government Technical examination were conducted during the year under report.

1. Banking Law and practice
2. Co-operation-theory and practice
3. Salesmanship and Marketing
4. Business Organisation and Secretarial practice

The sanctioned annual intake for each course was 60 and 79 students were admitted during the year under report. Among the newly admitted students 22 belonged to Backward Castes and 10 to Scheduled Castes/Scheduled Tribes. Among the 119 students on the rolls during the year 30 belonged to Backward Communities and 14 to Scheduled Castes/Scheduled Tribes.

219 students appeared for the final year Examination and 72 came out successful.

Stipend for 5 students amounting to Rs. 1,277·35 were paid from the Harijan Welfare Department.

Total number of library books during the end of the academic year was 1,953.

The total receipt of the institution during the year under report was Rs. 8,945·75, and the total expenditure was Rs. 50,134·36.

41. *Tailoring and Garment Making Training Centre, Pattom, Trivandrum.*—One year course in Tailoring and Garment Making was conducted in the institution during the year under report. The sanctioned annual intake was 60 and all the seats were filled up during the year under report. Among the students admitted 28 belonged to Backward Communities and 23 to Scheduled Castes/Scheduled Tribes.

Stipends from Harijan Welfare Department were given to 23 students at the rate of Rs. 60 per month. The total receipt of the institution during the year under report was nil while the expenditure was Rs. 13,625 28.

42. *Tailoring and Garment Making Training Centre, Quilon.*—One year course in Tailoring and Garment Making was conducted during the year under report, in the institution. The sanctioned annual intake was 20 and all the seats were filled up during the year. Among the newly admitted students, 11 belonged to Backward Communities and 2 belonged to Scheduled Tribe/Scheduled Caste.

Stipends from Harijan Welfare Department were given to 2 students at the rate of Rs. 60 per month.

Total receipt of the institution during the year was nil but the total expenditure was Rs. 7,725·80.

43. *T.G.M.T. Centre, Kanjikuzhy, Kottayam.*—Certificate course of one year duration in Tailoring and Garment Making was conducted during the year under report. The sanctioned annual intake of the institution during the year was 20 and all the seats were filled up during the year. Among the newly admitted students 4 belonged to Backward Communities and 6 to Scheduled Castes/Scheduled Tribes.

Stipends from Harijan Welfare Department were paid to 6 students at the rate of Rs. 60 per month.

Total receipt of the institution during the year was nil and the expenditure was Rs. 8,160·73.

44. *Tailoring and Garment Making Training Centre, Tripunithura.*—Certificate course of one year duration in tailoring and Garment making was conducted during the year under report in the institution. The sanctioned annual intake was 40 and all the seats were filled up during the year. Among the newly admitted students 2 belonged to Backward Communities and 3 to Scheduled Castes/Scheduled Tribe.

Stipends from Harijan Welfare Department were given to 5 students and the total amount paid was Rs. 3,600.

The total receipt of the institution during the year was nil whereas the expenditure was Rs. 9,655·38.

45. *T.G.M.T. Centre, Narakkal.*—Certificate course of one year duration in Tailoring and Garment Making was conducted during the year under report. The sanctioned annual intake was 40 and all the seats were filled up during the year. Among the newly admitted students 7 belonged to Backward Communities and 19 to Scheduled Tribe/Scheduled Caste

Thirty-nine students appeared for the final year Examination.

Stipends from Harijan Welfare Department were paid to 26 students and the total amount paid was Rs. 18,720.

The total expenditure of the institution during the year was Rs. 12,517·03.

46. *T.G.M.T., Training Centre, Trichur.*—Certificate course of one year duration in Tailoring and Garment Making was conducted during the year under report. The sanctioned annual intake of the institution was 40 and all the seats were filled up during the year. Among the newly admitted students 11 belonged to Backward Communities and 6 to Scheduled Tribes/Scheduled Castes.

Thirty-three students appeared for the final year Examination.
Stipend from Harijan Welfare Department was paid at the rate of Rs. 60 per month for 6 students.

47. *T.G.M.T. Training Centre, Palghat.*—Certificate course of one year duration in Tailoring and Garment Making was conducted during the year under report. The sanctioned annual intake of the institution was 20 and 11 students were admitted during the year. Among the students admitted 2 belonged to Backward Communities and 3 to Scheduled Castes/Scheduled Tribes.

Eight students appeared for the final year Examination during the year.

Stipends from Harijan Welfare Department were paid at the rate of Rs. 60 per month to 9 students.

The total receipt of the institution during the year was nil and expenditure was Rs. 7,941.69.

48. *T.G.M.T. Centre, Kondotty.*—Certificate course of one year duration in Tailoring and Garment Making was conducted during the year under report. The sanctioned annual intake of the institution was 20 and all the seats were filled up during the year. 5 students belonged to Backward Communities and 5 to Scheduled Tribes/Scheduled Castes/Other Backward Communities.

An amount of Rs. 2,669.90 was paid to 5 students as stipend from Harijan Welfare Department.

49. *T.G.M.T. Centre, Badagara.*—Certificate course of one year duration in Tailoring and Garment Making was conducted during the year under report. The sanctioned annual intake of the institution was 20 and all seats were filled up during the year. Among the newly admitted students, 11 belonged to Backward Communities and 3 belonged to Scheduled Castes/Scheduled Tribes and Other Backward Communities.

Eighteen students appeared for the final year Examination.

Stipends from Harijan Welfare Department were paid to 3 students and the total amount was paid Rs. 1,920.39.

The total receipt of the institution during the year was nil and expenditure was Rs. 9,148.71.

50. *T.G.M.T. Centre, Dharmadam.*—Certificate course of one year duration in Tailoring and Garment Making was conducted during the year under report. The sanctioned annual intake of the institution during the year was 20 and all the seats were filled up during the year. Among the newly admitted students 15 belonged to Backward Communities and 2 to Scheduled Tribes/Scheduled Castes.

Stipends from Harijan Welfare Department were given at the rate of Rs. 60 per month to 2 students.

The total receipt of the institution during the year was nil and the total expenditure was Rs. 8,742.85.

51. *T.G.M.T. Centre, Payyannur.*—Certificate course of one year duration in Tailoring and Garment Making was conducted during the year under report. The sanctioned annual intake of the institution during the year was 20 and 21 students were admitted during the year. Among the newly admitted students 10 belonged to Backward Communities and 3 to Scheduled Tribes/Scheduled Castes.

Fifteen students appeared for the final year Examination and 12 came out successful.

Stipend from Harijan Welfare Department were given to 2 students and the total amount paid was Rs. 886.77 The total expenditure of the institution during the year was Rs. 6,147.90.

52. *Government Industrial School, Irinjalakuda.*—Certificate course of two years duration in Tailoring and Embroidery was conducted in the institution during the year under report. The sanctioned annual intake was 20 and all the seats were filled up during the year. Among the newly admitted students 7 belonged to Backward Communities and 7 to Scheduled Tribes/Scheduled Castes. The total strength of the institution was 29 among whom 11 belonged to Backward Communities and 13 to Scheduled Castes/Scheduled Tribes.

Fourteen students appeared for the final year examination and 8 came out successful.

Details of Scholarship/Stipends etc.

<i>Name of scholarship/stipend, etc.,</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Stipend paid from Harijan Welfare Department	18	9,195.80

The total receipt of institution during the year was Rs. 77 as against an expenditure of Rs. 13,939.42.

53. *Government Industrial School, Wadakkancherry.*—Certificate course of two years duration in Tailoring and Embroidery was conducted in the institution during the year under review. The sanctioned annual intake was 20 and all the seats were filled up during the year. Among the newly admitted students 9 students belonged to Backward Communities and 4 students to Scheduled Tribes/Scheduled Castes. The total strength of the institution was 40 among whom 16 belonged to Backward Communities and 8 to Scheduled Castes/Scheduled Tribes.

Fourteen students appeared for the final year Examination during the year.

Details of scholarship/stipend, etc.

<i>Name of scholarship/stipend</i>	<i>No. of students</i>	<i>Amount Rs.</i>
Stipend from Harijan Welfare Department	8	5,103.63

The total receipt of the institution during the year was Rs. 218 75 and the total expenditure was Rs. 17,197.13.

54. *Tailoring Trade School, Devicolam.*—Certificate course of one year duration in Tailoring and Garment Making was conducted in the institution during the year under report. The sanctioned annual intake was 16 and 12 students were admitted during the year. Among the newly admitted students 11 belonged to Backward Communities and 10 to Scheduled Castes/Scheduled Tribes.

Twelve students appeared for the final year examination during the year. A sum of Rs. 5,417.55 was paid as stipend from Harijan Welfare Department for 9 students.

The total receipt of the institution during the year was nil and the expenditure was Rs. 10,209.01.

55. *Tailoring Trade School, Haripad.*—Certificate course of one year duration in Tailoring and Garment Making was conducted in the institution during the year under report. The sanctioned annual intake of the institution during the year was 20 and all the seats were filled up.

Twenty students appeared for the Examination during the year.

An amount of Rs. 2,119.35 was paid as stipend from Harijan Welfare Department during the year for 3 students.

The total receipt of the institution during the year was nil and the expenditure was Rs. 10,126.94.

56. *Tailoring Training Centre, Parassala.*—Certificate course of one year duration in Tailoring and Garment Making was conducted in the institution during the year under report.

The sanctioned intake for the year under report, was 12 and all the seats were filled up.

Eleven students appeared for the final year examination.

A sum of Rs. 1,346.30 was paid as stipend from Harijan Welfare Department during the year under report for 2 students.

57. *Tailoring Training Centre, Pachalloor.*—Certificate course of one year duration in Tailoring and Garment Making was conducted in the institution during the year under report. The sanctioned annual intake of the institution was 12 and all the seats were filled up during the year.

Among the newly admitted students 8 belonged to Other Backward Communities and one to Scheduled Castes/Scheduled Tribes.

Nine students appeared for the final year Examination during the year. Stipend from Harijan Welfare Department was paid to one student at the rate of Rs. 60 per month.

58. *Tailoring Training Centre, Karumkulam* —Certificate course of one year duration in Tailoring and Garment Making was conducted in the institution during the year under report. The sanctioned annual intake was 12 and all the seats were filled up. Among the newly admitted students 7 belonged to Backward Communities and 3 to Scheduled Castes/Scheduled Tribes.

Nine students appeared for the final year examination during the year.

Total receipt of the institution during the year was Rs. 38.36.

Smt. J. Swarnam, Instructress in Tailoring was sent for a refresher course in Tailoring from 7th May 1975 to 6th June 1975.

59. *Tailoring Training Centre, Kanjirankulam.*—Certificate course of one year duration in Tailoring and Garment Making was conducted during the year under report. The sanctioned annual intake of the institution was 12 and 11 students were admitted during the year. Among the newly admitted students 1 belonged to Backward Communities and 11 to Scheduled Castes/Scheduled Tribes.

Eleven students appeared for the final year examination and 8 came out successful during the year.

An amount of Rs. 537.75 was paid as stipend from Harijan Welfare Department to one student.

60. *Tailoring Training Centre, Kandala.*—Certificate course of one year duration in Tailoring and Garment Making was conducted during the year under report. The sanctioned annual intake of the institution during the year under report was 12 and 13 students are admitted during the year under report. Among the newly admitted students 4 belonged to Backward Communities and 4 to Scheduled Tribes/Scheduled Castes.

Twelve students appeared for the final year Examination during the year under report.

An amount of Rs. 2679·08 was paid as stipend from Harijan Welfare Department during the year to 4 students.

61. *Tailoring Training Centre, Chirayinkil.*—Certificate course of one year duration in Tailoring and Garment Making was conducted during the year under report. The sanctioned annual intake of the institution during the year was 12 and all the seats were filled up during the year. Among the newly admitted students, 9 belonged to Backward Communities and 2 to Scheduled Tribes/Scheduled Castes.

Twelve students appeared for the final year Examination during the year. An amount of Rs. 1,334·36 was paid as stipend from Harijan Welfare Department during the year to two students.

62. *Tailoring Training Centre, Chengannur.*—Certificate course of one year duration in Tailoring and Garment Making was conducted in the institution during the year under report. The sanctioned annual intake of the institution was 15 and 13 seats were filled up during the year. Among the newly admitted students 5 belonged to Backward Communities.

Ten students appeared for the final year Examination and 8 came out successful.

The total receipt of the institution during the year under report was nil and the total expenditure was Rs. 1,297·20.

63. *Ratton Training Centre, Paraniyam.*—Two years certificate course in Ratton Training was conducted during the year under report. The sanctioned annual intake of the institution during the year was 8 and all seats were filled up. Among the newly admitted students 6 belonged to Scheduled Castes/Scheduled Tribes and 2 belonged to Other Backward Communities.

Eight students appeared for the final year Examination during the year under report.

An amount of Rs. 8,406·95 was paid as stipend from Harijan Welfare Department during the year under report for 6 students.

64. *Book Binding Centre, Kulathoor.*—One year certificate course in Book Binding was conducted in the institution during the year under report. The sanctioned annual intake of the Centre, during the year was 30 and 25 seats were filled up. Among the newly admitted students 16 belonged to Backward Communities and 4 to Scheduled Castes/Scheduled Tribes. The total strength of the institution during the year was 25.

An amount of Rs. 2,723·46 was paid as stipend from the Harijan Welfare Department to 4 students.

65. *Composing and Printing Centre, Vattiyoorkavu.*—One year course in Composing and Printing was conducted during the year under report. The sanctioned annual intake of the institution was 30 and all the seats were filled up during the year. Among the newly admitted students 5 belonged to Backward Communities and 3 to Scheduled Tribes/Scheduled Castes.

Stipend at the rate of Rs. 60 per month per student were paid to 5 students from the Harijan Welfare Department.

66. *Book Binding Centre, Manacaud.*—One year certificate course in Book Binding was conducted during the year under report. The sanctioned annual intake of the institution was 30 and 26 students were admitted during the year under report.

Out of 24 students appeared for the final year Examination 22 came out successful during the year under report.

An amount of Rs. 2,204.78 was paid as stipend from Harijan Welfare Department during the year under report for 4 students.

67. *Weaving Training Centre, Aralummoodu.*—One year course in Weaving was conducted during the year under report. The sanctioned annual intake of the institution during the year was 15 and 12 seats were filled up. Among the newly admitted students 3 belonged to Backward Communities and 6 to Scheduled Tribes/Scheduled Castes.

Twelve students appeared for the final year Examination during the year.

Rs. 4,320 were paid to 6 students as stipend from the Harijan Welfare Department during the year.

Total number of library books at the end of the academic year was 9.

68. *Pre-Vocational Training Centre, Attingal.*—(Attached to J.T.S., Attingal).—Pre-Vocational Training Certificate Course of 3 years duration was conducted during the year under report. The sanctioned annual intake of the institution during the year under review was 30 and 19 students were admitted during the year. Among the newly admitted students 13 belonged to Backward Communities and 3 to Scheduled Castes/Scheduled Tribes. Of the total strength of 88, students 45 belonged to Backward Communities and 33 to Scheduled Castes/Scheduled Tribes.

Out of the 29 students appeared for the final year examination, 12 came out successful.

Details of scholarship/stipend, etc.

<i>Name of scholarship, stipend, etc.</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Mid-day meals scholarship (Scholarship from Government of India)	All students	7,381.70
2. Stipend from Harijan Welfare Department	16	7,407.35

Number of library books at the end of the year was 761. Conducted Youth Festival and Annual Day Celebrations. The students had their extracurricular activities.

The total receipt of the institution during the year under report was Rs. 331 and the total expenditure was Rs. 65,532.63.

69. *Pre-vocational Training Centre, Kodungallur (attached to J.T.S., Kodungallur).*—Pre-vocational Training Certificate Course of 3 years duration in Agricultural trade was conducted during the year under review. The sanctioned annual intake for the course was 30 and 22 seats were filled up during the year. Among the newly admitted students 17 belonged to Backward Community and 3 to Scheduled Castes/Scheduled Tribes. On the rolls there were 70 students including 56 Backward Community and 10 Scheduled Castes/Scheduled Tribes students.

Fifteen students appeared for the final year examination and 7 came out successful.

Details of scholarship/stipend, etc.—

<i>Name of scholarship, stipend, etc.</i>	<i>No. of students</i>	<i>Total amount Rs.</i>
1. Stipend for mid-day meals	70	6,441.75
2. Stipend paid from Harijan Welfare Department	10	3,845.20

By adding 8 books worth Rs. 9.50 purchased during the year the total amount of library books was raised to 43.

The total receipt of the institution was Rs. 60.70 and the expenditure was Rs. 42,365.56.

70. *P.V.T. Centre, Manjeri (attached to J.T.S., Manjeri).*—Pre-vocational Training Certificate Course of 3 years duration was conducted during the year under review. The sanctioned annual intake was 30 and all seats were filled up. The total strength of the institution was 108. Among the newly admitted students 19 belonged to Other Backward Community and 1 belonged to Scheduled Caste. Among the total strength of the institution 61 belonged to Other Backward Community and 22 belonged to Scheduled Castes/Other Eligible Community students.

Thirty-six students appeared for the final year examination and 6 came out successful during the year. An amount of Rs. 12,437.10 was paid to 22 students as stipend from the Harijan Welfare Department.

Details of other scholarship/stipend.—

<i>Name of scholarship</i>	<i>No. of students</i>	<i>Total amount Rs</i>
Mid-day meal stipend (Scholarship from Government of India)	All students	9,655.90

The total receipt of the institution was nil and expenditure was Rs 58,701 32

71 *Pre-vocational Training Centre, Cannanore (attached to J.T.S., Cannanore)*—Pre-vocational Training Certificate of 3 years duration in Home Science, was conducted during the year under review. The sanctioned annual intake was 15 and 14 seats were filled up during the year. Among the newly admitted students 14 belonged to Backward Community and 3 to Scheduled Castes/Scheduled Tribes. Of the total strength of 45 students 42 belonged to Backward Community and 3 to Scheduled Caste/Scheduled Tribes.

Fourteen students appeared for the final year examination and 11 came out successful.

The total receipt of the institution during the year was nil and the total expenditure was Rs 21,274 30.

72 *T K M. College of Engineering, Qulon.*—Four year Degree Course in Civil, Mechanical and Electrical Engineering were conducted during the year under report. The sanctioned annual intake of the institution was 144 and all the seats were filled up. Among the newly admitted students 59 belonged to Backward Community. The total strength of the institution at the end of the year was 487, among whom 186 belonged to Backward Community and 15 to Scheduled Tribes/Scheduled Castes and X'ian convict.

Eighty-seven students appeared for the final year examination and 75 came out successful during the year.

The sanctioned intake of the hostel attached to the institution was 300; 140 students were admitted in the hostel during the year and thus the total strength of the hostel at the end of the year was 140.

Details of Government of India scholarship.—

<i>Name of scholarship</i>	<i>No. of students sanctioned</i>	<i>Total amount Rs.</i>
1. National scholarship	10	8,003 00
2. National merit scholarship for children of school teachers	2	2,400 00
3. National loan	12	11,300 00

Details of stipend paid by Harijan Welfare Department.—

1. Educational concessions for socially and educationally backward students	177	1,58,940.50
2. Educational concession for forward community students	54	47,209.45
3. Fees, boarding charges, etc , for Scheduled Caste students	24	42,989.33
4. National foundation for teachers' welfare (through D.P.I.)	20	8,000.00

253 books worth Rs. 4,525 were purchased during the year and thus the number of library books at the end of the year was 11994. An amount of Rs. 14,250 00 was spent for extracurricular activities of the institution during the year

The following persons were deputed for training for various courses at different places.

<i>Name</i>	<i>Designation</i>	<i>Course</i>	<i>Place</i>
1. Sri F. V. Allen	Assistant Professor	Ph D.	I.I.T., Madras
2. „ R. Venkitaraman	Professor	Ph D.	„
3. „ T. B. Divakaran	Lecturer	M.Tech.	„
4. „ K. P. S. A. P. Thangal	„	„	„

	<i>Name</i>	<i>Designation</i>	<i>Course</i>	<i>Place</i>
5.	Sri M. A. Mathew	Assistant Professor	Ph.D	I.I.T., Delhi
6.	„ M. Mytheenkutty	Lecturer	M.Tech.	„
7.	Smt. Mrinalini Devi	„	„	„
8.	Sri M. A. Esa	Assistant Professor	Ph.D.	I.I.T., Bombay
9.	„ S. M. Jasin Thangal	„	„	„

The total receipt of the institution during the year was Rs. 2,32,376.00 and expenditure was Rs. 9,69,569.00.

73. *M.A. College of Engineering, Kothamangalam.*—Four year Degree Courses in Civil, Mechanical and Electrical Engineering were conducted during the year under report in this institution. The sanctioned strength of the institution was 96 and all the seats were filled up.

Among the newly admitted students 10 belonged to Backward Community and 3 to Scheduled Castes/Scheduled Tribes. Of the total strength of 331 students, 47 belonged to Backward Community and five belonged to Scheduled Castes/Scheduled Tribes.

Forty-seven students appeared for the final year examination and 45 came out successful during the year.

The sanctioned intake of the hostel attached to this institution was 230 and 227 students were admitted during the year.

Details of Government of India scholarship/stipends etc.—

<i>Name of scholarship</i>	<i>No. of students sanctioned</i>	<i>Total amount</i> Rs.
1. National loan scholarship	14	13,580 00
2. Government of India merit scholarship	13	11,352.95
3. Educational concession under K P C.R	98	86,118.05
4. Government of India scholarship and State monetary assistance for Scheduled Caste students	3	4,910.10
5. State concession to Other Eligible Community and X'ian converts	2	3,393 15

Adding 872 books worth Rs. 10,296 purchased during the year, total number of library books at the end of the year was 9,640. An amount of Rs. 4,979 59 was spent for the extracurricular activities of the institution in the year.

Names and other details of persons deputed for training and higher studies

	<i>Name</i>	<i>Designation</i>	<i>Course</i>	<i>Place</i>
1.	Sri U Lazar John	Assistant Professor	Ph D	I.I.T., Kappur
2.	„ N K. Varghese	Lecturer	M.Tech.	I.I.Sc , Bangalore
3.	„ Pailo Paul	Assistant Professor	Ph.D.	I.I.T., Madras
4.	„ P M George	Lecturer	M Tech.	„
5.	„ A. M. Mathai	„	„	„
6.	„ P. S. Jawaharlal	„	„	„
7.	„ K Joy David	Assistant Professor	Short-term Course at	Engeneering College, Bengal
8.	„ Paul K. Mathew	Lecturer		„
9.	„ C. N. Paulose	Assistant Professor	Conference	I.I T., Bombay
10.	„ Thomas Chacko	„	„	Research Institute, Durgapur

The total receipt of the institution during the year was Rs. 10,78,630 57 and expenditure Rs. 11,45,449 58.

74. *N.S S College of Engineering, Palghat.*—Four year Degree Courses in Civil, Mechanical and Electrical Engineering were conducted during the year under report. The sanctioned strength of the institution during the year was 96 and all seats were filled up. Among the newly admitted students 19 belonged to Backward Community and 1 to Scheduled Tribes/Scheduled Castes. The total strength of the institution during the year under report was 302 among whom 53 belonged to Backward Community and 5 to Scheduled Tribes/Scheduled Castes.

Forty students appeared for the final year examination 16 came out successful.

The sanctioned intake of the hostel attached to the institution was 225 and 206 students were admitted in the hostel during the year. The total strength of the hostel was 167.

Details of scholarships/stipends etc.—

<i>Name of scholarship, stipends etc.</i>	<i>No. of students sanctioned</i>	<i>Total amount Rs.</i>
1. National scholarship	.. 3	3000-00
2. Merit scholarship to the children of school teachers	.. 1	500 00
3. National loan scholarship	.. 11	10,670 00
4 Stipend paid from Harijan Welfare Department	.. 68	26,617 25
5. University merit scholarship	.. 4	2,400-00

126 books worth Rs 2,826-17 were purchased during the year bringing the total number of library books at the end of the year to 12,096.

Names and other details of persons sent for training and higher studies

<i>Name</i>	<i>Designation</i>	<i>Course</i>	<i>Place</i>
1. Sri K. Gopalakrishna Pillai	Assistant Professor	Ph.D	I I.Sc., Bangalore
2. „ K. K. Padmanabhan	Lecturer	M. Tech.	I.I.T., Kharagdur
3. „ K. Balasubramoniam	„	„	I.I.T., Madras
4. „ P. T. Rajan Nambiar	„	Summer School	I.I.T., Bombay
5. „ G. P. Rajendra Paniker	Assistant Professor	Quality control course on Earth and Rockfil Dam	I I.T., Madras

	<i>Name</i>	<i>Designation</i>	<i>Course</i>	<i>Place</i>
6.	Sri P. G. Bhaskaran Nair	Assistant Professor		Regional Engineering College, Calicut
7.	„ K. G. Rama Panicker	Lecturer	Summer School	„
8.	„ P. M. Sreekumaran Nambisan	Assistant Professor	„	„
9.	„ K. P. Mukundankutty	Lecturer	Short-term Course	I.I.Sc., Bangalore
10.	„ K. G. Rama Paniker	Lecturer	„	I.I.T., Bombay
11.	„ K. Venkiteswara Mallan	Assistant Professor	„	„
12.	„ M.S.L. Kubendran	Lecturer	„	University of Roorkee
13.	„ V. Balakrishna Paniker	Professor	„	I.I.Sc., Bangalore
14.	„ P. M. Sreekumaran Nambisan	Assistant Professor	„	I.I.T., Bombay
15.	„ P. M. Sreekumaran Nambisan	Assistant Professor	„	Roorkee
16.	„ K. Ramachandra Pillai	Assistant Professor	„	„
17.	„ P. M. Sreekumaran Nambisan	Assistant Professor	„	„
18.	„ K. Rajasekharan	Lecturer	„	University of Cochin

The total receipt of the institution during the year was Rs 12,79,734 27 and that of the hostel Rs. 5,14,429 62. The total expenditure of the institution was Rs. 11,67,884 10 and that of the hostel was Rs. 5,11,133 06.

75. *Sree Narayana Polytechnic, Kottiyam, Quilon.*—Three year Diploma Courses in Civil, Mechanical and Electrical Engineering were conducted in the institution during the year under report. The sanctioned strength of the institution was 144 and all seats were filled up during the year. Among the newly admitted students 91 belonged to Backward Community and 11 to Scheduled Caste/Scheduled Tribe. The total strength of the institution was 331 among whom 214 belonged to Backward Community and 25 to Scheduled Caste/ Scheduled Tribe.

Sixty students appeared for the final year examination and 21 came out successful.

The sanctioned intake of the hostel attached to the institution was 100 and 47 students were admitted in the hostel during the year making the total number of inmates during the year as 60.

An amount of Rs. 36,440.62 was paid to 44 students as stipend from the Harijan Welfare Department.

Adding one book worth Rs. 46 purchased during the year under report, the total number of library books at the end of the year was 2,009. An amount of Rs 3,654.45 was spent for the purpose of extra-curricular activities.

Sri K. V. Ganesan, Lecturer in Civil Engineering and Sri V. V. Natarajan, Lecturer in Mechanical Engineering were deputed for training at T.T.T.I., Madras.

The total receipt of the institution during the year was Rs. 5,69,587.50 and the expenditure Rs. 5,14,703.47.

76. *N.S.S Polytechnic, Mannam Nagar, Pandalam.*—Three year Diploma Course in Civil, Mechanical and Electrical Engineering were conducted in the institution during the year under report. The sanctioned strength of the institution was 144 and all the seats were filled up during the year. Among the newly admitted students 21 belonged to Backward Community and 21 to Scheduled Caste/Scheduled Tribe. The total strength of the institution during the year was 363 among whom 35 belonged to Backward Caste and 35 to Scheduled Caste/Scheduled Tribe. 95 students appeared for the final year examination during the year. The sanctioned intake of the hostel was 96 and 80 students were admitted during the year.

The total inmates of the hostel was 80.

Details of scholarship/stipend.—

<i>Name of scholarship/stipend etc.</i>	<i>No. of students sanctioned</i>	<i>Total amount Rs.</i>
1. National loan scholarship ..	2	720·00
2. Stipend paid from Harijan Welfare Department ..	35	27,270·07
3. Scholarship for lower income group students ..	111	13,639·72
4. Scholarship for F C. students ..	9	180·00

Adding 180 books worth Rs. 626·38 purchased during the year, the total number of library books was 4,378.

Sri P. S. Mathai, attended a refresher course in N.C.C. training at Kamptee, during the year.

Total receipt of the institution during the year under report was Rs. 87,73,821·24 and that of the hostel was Rs. 87,179·36. Total expenditure of the institution was Rs. 8,11,500 and that of the hostel was Rs 82,661·85.

77. *Carmel Polytechnic, Alleppey.*—Three year Diploma Courses in Civil, Mechanical and Electrical Engineering were conducted during the year under report in the institution. The sanctioned intake of the institution was 144 and all seats were filled up. Among the newly admitted students 51 belonged to Backward Community and 14 belonged to Scheduled Caste/Scheduled Tribe. The total strength of the institution was 395 among whom 177 belonged to Backward Community and 26 belonged to Scheduled Caste/Scheduled Tribe.

103 students appeared for the final year examination and 42 came out successful.

The sanctioned intake of the hostel attached to the institution was 150 and 39 students were admitted during the year. The total strength of the hostel at the end of the year was 95

Government of India scholarship were paid to 26 students and the total amount paid was Rs. 1,07,701·92.

Rupees 78,323·99 was paid as stipend from the Harijan Welfare Department and by way of scholarships to 188 students during the year.

Adding 35 books worth Rs. 788·23 purchased during the year, total number of library books at the end of the year was 2,127.

An amount of Rs. 29,306.59 was spent for extracurricular activities during the year.

Fr. P. T. Abraham, Assistant Lecturer in Civil Engineering Department was on leave for study purpose in U.S.A. and Fr. E. C. John, Head of Civil Engineering Department was deputed to attend a short term course in T.T.T.I., Bhopal.

The total receipt of the institution was Rs. 65,934.75 and that of the hostel was Rs. 1,17,600.00. The total expenditure of the institution was Rs. 4,01,932.45 and that of the hostel was Rs. 1,17,600.00.

78. *Thiagarajar Polytechnic, Alagappanagar.*—Three year Diploma Courses in Civil, Mechanical and Electrical Engineering were conducted in the institution during the year under report. The sanctioned annual intake of the institution was 144 and all seats were filled up. Among the newly admitted students 50 belonged to Backward Community and 4 belonged to Scheduled Caste/Scheduled Tribe. The total strength of the institution was 363 among whom 152 belonged to Backward Community and 21 to Scheduled Castes, Scheduled Tribes and Other Eligible Community.

Eighty-two students appeared for the final year examination. The sanctioned intake of the hostel attached to the institution was 270 and 68 students were admitted.

An amount of Rs. 25,376.13 was paid to 21 students from the Harijan Welfare Department.

Rs. 98,666.50 was paid as scholarship to 152 Socially and Educationally Backward Community students.

Adding 16 books worth Rs. 188.10 purchased during the year, total number of library books at the end of the year was 5,081.

Smt. N. Jayadevi, Assistant Lecturer, Civil Engineering and Sri M. Sreenivas, Assistant Lecturer, Mechanical Engineering were deputed for training at T.T.T.I., Madras.

Sri P. S. Neelakantan Mootha and Sri K. L. Francis Xavier, attended short-term courses at T.T.T.I., Madras.

The receipt of the institution during the year was Rs. 5,54,298.66 and that of the hostel was Rs. 14,790.37. The total expenditure of the institution was Rs. 5,83,805.51 and that of the hostel was Rs. 10,032.91.

79. *S.S.M. Polytechnic, Tirur.*—Three year Diploma Courses in Civil, Mechanical, Electrical and Electronics Engineering were conducted during the year under report. The sanctioned strength of the institution was 120 and all the seats were filled up. Among the newly

admitted students 77 belonged to Backward Community and 5 Scheduled Castes/Scheduled Tribes and Other Eligible Community. The total strength of the institution was 295 among whom 201 belonged to Other Backward Community and 16 belonged to Scheduled Castes/Scheduled Tribes and Other Eligible Community.

Seventy-three students appeared for the final year examination and 36 came out successful. The total intake of the hostel was 165 and all the seats were filled up.

Details of scholarship/stipend, etc.—

<i>Name of scholarship/stipend, etc.</i>	<i>No. of students sanctioned</i>	<i>Total amount Rs.</i>
(1)	(2)	(3)
1. National scholarship from India Government ..	2	2,400 00
2. Stipend from Harijan Welfare Department and other stipends ..	181	98,802.80
3. Stipend for - boarding and lodging charge, etc. ..	19	35,334 46

Total number of books during the end of the year was 2,485.

An amount of Rs. 6,127.91 was spent in 1974-75 towards the extracurricular activities of the institution.

Details of persons sent for training like Technical Teachers Training, N.C.C. Training, etc., are as follows.—

<i>Name with designation</i>	<i>Course attended</i>
(1)	(2)
1. Sri T. Mohammed, Head of Electrical	Semi-conducted circuits at Kamala Nehru Polytechnic for Women
2. Sri P. N. M. Mustafa, Assistant Lecturer	Television Engineering at A.V. Para Technical Institute, Rajkot
3. Sri C. Vijayan, Workshop Instructor, Electronics	Service Training Programme in Radio Servicing and Repairs at P.M.V. Polytechnic, Madurai

<i>Name with designation</i> (1)	<i>Course attended</i> (2)
4. Sri M. Sukumaran, Skilled Assistant, Electronics	Radio Servicing and Repairs at P.M.V. Polytechnic, Madhurai
5. Sri V. Raghavan, Assistant Lecturer, Humanities	Short-term course in teaching English at T.T.T.I., Madras
6. Sri P. C. Mathai, Demonstrator, Civil	T.T.T.I., Madras
7. Sri Sulaiman Rawther, Demonstrator, Electrical	do.

The total receipt of the institution during the year was Rs. 1,04,619.48 and that of the hostel Rs. 1,84,702.16. The total expenditure of the institution during the year was Rs. 5,36,265.78 and that of the hostel Rs. 17,78,001.10.

80. *Swamy Nithyananda Polytechnic, Kanhangad, Cannanore.*—Three year Diploma Courses in Mechanical and Automobile Engineering were conducted in the institution during the year under report. The sanctioned strength of each course was 30 and 20 students were admitted in each branch. Among the newly admitted students 21 belonged to Backward Community and 4 to Scheduled Castes/Scheduled Tribes. Total strength of the institution was 48, among whom 23 belonged to Backward Community and 5 belonged to Scheduled Castes/Scheduled Tribes.

Eight students appeared for the final year examination during the year.

The total intake of the hostel attached to the institution was 35 and the total inmates during the year were 23. An amount of Rs. 10,572.67 was paid to 28 students as stipend and scholarships.

Adding 70 books worth Rs. 1,412.65, purchased during the year, the total number of books during the end of the year was 488.

An amount of Rs. 889.66 was spent for extracurricular activities during the year.

Sri P. M. Karunakaran, Demonstrator in Civil Engineering was deputed for Technical Teachers Training Course at T.T.T.I., Madras.

The total receipt of the institution during the year was Rs. 2,76,850.81 and that of the hostel was Rs. 22,835.29. The total expenditure of the institution during the year was Rs. 3,92,730.78 and that of the hostel was Rs. 22,330.29.

81. *Regional Engineering College, Calicut.*—The following are the courses offered in the college during the year 1974-75.

<i>Course</i>	<i>Duration</i>
1. Engineering Preparatory Course ..	1 year
2. B.Sc. Engineering ..	4 years
3. M.Sc. Engineering ..	2 years

In the year 1974-75, the sanctioned intake of the institution was 405 and 346 students were admitted. Among the newly admitted students 62 were Backward Community Students and 5 Scheduled Caste/Scheduled Tribes. The total strength of the institution was 919. Out of this number, the Backward Community and Scheduled Castes/Scheduled Tribes students were 189 and 10 respectively. 226 students were presented for the final year examination and 169 came out successful.

The sanctioned intake of the hostel attached to this institution was 1,100 and the total number of inmates during the year under report was 844.

Details of Government of India scholarship/State Government scholarship.—

<i>Name of scholarship</i>	<i>No. of students sanctioned</i>	<i>Total amount Rs.</i>
(1)	(2)	(3)
1. Merit-cum-means scholarship ..	126	96,525.00
2. Merit scholarship ..	15	1,500.00
3. National Loan scholarship ..	5	4,850.00
4. National merit scholarship to the children of school teachers ..	1	600.00
5. National merit scholarship ..	8	5,237.00
6. State scholarship for proficiency in games and sports ..	2	800.00

An amount of Rs. 28,850·00 was paid as stipend for 87 students, from the Harijan Welfare Department during the year.

Scholarships, worth Rs. 8,654 99 were paid to 6 students from the West Bengal, Andhra Pradesh and Tamil Nadu Government.

417 library books worth Rs. 95,983·67 were purchased during 1974-75.

An amount of Rs. 82,488·79 was spent for extracurricular activities during the year.

Details of members of staff deputed for higher studies, short-term courses, etc.—

<i>Name of person and designation</i>	<i>Course to which deputed</i>	<i>Name of University/Institution</i>
1. Dr. K. B. H. Namboodiripad, Assistant Professor	Conference of the Indian Society for Theoretical and Applied Mechanics	I. I. T., Kharagpur
2. Professor P. K. Charlu, Professor	Convention of Institution of Electrical and Electronics Engineers	Bangalore
3. Sri P. K. Mohandas, Lecturer	Summer School in Instrumentation Choices and Systems	I.I.T., Kharagpur
4. Sri E. Gopinathan, Lecturer	Advance Summer School in Micro-Electronics	I.I.T., Bombay
5. Sri J. Vaidyanantha Iyer, Lecturer	I.S.T.E., Summer School	I.I.T., Delhi
6. Sri F. Gajendran, Lecturer	Summer School on Guidance and Control	University of Roorkee
7. Sri A. M. Mohammed Ashraf, Lecturer	Analysis of Structures	I.I.T., Madras
8. Sri K. Pushpangadan,	Summer School in Hydroturbo-Mechanics	do.

<i>Name of person and designation</i>	<i>Course to which deputed</i>	<i>Name of University/ Institution</i>
9. Sri O. T. George, Lecturer	Summer School in Applied Mathematics	Kurukshetra University
10. Sri E. J. Sulaiman, Lecturer	do.	do.
11. Smt. P. Syamala, Lecturer	Summer School Earth and Rockfill Engineering	Regional Engineering College, Calicut
12. Sri P. Ramakrishnan, Lecturer	do.	do.
13. Sri K. Lekshmi Narayanan, Lecturer	do.	do.
14. Sri H. Ganesh, Lecturer	Winter School in Bio-Engineering	University of Roorkee
15. Dr. M. N. Neelakantan Namboodiri, Lecturer	Winter School in Industrial Electronics	do.
16. Do.	National system conference	I.I.T., Delhi
17. Sri K. P. Sam, Lecturer	Winter School on Energy of conversion systems	do.
18. T. N. Ramaswamy	Winter School on Water resources	Malavia Regional Engineering College, Jaipur
19. Sri D. R. Balasubramoniam, Lecturer	Winter School Optical Engineering	I. I. Sc., Bangalore
20. Sri P. V. Ramachandran, Lecturer	Winter School in Energy conversion system	I.I.T., Delhi

<i>Name of person and designation</i>	<i>Course to which deputed</i>	<i>Name of University/ Institution</i>
21. Dr. S. Krishnamoorthy, Lecturer	Short course on Computer applications	I.I.T., Kanpur
22. Dr. M. N. Neelakantan Namboodiri, Lecturer	Symposium on recent Development in Filter Theory	Osmania University
23. Sri V. S. Prasad, Lecturer	Winter School on Water resources	Malavia Regional Engineering College, Jaipur
24. Sri R. Bhaskaran, Lecturer	16th Technical Session of Indian Geo Technical Society	Warangal
25. Sri D. Isaac Ponniah, Lecturer	Short term Course on Hydraulics structures	Indian Institute of Science, Bangalore
26. Sri T. G. Mohana Kumar, Lecturer	National Conference on Fluid Mechanics and Fluid Power	V.J.I.T., Bombay
27. Sri K. Lakshmi Narayanan, Lecturer	Winter School on Water resources Development	Malvia Regional Engineering College, Jaipur
28. Sri Varghese Philip, Lecturer in Mathematics	Research for short period	Indian Institute of Science, Bangalore
29. Sri E. Vijayan Nair, Lecturer	Winter School in Production Engineering	I.I.T., Kharagpur
30. Sri R. Bhaskaran, Lecturer	Refresher Course in modern trends in Design of Foundations	College of Engineering, Trivandrum

<i>Name of person and designation</i>	<i>Course to which deputed</i>	<i>Name of University/Institution</i>
31. Sri A. Balasubramanian, Lecturer	Project on the calibration of the velocity parole	National Aeronautical Lab, Bangalore
32. V. George, Lecturer	Technical conference	Indian Institute of Engineers, Lucknow
33. K. Vincent Paul, Lecturer	Tile Industry conference	Trichur

The total receipt and expenditure of the Institution during the year under report were Rs. 40,77,147 88 and Rs. 35,04,653-00 respectively and those of the hostel Rs. 92,307-50 and Rs. 92,307-50 respectively.

82. *Food Craft Institute, Kalamassery.*—The following courses are offered in the institution during the year under report.

- | | | |
|---|-------------------|-----|
| 1. Hostel reception, Book Keeping and Typewriting | 6 months duration | do. |
| 2. Restaurant and counter service | | do. |
| 3. Cookery | | do. |
| 4. Bakery and Confectionery | | do. |
| 5. Canning and food preservation | | do. |

The sanctioned strength of each of the course under items 1 to 3 was 20 and for items 4 to 5 was 15. The total number of students admitted was 165 among whom 28 belonged to Backward Community and 22 to Scheduled Castes/Scheduled Tribes.

The total strength of the institution under report is 165, of which 48 students belonged to Backward Community and 81 to Scheduled Castes/Scheduled Tribes.

171 students appeared for the final year examination and 109 came out successful.

At present this institution has no facilities for hostel accommodation. But 10 rooms of the hostel attached to the Government Polytechnic, Kalamassery have been allotted for the students of the institution. The fees, etc. were collected by Government Polytechnic, Kalamassery.

Details of Scholarship/Stipends, etc.

<i>Name of scholarship/stipend, etc.</i>	<i>No. of students granted</i>	<i>Total amount Rs.</i>
1. Stipend from the Harijan Welfare Department ..	13	4,671-90
2. Merit-cum-means Scholarship ..	8	803-33

Adding 51 books worth Rs. 2,579-30 purchased during the year under report, the total number of books at the end of the year was 505.

Educational tours to hostels, places of archaeological importance, factories, sports activities etc. were conducted. The expenditure incurred for the above purpose was Rs. 1,199-52.

The total receipt of the Institution was Rs. 1,34,877-38 and the expenditure was Rs. 3,41,350-21.

TRAINING

As a part of the activities of this Department, the Directorate has taken up the responsibility of deputing staff of Engineering Colleges, Polytechnics and Junior Technical Schools both Private and Government for faculty training under Quality Improvement Programme and Long term and Short term training in Technical Teacher's Training Institute, Madras in order to make the teachers better qualified. It is expected to cover all the teaching faculty within a period of time. The following gives the details of faculty deputed for training.

1974-75--Details of candidates deputed

Q.I.P. (Private Engg. Colleges)

T.K.M. College of Engineering, Quilon ..	7
M.A. College of Engineering, Kothamangalam ..	3
N.S.S. College of Engineering, Palghat ..	3
Total ..	<u>13</u>

Polytechnics.—Technical Teacher's Training Institute (Private only) (G.O. Rt. No. 5/75, dated 2nd January 1975)

S.N. Polytechnic, Kottiyam	..	3
S.S.M. Polytechnic, Tirur	..	2
Thiagarajar Polytechnic, Alagapanagar	..	3
S.N. Polytechnic, Kanhangad	..	1
Carmel Polytechnic, Alleppey	..	1
Total	..	<u>10</u>

Polytechnics.—T.T.T.I. (Government) G.O. Rt. No. 5/75, dated 2nd January 1975.

Government Polytechnic, Cannanore	..	2
Kerala Government Polytechnic, Calicut	..	3
Central Polytechnic, Trivandrum	..	3
J.T.S. Cannanore	..	1
„ Adoor	..	1
„ Manjeri	..	1
„ Mattannur	..	1
„ Kunnamkulam	..	1
„ Nedumangad	..	1
Sree Rama Polytechnic	..	1
Total	..	<u>15</u>

All India Educational Survey

The Directorate had undertaken and completed the work of the III All India Educational Survey in Kerala under the sponsorship of Institute of Applied Manpower Research, New Delhi. The survey was conducted in two parts. The first part was designed to prepare a complete inventory of all the Institution (Polytechnics, I.T.I's, J.T.S., Industrial and Vocational Schools etc. etc) with essential basic information about each institution.

The second part covered an indepth study of the whole systems of Technical, Vocational Education and Training to indentify all their important qualitative characteristics. The indepth study was conducted in two levels (a) Institutional (b) Government Departmental.

(a) *Institutional*.—The study at the Institutional level was carried out taking a stratified sample of each category of Institution covered the following main aspects:

(i) Processes	Facilities, Material and Financial, Courses curriculum Syllabi teachers, Faculty Development, Recruitment, Training.
(ii) Input	Students
(iii) Output	Examination system, Wastage, Stagnation
(iv) Feed back	Employment, Scope and nature of future demands. Liaison with Industry, New Courses, innovations
(v) Control	Administration and Management patterns
(vi) Finance	Sources of finance, Actual Expenditure, capital and recurring per capital expenditure

(b) *Government Departmental level*.—Organisational and Administrative structure of Government Departments in the State which are in charge of technical, vocational, education and training their staffing patterns, finances, control and supervision of institutions, responsibility for development of adequate facilities.

The collection and scrutiny of the data relating to the indepth study was done by Sri S. Rama Iyer, Assistant Professor, Engineering College, Trichur who was then posted as Special Officer, Educational Survey in the Directorate.

REVIEW OF INTAKE OF STUDENTS IN ENGINEERING COLLEGE AND POLYTECHNICS IN KERALA FOR THE YEAR 1974-75

Engineering Colleges

A review of actual admission in the 1st year Degree Course made in the 6 Engineering Colleges in Kerala is presented. The total number of students admitted during the year 1974-75 in the two Government Engineering Colleges, 3 Private Engineering Colleges and

1 Regional Engineering College at Calicut is 854. The number of males admitted is 760 and Females 94. The students admitted under different castes in the 6 Engineering Colleges are given separately in Table IV attached.

Out of the total intake of 854 students 338 in two Government Colleges, 333 in three Private Colleges and 183 in the Regional Engineering College at Calicut. The percentage of total students in Government, Private and Regional Engineering College are 39.57 per cent, 38.99 per cent and 21.44 per cent respectively. If the boys and girls are taken separately 89 per cent are boys and 11 per cent are girls in the total intake. The maximum number of girls students admitted are from forward castes i.e. 67 and second from Ezhavas i.e. 20. No female students are seen admitted from Scheduled Castes and Scheduled Tribes. The girl students admitted in other castes are Muslim 4, Latin Catholic 1, other Backward Xian 1 and other Backward Hindu 1.

TABLE II

Total intake of students in the Government and Private Engineering Colleges and Regional Engineering College, Calicut for the year 1974-75

Government colleges			Private colleges			Regional engineering colleges			Total		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10	11	12
286	52	338	300	33	333	174	9	183	760	94	854

TABLE II

**Total intake of students under each caste in all the
Engineering Colleges in Kerala 1974-75**

<i>Sl. No.</i>	<i>Name of caste</i>	<i>Number of students admitted</i>		
		<i>Boys</i>	<i>Girls</i>	<i>Total</i>
1.	Forward Castes	520	67	587
2.	Ezhavas	82	20	102
3.	Muslims	62	4	66
4.	Other Backward Hindus	55	1	56
5.	Latin Catholics	17	1	18
6.	Scheduled Castes	14	..	14
7.	Other Backward Christians	8	1	9
8.	Scheduled Tribes	2	..	2
	Total	760	94	854

TABLE III

**Percentage of students admitted under different castes
in all the Engineering Colleges in Kerala in 1974-75**

<i>Sl.No</i>	<i>Name of castes</i>	<i>Percentage of students admitted</i>		
		<i>Boys</i>	<i>Girls</i>	<i>Total</i>
1.	Forward Castes	68.53	71.27	68.62
2.	Ezhavas	10.69	21.28	11.84
3.	Muslim	8.15	4.27	7.73
4.	Other Backward Hindus	7.24	1.06	6.56
5.	Latin Catholics	2.24	1.06	2.10
6.	Scheduled Castes	1.84	..	1.84
7.	Other Backward Christians	1.05	1.06	1.05
8.	Scheduled Tribes	0.26	..	0.26
		100.00	100.00	100.00

TABLE IV

Statement showing the actual intake during 1974-75 in Engineering Colleges Kerala for
B.Sc. Engineering Course

Sl. number	Name of Institution	Course of study	Scheduled Castes			Scheduled Tribes			Ezhavas			Muslims		
			M	F	T	M	F	T	M	F	T	M	F	T
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Engineering College, Trichur ..	B Sc. Egg. course	6	..	6	..	..	..	17	5	22	11	..	11
2	M. A. College of Engineering Kothamangalam ..	do.	2	..	2	..	..	..	4	1	5	2	..	2
3	T. K. M. College, Quilon ..	do.	..	..	..	..	..	..	17	7	24	16	3	19
4	N.S.S. College of Engineering, Palghat ..	do.	..	..	1	..	..	..	6	..	6	5	..	5
5	College of Engineering, Trichur ..	do.	2	..	2	..	..	..	14	5	19	10	1	11
6	Regional Engineering College, Calicut ..	do.	3	..	3	2	..	2	24	2	26	18	..	18
	Total ..	..	14	..	14	2	..	2	82	20	102	62	4	66

TABLE IV—(cont.)

Sl. number	Name of Institution	Latin Catholics			Other backward X'ians			Other backward Hindus			Forward Castes			Grand Total			
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
		2	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	Engineering College, Trichur	7	1	8	4	1	5	16	..	16	104	27	131	165	34	199	
2	M. A. College of Engineering, Kothamangalam	..	..	..	1	..	1	2	..	2	74	10	84	85	11	96	
3	T.K.M. College, Quilon	..	3	..	3	2	..	2	8	1	9	76	9	85	122	20	142
4	N.S.S. College of Engineering, Palghat	..	3	..	3	..	..	..	5	..	5	73	2	75	93	2	95
5	College of Engineering, Trichur	..	1	..	1	..	..	..	10	..	10	84	12	96	121	18	139
6	Regional Engineering College, Calicut	..	3	..	3	1	..	1	14	..	14	109	7	116	174	9	183
	Total	17	1	18	8	1	9	55	1	56	520	67	587	760	94	854	

II. Polytechnics

In the 15 Polytechnics including the Institute of Printing Technology, in the State of Kerala the total actual intake for the year 1974-75 is 1857. The male and female students are 1750 and 107 respectively. The actual intake of students under different castes are given in the statements appended. In the three Women's Polytechnics of the State a total of 293 students have been admitted during the year 1974-75. Students admitted under different castes in the three Women's Polytechnics are given in the statement attached.

Out of the total intake in the 15 Polytechnics (1129 in Government Polytechnics and 728 in Private Polytechnics) 60·80 per cent is in the 9 Government Polytechnics and 39·20 per cent is in the 6 Private Polytechnics. The total girl students admitted in these Polytechnics are only 107. The percentage of boys and girls are 94·24 per cent and 5·76 per cent respectively. The maximum number of girl students admitted are from the Ezhava Caste viz., 39, second is from forward caste 32. The minimum number of girls admitted is from Latin Catholic i.e. 4. No girl students are seen admitted from Scheduled Tribes and Other Backward X'an.

The caste-war position of girl students in the polytechnics is given below:

TABLE V

Number of girls admitted in Polytechnics in 1974-75, Kerala

<i>Sl. No.</i>	<i>Castes</i>	<i>No. of girls admitted</i>
1.	Scheduled Castes	13
2.	Scheduled Tribes	..
3.	Ezhava	39
4.	Muslims	6
5.	Latin Catholics	4
6.	Other Backward X'an	..
7.	Other Backward Hindus	13
8.	Forward Caste	32
	Total	107

Out of the total of 1,857 students admitted the maximum number is from forward caste i.e. 647. The following table gives the percentage of students admitted in different castes in 15 Polytechnics.

TABLE VI

Percentage of students admitted in different castes 1974-75

<i>Sl. No.</i>	<i>Name of castes</i>	<i>Percentage of students admitted</i>
1.	Forward Castes	34.84
2.	Ezhava	27.57
3.	Muslim	12.28
4.	Other Backward Hindus	10.93
5.	Latin Catholics	3.23
6.	Other Backward X'an	1.45
7.	Scheduled Castes	9.10
8.	Scheduled Tribes	0.60
	Total	100.00

In the case of Women's Polytechnics also the position is more or less the same. Out of the total 293 seats, maximum students i.e. 115 are from forward castes, followed by Ezhava viz. 66

The following table gives the percentage of students admitted under different castes in Women's Polytechnics,

TABLE VII

<i>Sl. No</i>	<i>Name of castes</i>	<i>Percentage of students admitted</i>
1.	Forward Caste	39.25
2.	Ezhava	22.52
3.	Other Backward X'an	9.90
4.	Other Backward Hindus	8.19
5.	Muslims	7.24
6.	Latin Catholics	3.07
7.	Scheduled Castes	9.56
8.	Scheduled Tribes	0.27
	Total	100.00

Details of grant-in-aid, etc., for the year 1974-75

	<i>Rs.</i>
(1) Total amount paid by way of grant-in-aid to Private Engineering Colleges—	
(a) Salary of staff paid under Direct Payment Scheme (Non-Plan) ..	23,10,403 60
(b) Recurring Grant (Maintenance contingency and students tour grants) ..	2,60,257 82
Total ..	25,70,661 42
(2) Total amount paid by way of grant-in-aid to Private Polytechnics—	
(a) Salary of staff paid under Direct Payment Scheme (Non-Plan) ..	23,72,316 00
(b) Recurring Grants (Maintenance contingency, students tour, etc., grants) (Non-Plan) ..	2,65,245 75
(c) Non-recurring grants (Plan) ..	1,09,985 85
Total ..	27,47,547 60

In addition to the amounts given under items (1) and (2) above, a total amount of Rs. 1,33,971 20 was paid to the Private Engineering Colleges and Polytechnics during 1974-75 towards payment of salary of staff deputed for higher studies under Quality Improvement Programme and Technical Teacher's Training Programme.

	<i>Rs.</i>
(3) Total amount paid by way of grant-in-aid to Private Industrial Schools ..	1,85,596 00
(4) Grant-in-aid to Regional Engineering College, Calicut. Recurring Grant (Non-Plan) ..	18,00,000 00
(5) Grant-in-aid to Food Craft Institute, Kalamassery. Recurring Grant (Non-Plan) ..	2,33,400 00
(6) Scholarships and stipends to students from Kerala studying outside ..	19,935 70
(7) Total receipt of the department ..	23,31,000 00
(8) Total expenditure of the department ..	2,66,84,925 00

CONCLUSION

The Department has been endeavouring its best in disseminating, diversifying and development of Technical Education in the State. Many projects, especially in the areas of technical education and Vocational training are on the anvil and it is hoped that within a few years all the projects will be ready for implementation. The Department has set its sail in the right direction. The department has embarked upon a comprehensive plan by which the teaching faculty of the Engineering Colleges, Polytechnics and Junior Technical Schools are all sent for higher training so as to cover all the faculty members within a prescribed time. The objective of the department to achieve qualitative improvement instead of quantitative at all levels is well within attainment.

(Sd.)

Director of Technical Education.

NAME OF AGENTS—(Continued from outer cover)

52. The Manager, St. Thomas Press, Palai.
53. The National Stores, Cannanore.
54. N. Chellappan Pillai, Narayana Press and Book Stall, Attingal.
55. K. Kunhambu, Bharath Printing Press, Kanhangad (P.O.), Cannanore.
56. Kozhy P. John, Vidyarthi Mithram Press & Book Depot, Kottayam.
57. Y. Habeebulla, Proprietor, New Book Centre, Near Collectorate, Quilon.
58. Vijayakumar Jain, Prabhu Book Service, Gurgoan, Hariyana.
59. Haji Abdul Rahiman Sait, Merchant, Kesavadasapuram, Trivandrum-4.
60. M. Balan, Manager, City Book Stall, R.S. Road, Ottappalam.
61. K. Kunjiraman, Manager, Jaya Stores, Vazhuthacaud, Trivandrum.
62. P. N. Narayana Pillai, M.N. Printers, Adoor.
63. S. Krishna Iyer, Proprietor, Sree Saraswathy Stores, Thycaud, Trivandrum.
64. V. M. Noohu, Book Seller, Ansari Book Stall, Nilamel.
65. A. Narayanan Potti, Book Seller, Near Civil Station, Quilon-9.
66. G. Prabhakaran Nair, Manager, Premier Book House, Muvattupuzha.
67. Manager, Desabhimani Book House, M.G. Road, Trivandrum-1.
68. K. V. Devassy, Manager, Perinthalmanna Printing Works, Perinthalmanna.
69. K. Bhaskara Pillai, Prabhla Book Depot, Attingal P.O.
70. K. A. George, Proprietor, Students Stores, 74/XII Sub Jail Road, Alwaye.
71. V. K. N. Pillai, Polayil Veedu, Manayilkulangara, Quilon-12.
72. V. Gopinathan Nair, Book Seller, Kacheri Junction, Nedumangad.
73. Smt. A. Pournambal, Proprietor, Bhagya Enterprises, M G. Road, Trivandrum.
74. K. J. Cherriyan, Manager, Victory Book House, Muvattupuzha
75. M. C. Cherriyan, M.C.C Book Depot, Chengannur.
76. M/s Radha Stores, Shoranur
77. A. T. A. Mustafa, Mustafa Book Company, P.O. Payangad, Cannanore District
78. S. M. C. Babu, Babu Brothers Book Depot, Alwaye-1.
79. P. C. Cherian, St. Mary's Press and Book Depot, Changanacheryr-1.
80. R. Radhakrishnan Nair, Proprietor, Modern Books, Near Boat Jetty Road, Quilon.
81. Smt. K. Thankamma, Contractor of K.G.'s Book Stall, Kottayam.
82. M. A. Joseph, Proprietor, House of Knowledge Publishers and Book Sellers, Round South, Trichur.
83. V. Krishna Iyer, Retired R.T.O., T.C. 18/261, Valiachala, Trivandrum.
84. C. I. Varghese, son of Chalissery Ittiachan, Central Book Stall, Palace Road, Trichur:
85. M/s New Ladies Fancy Centre, Mannarghat.
86. T. V. Thomas Panicker, Indu Book Depot, Angamali P.O., Ernakulam District.
87. M. M. Varghese, Book Centre, West Nada, Guruvayur.
88. K. J. Raphael, Santha Book Stall, Book Sellers and Stationery Merchants. G.B. Road Sulthanpet, Palghat.
89. M/s Asoka Book Agency, 2/27, Roop Nagar, Delhi-7.
90. M/s St. Joseph's Book Stall, Convent Square, Alleppey.
91. V. G. Abraham, St. Thomas Press and Book Depot, Kozhencherry.
92. N. Sadanandan, Proprietor, Sadananda Printers, Publishers and Book Sellers, .O. Alathur, Palghat District.
93. K. R. Sukumaran Nair, Sukumar Book Stall, T.C. 23/652, Thampanoor, Trivandrum.
94. P. Aravindakshan, Book Seller, Near Post Office, Kottakkal.
95. M/s D. K. Book Organisations, 74-D, Anand Nagar, (Inderlok) Delhi-110035.
96. M/s Ashok Trades, Book Sellers, Market Junction, Kottarakkara.
97. R. Viswanathan, Viswanath Stores, P. O. Chelakara, Trichur District.
98. M/s Vijnanabhavan Book Stall, Publishers and Book Sellers, Kayamkulam, Alleppey Dist.
99. N. Krishnan Nair, Edupadickal Puthen Veedu, Kattakkada P.O., Neyyattunkara Taluk.

**NAME OF AGENTS APPOINTED FOR THE SALE OF
GOVERNMENT PUBLICATIONS IN THE KERALA STATE**

1. J. S. Paul and Sons, Cannanore.
2. G. Vittal Prabhlu, News Agent, Manjeswar.
3. K. R. Brothers, Calicut.
4. Moulavi Book Depot, Kasargode.
5. Kottayi Gopalan, Tellicherry.
6. Touring Book Stall, Calicut.
7. K. P. Ahamed Kunhu and Brothers, Cannanore.
8. Pallipat Stores, Irinjalakuda.
9. St. Joseph's Press, Perinthalmanna.
10. George Press, Ottapalam.
11. Travancore Law House, Ennakulam.
12. P. K. Brothers, Calicut.
13. C. P. Savankutty Keyi, Vidyodayam Book Stall, Tellicherry.
14. M. V. John, Law Book Seller, Near Civil Courts, Tellicherry.
15. Manager, Higginbothams (Private) Ltd., Trivandrum.
16. Current Books, Publishers and Book Sellers, Trichur.
17. Educational Supplies, Book Sellers, Publishers and Printers, Palgatat.
18. H. and G. Stores, Dealers in Books, Kunnankulam.
19. Manager, Reddiar Press and Book Depot, Trivandrum.
20. K. Parameswaran Pillai, Stamp Vendor, Pulimoodu, Trivandrum.
21. Educational Supplies Depot, Trivandrum.
22. Jayachandra Book Depot, Chalai, Trivandrum.
23. S. Subramonia Iyer, Book Seller and Stamp Vendor, Kazhakoottam.
24. S. Krishna Iyer, Stamp Vendor, Ayurveda College View, Trivandrum.
25. N. Parameswaran Pillai, Alummoodu Veedu, Stamp Vendor, Kottarakkara.
26. N. Neelakanta Iyer, Stamp Vendor, Padmavilasom Street, Fort, Trivandrum.
27. The Manager, K. V. Press and Book Depot, Main Road, Attingal.
28. K. Bhaskaran Nair, News Agent, Trivandrum.
29. The Proprietor, Kerala Book House, Cranganore.
30. K. K. Raghava Menon, Popular Book Depot, Cranganore.
31. G. M. Book Stall, Publishers, Parayil, Kunnankulam.
32. A. Jose, Proprietor, S. V. Press and Book Depot, Neyyattinkara.
33. N. Paramanandam, Proprietor, Ambika Press and Book Depot, Neyyattinkara.
34. The New Order Book Company, Ellis Bridge, Ahmedabad.
35. Paz and Company, Broadway, Ennakulam.
36. S. Hariharakrishna Iyer, Vinayaka Book Stall, Pazhavangadi, Trivandrum.
37. K. P. Gopalan, Swaraj Book Stall, Court Road, Quilandy.
38. Ambal Sekhara Menon, Proprietor, Menon Stores, Chittur-Cochin.
39. M. I. Abraham, News Agent & Book Seller, Punalur P.O.
40. K. G. Thomas, K. V. Book Depot, Chengannur.
41. C. L. Joseph, The National Stores, Thana, Irinjalakuda.
42. N. Krishnamoorthy, Merchant, Manantoddy.
43. T. I. Joseph and Sons, Prakasom Press and Book Depot, Irinjalakuda.
44. P. Radhakrishna Pillai, Sivavilasom, Kizhakkekkara, Kottarakkara.
45. Vidyarambham Press and Book Depot (P) Ltd., Mullakkal, Alleppey.
46. K. S. Kumara Pillai, Sreekumar Stores, Nedumangad.
47. F. K. John, Stamp Vendor, C/o Popular Trading Co., Kottayam.
48. The Mahatma Press, Palace Road, Trichur.
49. P. K. Chacko, Proprietor, Peckarvee Trades, Kottayam.
50. Janatha Book Stall, Near P.M.G.'s Office, Trivandrum.
51. The Secretary, Govt. Servants Co-operative Society Ltd., No. A208, Alleppey.

[Continued to inside cover.]



GOVERNMENT OF KERALA

ADMINISTRATION REPORT
OF THE
TECHNICAL EDUCATION
DEPARTMENT

FOR THE YEAR 1975-76

**PRINTED BY THE S. G. P. AT THE GOVERNMENT PRESS,
ERNAKULAM—1978**

ADMINISTRATION REPORT
OF THE
TECHNICAL EDUCATION
DEPARTMENT

FOR THE YEAR 1975-76

11/1252-1

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The Government of Kerala
1978



HIGHER EDUCATION (G) DEPARTMENT

**G.O. MS. No. 175/77/H. Edn., Trivandrum, dated 15th
November 1977.**

Abstract.—Education—Technical—Administration Report of the
Technical Education Department for the year
1975-76—Reviewed.

Read.—Letter No. PGP6-62537/77, dated 27th September 1977
and 18th October 1977 from the Director of Technical
Education, Trivandrum.

ORDER

1. Recorded.

2. Dr. S. Vasudev continued as the Director of Technical Education and Sri K. Sankaranarayanan continued as Administrative Officer during the period under report. Sri K. P. Parameswaran Pillai took charge as Professor (Placement and Training) from 18th February 1976.

3. The following institutions functioned under the direct control of the Department during the year under review:—

<i>Sl. No.</i>	<i>Type of Institutions</i>	<i>Number of Institutions</i>		<i>Total</i>
		<i>Government</i>	<i>Private</i>	
1.	Engineering College	2	3	5
2.	College of Fine Arts	1	..	1
3.	Polytechnics	8	6	14
4.	Institute of Printing Technology	1	..	1
5.	Art Schools	3	..	3
6.	Women's Polytechnics	3	..	3
7.	Junior Technical Schools	21	..	21
8.	Prevocational Training Centres	4	..	4
9.	Commercial School	4	..	4
			(One is part-time)	
10.	Government Industrial Schools	2	..	2
11.	Tailoring Trade Schools	2	..	2

Sl. No.	Type of Institutions	Number of Institutions		Total
		Government	Private	
12.	Tailoring and Garment making training centre	11	..	11
13.	Weaving Training Centre	1	..	1
14.	Composing and Printing Centre	1	..	1
15.	Book Binding Centre	2	..	2
16.	Rattan Training Centre	1	..	1

A Regional Engineering College at Calicut and one Food Craft Institute at Kalamassery functioned as registered Societies. The Department exercised control over them in respect of grant-in-aid.

The State Board of Technical Education, Board of Studies in Engineering and Technology and also the staff council were functioning during the year under review.

4. The admission of students to the various technical institutions conducting Degree and Diploma courses of study both under Government and private management was done by the Department as in the previous years. The admission to Engineering College, Polytechnics, Institute of Printing Technology, Junior Technical Schools, etc., were strictly made on the basis of marks secured by the candidates for the qualifying examination as the case may be subject to the principles of reservation laid down by Government for the socially and educationally Backward Classes, Scheduled Castes and Scheduled Tribes, Sports Council nominees, etc.

5. The sanctioned annual intake and the total strength of the various institutions were as follows:—

Sl. No.	Name of Institution	No. of Institutions	Sanctioned annual intake	Total strength
1.	Government Engineering Colleges	2	436	1699
2.	Private Engineering Colleges	3	336	1267
3.	Government Polytechnics	8	1266	3466
4.	Private Polytechnics	6	940	2143
5.	Institute of Printing Technology	1	30	78
6.	Women's Polytechnics	3	320	747
7.	Junior Technical Schools	21	1230	3332
8.	Fine Arts Institutions	3	68	123
9.	Commercial Institute	4	604	669

<i>Sl. No.</i>	<i>Name of Institution</i>	<i>No. of Institutions</i>	<i>Sanctioned annual intake</i>	<i>Total strength</i>
10.	Prevocational Training Centres	4	105	288
11.	Industrial Schools	2	40	69
12.	T.G.M.T. Centres	11	320	318
13.	Tailoring Trade Centres	9	131	120
14.	Book Binding Centres	2	60	54
15.	Rattan Training Centres, Poovar	1	10	10
16.	Composing and Printing Centre, Vattiyookavu	1	30	26
17.	Weaving Training Centre, Aralummood	1	15	15
18.	College of Fine Arts	1	30	30

There were 101 grant-in-aid schools in the Private Sector during the year under review. They Coach Students for K.G.T. Examinations in various trades. There were 904 recognised Private Commercial Institutions and 39 recognised Engineering Institutions functioning during the year.

6. The details of students presented for the Final Year Examinations and the students passed from the various Institutions were as shown below:—

<i>Name of Institution</i>	<i>No. of Institutions</i>	<i>No. of students presented for the final examination</i>	<i>No. of students passed</i>
Engineering Colleges	2	B.Sc. 395	260 B.Sc.
		P.T. 77	44 P.T.
		M.Sc. 45	18 M.Sc.
Polytechnics	8	776	423
Women's Polytechnics	3	224	99
Institute of Printing Technology	1	25	11
Junior Technical Schools	21	789	371
Art Schools	3	70	50
Commercial Institutions	4	29	10
Pre-Vocational Training Centre	4	90	39

Grants were disbursed to Private Engineering Colleges, Polytechnics and Industrial and Tailoring and Garment Making Training Centres. The Private Commercial and Engineering Institutions were controlled by the Department by granting recognition after conducting inspection.

The Department concentrated its activities on imparting Technical Education through various technical institutions both under Government and private sectors which coach students for various courses of study. The formulation and implementation of plan schemes and the monitoring of the progress in implementation of plan schemes were done by the Department. The scholarships to the eligible students undergoing technical education in various institutions were granted by the Department under various schemes.

7. The details of scholarships/stipends granted to the students of various institutions were as shown below:—

Name of Institution	No. of Institutions	Scholarships			Stipend Rs.
		No. of students	Amount Rs.	No. of students	
1	2	3	4	5	6
Government Engineering Colleges ..	2	227	2,31,853.20	480	3,93,410.25
Private Engineering Colleges ..	3	126	1,10,915.00	427	2,36,803.21
Government Polytechnics ..	8	15	8,200.00	1628	7,49,521.63
Private Polytechnics ..	6	43	68,719.75	1171	6,14,376.98
Institute of Printing Technology, Shoranur ..	1	..	..	38	20,996.45
Women's Polytechnics ..	3	48	19,972.05	345	1,30,262.56
Junior Technical Schools ..	21	249	50,804.81	341	1,87,635.63
Commercial Institutes ..	4	..	..	3	645.30
Prevocational Training Centres ..	4	..	..	124	34,203.10
Industrial Schools ..	2	..	..	28	12,272.89
T.G.M.T. Centres ..	11	..	..	73	48,215.44
Art Schools ..	3	41	12,121.30	61	26,915.72
Tailoring Trade Schools and Centres ..	9	..	..	23	15,506.32
Rattan Training Centre ..	1	..	..	..	..
Weaving Training Centre ..	1	..	..	10	6,003.49
Book Binding Centre ..	2	..	..	14	8,410.87
Composing and Printing ..	1	..	..	2	1,440.00
College of Fine Arts ..	1	..	..	..	..

8. The Department was striving hard in disseminating, diversifying and developing the Technical Education in the state. The emphasis was given to the qualitative improvement, to the consolidation of the existing training facilities and improvement of their quality and

diversification of courses to suit the demands of modern industries rather than more expansion. The school of Arts, Trivandrum, was upgranded as the College of Fine Arts, Trivandrum to provide training and instruction to students following the curriculum and scheme of studies for the National Diploma. The course is of 5 years' duration with specialisation in painting, sculpture and applied art. Two centres for Diploma in Commercial Practice at Trivandrum and Manjeri were also started during the year. An extension centre of the Technical Teachers' Training Institute, Madras was started at Government Polytechnic, Kalamassery to plan and guide the reorganization of Polytechnic, Education in the state. In order to help the unemployed Engineers and Technicians in matters of placement and guidance, a separate cell under a Professor of Engineering College also started functioning during the year under review.

9. During the year 1975-76, the total expenditure under plan schemes was Rs. 31.32 lakhs. The total amount paid by way of grant-in-aid to Private Engineering Colleges and Private Polytechnics was Rs. 66,23,799.20. In addition to this an amount of Rs. 4,33,152.52 was given to the Private Engineering Colleges and Polytechnics towards salary of the teaching staff deputed for higher studies and training under the Q.I.P. and T.T. Training Schemes. The grant-in-aid paid to the Regional Engineering College, Calicut and the Food Craft Institute, Kalamassery were Rs. 18,49,000.00 and Rs. 3,00,000.00 respectively. The total receipt and total expenditure of the Technical Education Department were Rs. 32,44,236 and Rs. 3,23,93,309 respectively. The amount of scholarships and stipends paid to the students studying outside the state during the year under review was Rs. 15,703.35.

10. The working of the department during the year under review was on the whole satisfactory.

(By order of the Governor)

Dr. V. VENKITANARAYANAN,
Special Secretary to Government.

ADMINISTRATION REPORT OF THE DEPARTMENT OF TECHNICAL EDUCATION, KERALA FOR THE YEAR 1975-76

CHAPTER I

ADMINISTRATION

General

1.1. Based on the recommendation of the Special Committee appointed by the Government of India, the Department of Technical Education was formed on 4th September 1957. The Technical Institutions which were controlled by the University and the Department of Industries and Commerce were brought under the direct control of the Department with a view to Co-ordinating Technical Education in matters of Syllabi, Standard, Examinations, etc., During the subsequent years several new institutions were started and new courses were introduced. The number of institutions both (Government and Private) under the control of this Department is listed in appendix.

Advisory set up

1.2.1. *State Board of Technical Education.*—There are 36 members including officials and non-officials. The Director of Technical Education is the Ex officio Secretary and the Education Minister of Kerala is the Chairman.

The main functions of this body are to co-ordinate the technical education at the State level and to advise the Government and the Department in matters connected with the technical education. The affiliation of new institutions and courses of studies fall within the purview of the Board. During the year under review one meeting of the Board was held on 26th June 1975. A list of members of the State Board of Technical Education is given in the appendix.

1.2.2. *Board of studies in Engineering and Technology.*—The Board of Studies in Engineering and Technology, advise The State Board of Technical Education in academic matters at and below the Diploma level.

The list of members of the board of studies—is given in the appendix.

CHAPTER II

DEPARTMENTAL ACTIVITIES

2.1. The activities of the Department are mainly as follows:—

- (1) Imparting of technical education through its various institutions.
- (2) The selection and allotment of students to degree, diploma, and certificate courses to the various technical institutions both Government and Private according to the rules.
- (3) The formulation and implementation of plan schemes.
- (4) The disbursement of grants to private Engineering Colleges and Polytechnics by the Department after assessing the eligibility for the same.
- (5) Verification and passing of the claims relating to pay and allowances of staff of Private Engineering Colleges and Polytechnics.
- (6) Award of various kinds of Scholarships to the students undergoing technical education.
- (7) Control of the Private Engineering and Commercial Institutions by the Department by way of granting recognition after conducting inspection.
- (8) Monitoring of implementation of Plan Schemes.

2.2. *Control of the academic Matters of the institution.*—The academic control in respect of Engineering Colleges rested with the Universities of Kerala and Calicut and that of all the remaining institutions at and below Diploma level rested with State Board of Technical Education. The degree examinations were conducted by the Universities and the Diploma and Certificate examinations were conducted by the examination wing attached to the Department of Public Instruction on behalf of the Director of Technical Education. The question of conducting the Diploma and Certificate Examinations by the Department was under the consideration of Government.

2.3. *Staff Council.*—Dr. S. Vasudev, Director of Technical Education and Sri J. Sisupalan Pillai continued as the Chairman and Secretary respectively, of the staff council during the year. The staff council met four times during the year under review.

2.4. *Personnel.*—

- (1) *Director.*—Dr. S. Vasudev continued as Director during the year under report.
- (2) *Joint Director.*—Sri V. Kurian Thomas continued as the Joint Director—Planning, Placement and Guidance—during the year under report.

(3) *Professor.*—Placement and Training: Sri K. P. Parameswaran Pillai took Charge, as Professor, Placement and Training from 18th February 1976.

(4) *Administrative Officer.*—Sri K. Sankara Narayanan, Deputy Secretary to Government continued as Administrative Officer during the period under report.

(5) *Deputy Directors.*—Sri K. G. Menon, Sri M. Padmanabhan and Sri George Pettah continued as Deputy Directors in academic and purchase, Direct Payment and Planning and Monitoring respectively.

(6) *Financial Assistant.*—Sri V. B. Kunhalikutty continued as Financial Assistant, during the year under report.

(7) *Administrative Assistant.*—Sri K. E. Nathan was the Administrative Assistant for the whole year.

(8) *Accounts Officer.*—Sri T. K. Raghavan Nair and Sri K. Pichumony Naik were the Accounts Officer during the year under report.

CHAPTER III

ADMISSION TO ENGINEERING COLLEGES, POLYTECHNICS, WOMEN'S POLYTECHNICS AND JUNIOR TECHNICAL SCHOOLS

Engineering Colleges

3.1. Admission to all the seats in Government Engineering Colleges, and 85 per cent of the seats in the three Private Engineering Colleges in the State were made by a Committee consisting of the Principals of Engineering Colleges. Chairman, Kerala State Electricity Board, Chief Engineer (General and Irrigation) Registrar, University of Kerala and the Director of Technical Education. The Committee was assisted by a special staff attached to the Directorate of Technical Education appointed for the purpose.

3.1.2. Admission to Engineering Colleges was made strictly on the basis of marks secured by the candidates for the Pre-Degree Examinations or the qualifying examination as the case may be, subject to the Principles of reservation laid down by Government for the Socially and Educationally Backward Classes and the Scheduled Castes, Scheduled Tribes, Sports Council nominees, nominees from other states and other reservations. The table showing the actual intake during the year 1975-76 is given in appendix.

College of Fine Arts

3.2 Candidates for admission to the first year integrated preparatory course must have passed S.S.L.C. or equivalent with eligibility for college admission. Selection was made on the basis of aptitude tests and interview which was conducted by a committee appointed by Government. The ratio of marks for aptitude test and interview was 4:1. Minimum marks for pass in the aptitude test was 40 per cent Scheduled Castes/Scheduled Tribes were allowed a reduced minimum of 35 per cent in the aptitude test for eligibility for interview.

3.3.1 The selection of candidates for admission to all the Polytechnics in the Public Sector, Institute of Printing Technology and 85 per cent of the seats in the six private polytechnics was made by a committee, consisting of the Principal of Polytechnics and the Principal, Institute of Printing Technology, Shoranur and Director of Technical Education with the Assistance of the Staff of the Directorate deputed for the purpose.

3.3.2 The selection of candidates for admission was made strictly on the basis of marks obtained for Mathematics and General Science in the S.S.L.C./J.T.S.L.C. Examination, subject to the principles of reservation of seats fixed by Government for socially and Educationally Backward classes, Scheduled Castes/Scheduled Tribes and other reservations.

During the year under report, number of seats to Polytechnics was restored to the original sanctioned intake due to the large number of applicants in view of the all promotion given to high school classes.

Women's Polytechnics

3.4 The selection of candidates for admission to the 3 Women's Polytechnics was also made by a committee consisting of the Principals of Women's Polytechnics and the Director of Technical Education with the help of the staff of the Directorate. The method of selection was the same as that followed for Engineering Colleges and Polytechnics.

Junior Technical Schools

3.5 Admission to all the 21 Junior Technical Schools was made on the basis of marks obtained in the common test conducted by the Director of Technical Education, in the respective institutions, subject to the principles of reservation of seats to Scheduled Castes and Scheduled Tribes laid down by Government. The selection in each institution was made by a committee consisting of the Superintendent of the concerned Junior Technical School, a graduate teacher of the same school, an industrialist of the area and a principal of the nearest Polytechnic.

Private Grant-in-aid Schools

3.6 There were 101 grant-in-aid schools during the year under report. Students were given coaching in various trades like Tailoring, Embroidery, Printing, Weaving, Drawing, etc., for the Kerala Government Technical Examinations.

3.6.2 Admission to these institutions was made from candidates within the age group of 14-25 who have passed VII Standard or equivalent. These institutions were paid teaching grant at the rate of Rs. 85 per teacher subject to their satisfying the conditions laid down in the grant-in-aid Code.

Private Commercial and Engineering Institutions

3.7 The Private Commercial and Engineering Institutions under the control of the Department were being inspected by the departmental staff and recognition awarded. Admission of candidates was done by the private agencies themselves. During the year under report there were altogether 90+ recognised Commercial Institutions and 39 recognised Engineering Institutions.

CHAPTER IV

PROGRESS AND ACHIEVEMENTS IN FIVE YEAR PLAN SCHEMES 1975-76

4.1 The year under report is the second year of the implementation of development schemes in the Fifth Five Year Plan. The fourth plan policy of qualitative improvement continued in the annual plan 1975-76 also. The emphasis was given to consolidation of existing training facilities and improvement of their quality and diversification of courses to suit the demands of modern industries rather than more expansion.

4.2 During the year 1975-76 the total expenditure under plan schemes was Rs. 31.32 lakhs. The plan expenditure was to the extent of 113 per cent in the original provision.

4.3 The School of Arts, Trivandrum has been upgraded as the College of Fine Arts, to provide training and instruction to students following the curriculum and scheme of studies for the National Diploma. The course is of 5 year duration with specialisation in painting, sculpture and applied art.

4.4 Centres for Diploma in Commercial Practice at Trivandrum and Manjeri were started during the year under report.

4.5 Under the quality improvement programme about 24 persons were sent for training under faculty development for Post-graduate and Doctorate programme. Similarly under Technical Teachers' Training Programme at Madras 31 persons were deputed during the year under report.

4.6 With regard to the purchase of machinery and equipment, the targets fixed for the various institutions have been almost fully achieved.

4.7 An extension centre of the Technical Teachers' Training Institute, Madras has been started at Government Polytechnic, Kalamassery. The object of this centre is to plan and guide the reorganisation of Polytechnic Education in our State. Workshops on revised curriculum for Polytechnic education were undertaken at this centre.

4.8 A separate cell for Placement and Training started functioning from 18th February 1976 for the co-ordination of Apprenticeship Training within the State, under the Apprentices (Amendment) Act with respect to Graduate and Diploma holders in Engineering.

The immediate objective was to create an awareness among the industrial community to discharge their Social as well as statutory obligation by training as many Engineers and technicians as possible. With this purpose, a conference of industrialists with the State was convened on 8th March 1976 at the Government Polytechnic, Kalamassery under the Chairmanship of Sri K. T. Chandy. The conference was well attended and it generated a positive response from the industrialists.

Interviews for selection of Apprenticeship trainees were conducted at the Directorate for the town planning Department, as well as for Kerala State Small Industries Corporation and suitable candidates were selected and posted. Panels of candidates were sent to various industries to facilitate selection of trainees under the act. A list of 164 new industries not located earlier, was compiled and sent to the Regional Central Apprenticeship Adviser, Madras.

4.9 The two Centrally Sponsored Schemes implemented in this department was for the conduct of P. G. Courses at College of Engineering, Trivandrum and at Engineering College, Trichur. The final budget provision fixed for this two schemes was Rs. 16.13 lakhs. The expenditure came to Rs. 16.13 lakhs.

4.10. The scheme wise provision and expenditure under Plan schemes implemented during the year 1975-76 are given below:

<i>Sl. No.</i>	<i>Name of Scheme</i>	<i>Budget provision for 1975-76</i>	<i>Expenditure till 31-3-1976</i>
1.	Directorate of Technical Education, Placement and Statistical cell	.. 1.40	1.35
2.	Junior Technical School	.. 1.35	2.00
3.	Government Polytechnics	.. 3.75	3.56
4.	Government Engineering College, Trivandrum	.. 2.00	2.85
5.	Engineering College, Trichur	.. 2.00	2.00
6.	Installation of Computer at the Kerala University Centre	.. 0.25	0.25
7.	Regional Engineering College, Calicut	.. 1.00	0.91
8.	Part-time course	.. 1.50	2.18
9.	Faculty Development	.. 3.50	7.40
10.	Private Engineering Colleges	.. 1.00	0.71
11.	Private Polytechnics	.. 1.00	0.42
12.	Food Craft Institute, Kalamassery	.. 1.00	1.00
13.	Scholarships	.. 1.00	0.68
14.	Text Book and Book Bank	.. 0.10	0.19
15.	L. B. S. Engineering Experimental and Research Centre	.. 1.00	..
16.	Apprenticeship Training	.. 0.25	0.01
17.	Teachers' Training	.. 0.26	0.84
18.	Diversification of courses	.. 4.00	2.64
19.	Library Development	.. 0.50	0.83
20.	Technical Museum	.. 0.10	..
21.	Curriculum Development	.. 0.25	0.04
22.	Industrial Liaison	.. 0.25	0.25
23.	Centre for Diploma in Commercial Practice	.. ..	0.65
24.	College of Fine Arts	.. ..	0.56
	Total	.. <u>27.46</u>	<u>31.32</u>

<i>Sl. No.</i>	<i>Name of Scheme</i>	<i>Budget provision for 1975-76</i>	<i>Expenditure till 31-3-1976</i>
CENTRAL SECTOR SCHEMES:			
1.	Postgraduate Course in Engineering College, Trivandrum	.. 11.15	11.15
2.	Postgraduate course in Engineering College, Trichur	.. 4.98	4.98
	Total	.. <u>16.13</u>	<u>16.13</u>

CHAPTER V

ACTIVITIES OF GOVERNMENT INSTITUTIONS

Government Engineering Colleges.

5.1.1. In the two Government Engineering Colleges at Trivandrum and Trichur undergraduate courses in Civil, Mechanical and Electrical Engineering were conducted. In addition to the above Electronics and Telecommunication and Architectural Engineering at College of Engineering, Trivandrum and Chemical Engineering and Naval Architecture Courses at Engineering College, Trichur were conducted at the undergraduate level. These courses at the Engineering College, Trichur were on semester pattern.

5.1.2. Both the colleges have continued the 4 year part-time degree courses in Civil, Mechanical and Electrical Engineering for the Diploma holders.

5.1.3 Two year postgraduate courses in Civil, Mechanical and Electrical Engineering with different specialisations were conducted in both the Colleges. Further M. Sc. Degree course in Electronics with specialisation in Microwave Engineering at College of Engineering, Trivandrum and Chemical Engineering with specialisation in process control at Engineering College, Trichur were also conducted.

5.1.4. Part-time M. Sc. Degree course of 3 years duration for Lecturers in Engineering Colleges were also conducted at the College of Engineering, Trivandrum.

5.1.5. The details of sanctioned strength and actual intake for each courses are given as appendix.

5.1.6. The institutions have taken active interest in sports and games by participating the students in State Championships Inter-Collegiate Tournaments and Athletic Meets. The College of Engineering, Trivandrum has spent an amount of Rs. 11416.73 for the sports and games. The Engineering College, Trichur has not given the expenditure incurred on this item.

5.1.7. The total receipt, expenditure, hostel facilities, scholarships/stipends to students library facilities outturn of students, training of teachers and other such details are given in the various tables appended.

Consultancy

5.1.8 The construction of the new Block and addition to the old Block of the Sree Chitra Thirunal Medical Centre was taken by a consulting cell of the College of Engineering, Trivandrum under the supervision of Dr. T. S. Ramanathan vide G. O. Rt. No. 1619/75/H. Edn., dated 5th September 1975.

Polytechnics

5.2. *Government Polytechnics.*—In the eight Government Polytechnics in the State Three Year Diploma Courses in Civil, Mechanical and Electrical Engineering were conducted during the year.

5.2.2. In addition to the above conventional courses, Three Year Diploma Course in Automobile Engineering and Chemical Technology at Government Polytechnic, Kalamassery, Electronics and Textile Technology at Central Polytechnic, Trivandrum, Chemical Engineering at Kerala Government Polytechnic, Calicut and Textile Technology at Government Polytechnic, Cannanore were also conducted.

5.2.3. Four Year Part-time Diploma Courses in Civil, Mechanical and Electrical Engineering were also conducted at Central Polytechnic, Trivandrum, Government Polytechnic Kalamassery, M.T.I., Trichur and Kerala Government Polytechnic, Calicut.

5.2.4. Under Diversification of Diploma Courses, Three Year Diploma in Commercial Practice was started at Government Polytechnic, Kottayam. Besides, a Certificate Course of 2 years duration in Textile Technology was also conducted at Central Polytechnic, Trivandrum.

5.2.5. The Polytechnics participated in Inter-Polytechnic Meets and Youth Festivals.

5.2.6. The details of sanctioned and actual intake receipts and expenditure, hostel facilities, Library, Scholarship/Stipends training of teachers, etc., etc., in the Government Polytechnics are given separately in the tables appended.

Women's Polytechnics

5.3.1. Two Year Diploma Course in Costume Design and dress making and Three Year Diploma Course in Commercial Practice were conducted in all the 3 Women's Polytechnics in Kerala. Besides, Three Year Diploma Course in Instrument Technology at Women's Polytechnic, Trivandrum and Electronics at Women's Polytechnic, Trichur were conducted.

5.3.2. All the three Institutions have participated in Sports, Games and other extra-curricular activities.

5.3.3. The informations on sanctioned and actual intake, receipt and expenditure, hostel and library facilities, Scholarship/Stipend, Training of teachers etc., etc., are given in the tables appended.

Institute of Printing Technology, Shoranur

5.4.1. Three Year Diploma Course in Printing Technology (Letter Press Group) was conducted in the Institution. The sanctioned intake of the Institution was 30 and all the seats were filled up during the year.

5.4.2. The Institution has participated in games, visual education, and association activities.

Junior Technical Schools

5.5.1. In all the 21 Junior Technical Schools, in Kerala, J.T.S L.C. Course of 3 year duration was conducted from the second year of the course, training was given to students in one of the following trades in each school:—

1. Machinshop
2. Turner
3. Fitting
4. Smithy
5. Pattern making
6. Welding
7. Sheet Metal
8. Motor Mechanic (Only at Manjeri)
9. Moulding
10. Electric Repair (Only at Trichur)

The sanctioned annual intake for the course was 60 in all the Junior Technical schools except in Badagara where the sanctioned intake was 30 only. The actual intake in each Institution is given in the appendix.

5.5.2. The Junior Technical Schools have taken part in sports and games activities. Youth festivals and conducted annual day celebrations, annual day sports and other association activities.

5.5.3. The other details such as scholarship/stipends, receipt and expenditure, library facilities, total strength etc., etc., are given Institution-wise in the tables appended.

Art Institutions

5.6.1. There were 3 Art Institutions of which the old School of Arts, was upgraded as College of Fine Arts. The other two Institutions were Institute of Fine Arts, Trichur and R. V. Institute of Fine Arts, Mavelikkara. As a result of the upgradation of School of Arts the Craft section was transferred to Central Polytechnic, Trivandrum and the Pottery Section was allowed to continue at the College of Fine Arts Campus.

5.6.2. In the College of Fine Arts, National Diploma Courses of 5 years duration in Painting, Sculpture and Applied Art were offered.

5.6.3. At the R. V. Institute of Fine Arts, 2 Year Certificate course and 4 Year Diploma Course in.

(1) Drawing and Painting

(2) Sculptur and Modelling and 1 year Post Diploma Course were started in the place of existing courses.

5.6.4. Diploma Course in Drawing and Painting and Diploma Course in Engraving were conducted at the Institute of Fine Arts, Trichur.

5.6.5. The information on other activities are given separately in the tables appended.

Commercial Institutions

5.7.1. *Diploma Course in Shorthand and Typewriting.*—Diploma Course in Shorthand and Typewriting, of two years duration was conducted as a part-time course, at Trivandrum. The sanctioned annual intake was 30 and all the 30 seats were filled up. The other details about the course are given in the tables appended.

5.7.2. *Government Commercial Institutions.*—Three such institutions were functioning during the year at Trivandrum, Ernakulam and Manjeri. Of which the institutions at Trivandrum and Manjeri were started in 1975-76. The sanctioned intake of all these institutions was 60 each. The courses offered were typewriting and shorthand (English and Malayalam).

Business Organisation and Secretarial Practice, Salesmanship and Marketing, Banking Law and Practice, Co-operation Theory and Practice and Accountancy. The course was of two years duration leading to K.G.T.E Certificate. The other details are given in the tables appended.

Prevocational Training Centres

5.8.1. There were altogether four prevocational training centres attached to the Junior Technical Schools, Attingal, Kodungallur, Manjeri and Cannanore.

5.8.2. The prevocational training centres at Attingal and Manjeri offered engineering trades, while the centres at Cannanore and Kodungallur offered courses in home economics and agriculture respectively. Only girls were admitted at Prevocational Training Centres, Cannanore. Girls admitted to Prevocational Training Centres, at Manjeri were given training in tailoring trade.

5.8.3. The sanctioned annual intake, actual intake, scholarships stipend and other information are given in the tables appended.

Tailoring and Garment Making Training Centres

5.9. During the year under report there were eleven tailoring and garment making centres in the State functioning at Pattom, Thevally, Kanjikuzhy, Tripunithura, Narakkal, Trichur, Kalpathy, Kondotty, Badagara, Dharmadam and Payyannur. One year course in tailoring and garment making was conducted in these centres. Details in respect of individual institutions are given separately in the tables appended. A refresher training course in tailoring was conducted at Women's Polytechnic, Trivandrum from 7th May 1975 to 7th June 1975 for the instructors.

Government Industrial Schools

5.10. There were two Government Industrial Training Schools in the State functioning at Irinjalakuda and Wadakkancherry. Two year diploma course in tailoring and embroidery was conducted in these centres. The other details are given in the tables attached.

Vocational Training Centres

5.11.1. There were nine vocational training centres in the State offering courses in tailoring at Haripad, Devikulam, Parassala Pachal-lur, Karimkulam, Kanjiramkulam, Kandalala, Chirayinkil and Chengannur. The duration of the course was for one year.

5.11.2. There was a rattan training centre functioning at Paraniyam near Poovar where two year course for rattaning was offered.

5.11.3. There were four other centres in the State, where one year coaching was offered in book binding at Kulathur and Manacaud, composing and book binding at Vattiyookavu and weaving training at Aralumood.

5.11.4. The other information relating to the individual institutions are given separately in the tables appended.

Private Institutions

5.12.1. *Private Engineering Colleges.*—In the three Private Engineering Colleges at Quilon, Kothamangalam and Palghat undergraduate courses in Civil, Mechanical and Electrical Engineering were conducted. The sanctioned and actual intake in each college are given in the tables appended.

5.12.2. All these institutions have taken part in extracurricular activities and an expenditure of Rs. 8,621 09, Rs. 4,479 00 have been incurred by T.K.M. College of Engineering, Quilon and M.A. College of Engineering, Kothamangalam respectively, for the sports activities.

5.12.3. Other details such as total strength outturn, receipt and expenditure, scholarship/stipend, library facilities, hostel, training of teachers, etc., etc., are given separately in the tables appended.

5.12.4. *Private Poly technics.*—Out of the six Private Polytechnics 3 year full time diploma course in Civil, Mechanical and Electrical Engineering were conducted in all the polytechnics except at Swamy Nityananda Polytechnic, Kanhangad where only courses in mechanical and automobile engineering were conducted. A three year diploma course in electronics were also conducted at Seethi Sahib Memorial Polytechnics, Tiru.

5.12.5. The institutions have taken interest in activities like sports, games, arts club association activities. It is reported that the Thiagaraja Polytechnic, Alagappanagar came out first in the Inter Zone Hockey in all Kerala Polytechnic Tournament.

5.12.6. The information relating to other activities of the institutions are given in the tables appended.

CHAPTER VI

REGIONAL ENGINEERING COLLEGE, CALICUT

6.1. The Regional Engineering College, Calicut which was started in September 1961 is the ninth of its kind sponsored by the Government of India and the first one established during the third five

year plan period. The college is a joint enterprise of the Central Government and the Kerala State Government and has been registered as a society under the XXI Societies Registration Act of 1860. It is under the management and control of a Board of Governors consisting of members representing the States in the Southern Region, the All India Council for Technical Education, the Southern Regional Committee and the Ministry of Education of the Government of India.

6.1.2. During the year under report, one year Engineering Preparatory, 4 Year B.Sc. Engineering in Civil, Mechanical and Electrical Engineering and 2 year M.Sc. Engineering Courses in structural Engineering, Heat Power (Refrigeration and Air Conditioning and Instrumentation and Control System were conducted in the Regional Engineering College, Calicut. No new courses were started during the year.

6.1.3. Extra-curricular activities are organised by the students under different clubs for sports and games, fine arts, literary and debating activities, painting and sketching, gymnastic, social service league, audio visual N.S.S. and industrial forum were organised. Three departmental Associations in Civil, Mechanical and Electrical Engineering were also organised.

6.1.4. An expenditure of Rs. 88,459.69 has been incurred towards the extra curricular activities.

6.1.5. The details on other activities are given in the tables attached.

FOOD CRAFT INSTITUTE, KALAMASSERY

6.2.1. During the year 1975-76 the following courses were conducted in the Food Craft Institute, Kalamassery:—

One year certificate course in:

1. Hostel Reception, Book-keeping and Typewriting.
2. Restaurant and Counter Service.
3. Cookery.
4. Bakery and Confectionary.
5. Canning and Food Preservation.

A part-time, housewives course for 13 weeks in Cookery, Bakery and Confectionary was also conducted in the Institution.

6.2.2. The Institute had no facilities for hostel accommodation. 29 seats of the Government Polytechnic, Kalamassery have been allotted for the students of this institute.

6.2.3. Educational tours to Hotels, Factories, Places of Archaeological importance, etc., were arranged. Students were taken on an excursion to Thekkady, Moozhiyar and Idikki. An expenditure of Rs. 1,501.93 has been incurred for the extracurricular activities.

6.2.4. A refresher course of 2 months duration in restaurant service was conducted for the persons working in the industry. The sanctioned intake was 20 and 16 were admitted for the course.

6.2.5. The other relevant information are given in the tables appended.

Details of grants paid to the Private Engineering Colleges and Polytechnics, Regional Engineering College, Calicut and Food Craft Institute, Kalamassery during the year 1975-76

**1. Total amount paid by way of grant-in-aid
-- to Private Engineering Colleges.—**

(a) Grants—

	Rs.
(i) Amount paid towards maintenance contingencies Library and Laboratories and students tour-grants (Under non-plan) ..	1,55,340.04
(ii) Amount paid towards Non-recurring grant (Under plan) ..	71,229.49
(b) Salary of staff paid under the Direct Payment Scheme (Under non-plan) ..	32,58,881.85

**2. Total amount paid by way of grant-in-aid to
Private Polytechnics.—**

(a) Grants:

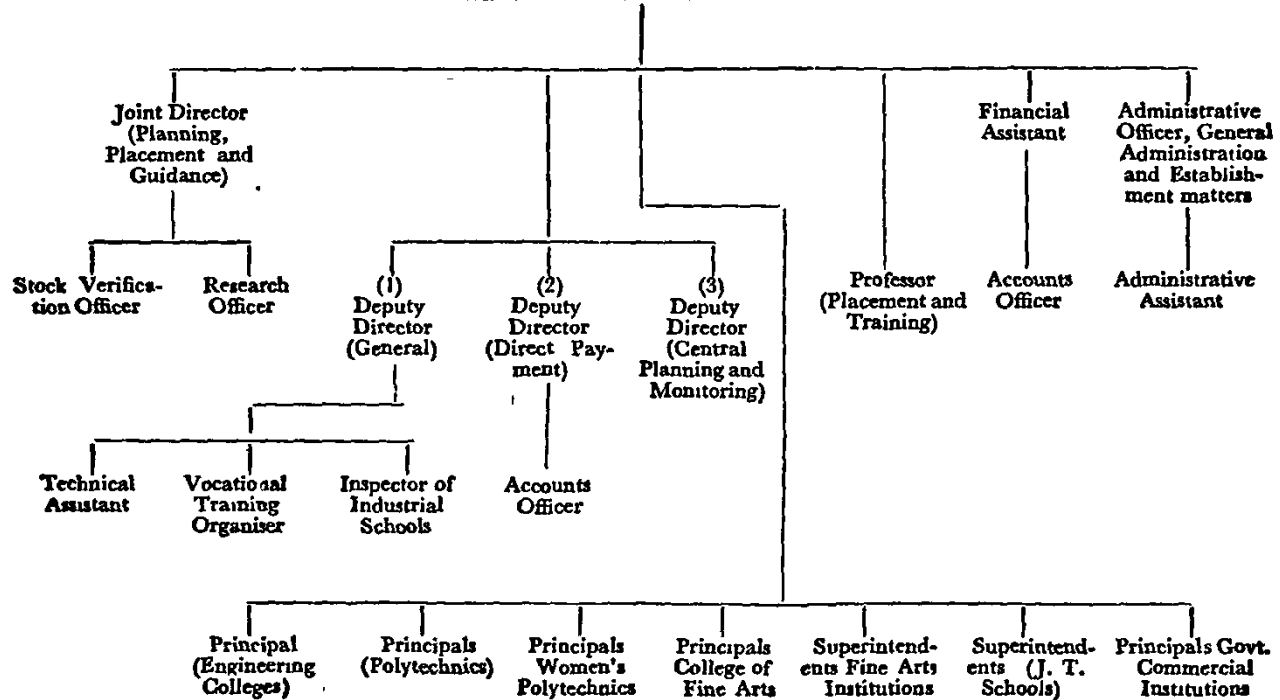
(i) Amount paid towards maintenance, contingencies, library and laboratories and students tour grants (Under non-plan) ..	67,981.76
(ii) Amount paid towards non-recurring grant (Under plan) ..	34,489.39
(b) Salary of staff paid under the Direct Payment Scheme (Under non-plan) ..	30,35,876.67

In addition to the amounts given above, the following amounts were also paid to the Private Engineering Colleges and Polytechnics towards salary of the teaching staff deputed for higher studies and training under the Quality Improvement Programme and Technical Teachers Training Schemes respectively:—

			Rs.
Quality Improvement Programme [277.F (h)-2-Faculty Development (Plan)]		..	4,04,490 62
Teachers Training [277.F (h) Training (3) —Teachers Training (Plan)]		..	28,661-90
	Total	..	<u>4,33,152-52</u>
 3. <i>Grant-in-aid to Regional Engineering College, Calicut.—</i>			
(a) Recurring grant (Under non-plan)		..	18,00,000-00
(b) Non-recurring grant (Under plan)		..	49,000 00
			<u>18,49,000 00</u>
 4. <i>Grant-in-aid to Food Craft Institute, Kalamassery</i>			
(a) Recurring grant (Under non-plan)		..	2,00,000-00
(b) Non-recurring grant (Under plan)		..	1,00,000 00
			<u>3,00,000 00</u>
 5. <i>Scholarships.—</i>			
“277.F— Technical Education (f) Scholarship”		..	15,703-35
 6. <i>Grant-in-aid.—</i>			
277.F (h) 5—Grant-in-aid (Non-plan)		..	1,81,787-15
 NON-TAX REVENUE:			
(a) Arrears outstanding at the beginning of the year		..	2,64,017-74
(b) Demand for the year		..	15,35,747-24
(c) The amount collected during the year		..	16,46,251-93
(d) The amount remitted or written off during the year		..	..
(e) Balance carried forward to the subse- quent year		..	1,53,513 05

Organisation of the Department of the Technical Education

DIRECTOR OF TECHNICAL EDUCATION



CONCLUSION

The department was striving hard in disseminating, diversifying and development of Technical Education in the State. The programme of qualitative improvement of the teaching faculty of Engineering Colleges, Polytechnics, Junior Technical School, etc., was being implemented according to the original plans. The Atmosphere in the Institutions was reported to be calm and there were no instances of strikes or agitations.

The School of Arts, Trivandrum has been upgraded as the College of Fine Arts, following the curriculum and Scheme of studies for the National Diploma:

Two Centres for Diploma in Commercial Practice at Trivandrum and Manjeri were started during the year.

An extension centre of Technical Teachers Training Institute, Madras has been started at Government Polytechnic, Kalamassery, to plan and guide the reorganisation of Polytechnic Education in the State.

An evaluation and assessment committee consisting of experts was constitute, for the evaluation and assessment of Polytechnic Education in Kerala.

The committee started its work during March 1976, visiting the Central Polytechnic, Trivandrum. The recommendation of the Committee will be much valuable for the development of the Polytechnic Education in Kerala.

In order to help the unemployed Engineers and Technicians in matters of placement and guidance a separate cell under Professor of the Engineering College started functioning during the year.

The members of the Faculty started taking up consultancy work. Research problems from industries were taken up as faculty research and postgraduate research topics.

The Department was functioning smoothly during the year under report.

(Sd.)

Director of Technical Education.

TABLE I

Details of students presented for the final year Examination and the students that passed from the various Government Institutions

<i>Name of institution</i>	<i>No. of institutions</i>	<i>No. of students presented for the final examination</i>	<i>No. of students passed</i>
Engineering Colleges	2	B.Sc. 395	260 B.Sc.
		P.T. 77	44 P.T.
		M.Sc. 45	18 M.Sc.
Polytechnics	8	776	423
Women's polytechnics	3	224	99
Institute of Printing Technology	1	25	11
Junior Technical Schools	21	789	371
Art Schools	3	70	50
Commercial Institutions	4	29	10
Prevocational Training Centre	4	90	39

TABLE II
Details of Scholarships and Stipends

Name of institution	No. of Institutions	Scholarships			Stipend
		No. of Students	Amount Rs.	No. of Students	Rs.
1	2	3	4	5	6
Government Engineering Colleges ..	2	227	2,31,853·20	480	3,93,410·25
Private Engg. Colleges ..	3	126	1,10,915·00	427	2,36,803·21
Govt. Polytechnics ..	8	15	8,200 00	1628	7,49,521·63
Private Polytechnics ..	6	43	68,719·75	1171	6,14,376·98
Institute of Printing Technology, Shoranur..	1	..	..	38	20,996 45
Women's Polytechnics ..	3	48	19,972·05	345	1,30,262·56
Junior Technical Schools ..	21	249	50,804·81	341	1,87,635 63
Commercial Institutes ..	4	..	..	3	645,30
Prevocational Training Centre ..	4	..	..	124	34,203·10
Industrial Schools ..	2	..	..	28	12,272·89
T.G.M.T.Centres ..	11	..	..	73	48,215·44
Art Schools ..	3	41	12,121·30	61	26,915·72
Tailoring Trade Schools and Centres ..	9	..	..	23	15,506·32
Rattan Training Centre ..	1	..	..	..	..
Weaving Training Centre ..	1	..	..	10	6,003 49
Book Binding Centre ..	2	..	..	14	8,410 87
Composing and Printing ..	1	..	..	2	1,440·00
College of Fine Arts ..	1	..	..	..	..

TABLE III

The details of sanctioned annual intake and the total strength of the various Institutions

<i>Sl. No.</i>	<i>Name of Institution</i>	<i>No. of Institutions</i>	<i>Sanctioned annual intake</i>	<i>Total Strength</i>
(1)	(2)	(3)	(4)	(5)
1.	Government Engineering Colleges ..	2	436	1699
2.	Private Engineering Colleges ..	3	336	1267
3.	Government Polytechnics ..	8	1266	3466
4.	Private Polytechnics ..	6	940	2143
5.	Institute of Printing Technology, Shoranur ..	1	30	78
6.	Women's Polytechnics ..	3	320	747
7.	Junior Technical Schools ..	21	1230	3332
8.	Fine Arts Institutions ..	3	68	123
9.	Commercial Institute ..	4	604	669
10.	Prevocational Training Centres ..	4	105	288
11.	Industrial Schools ..	2	40	69
12.	T.G.M.T. Centres ..	11	320	318
13.	Tailoring Trade Centres ..	9	131	120
14.	Book Binding Centres ..	2	60	54
15.	Rattan Training Centre, Poovar ..	1	10	10
16.	Composing and Printing Centre, Vattiyookavu ..	1	30	26
17.	Weaving Training Centre, Aralumood ..	1	15	15
18.	College of Fine Arts ..	1	30	30

APPENDIX

- I. Number of Institutions under the direct control of the department
- II. List of members of the State Board of Technical Education
- III. List of members of the Board of Studies in Engineering and Technology
- IV. The sanctioned intake, actual intake, Backward Community and Scheduled Caste/Scheduled Tribes students. Total strength with Backward Community and Scheduled Caste/Scheduled Tribes students in each Institution.
- V. Outturn of students—Number of students presented and number of students passed from each Institutions.
- VI. Facilities in the Library. Number of books purchased during the year, amount spent, and the total number of books in the Library.
- VII. Hostel facilities, number of seats in the hostel, number of students admitted and total number of inmates in the hostel.
- VIII. Scholarships and stipends—Nature of scholarships and stipends, number of students and the amount paid in each Institution.
- IX. Receipts and expenditure—Receipts of the Institution and hostel, expenditure of the Institution and hostel in each Institution.
- X. List of persons sent for training from the various Institutions.
- XI. Amount spent on extracurricular activities (Institution-wise)

APPENDIX I

**Number of Institutions under the direct control
of the department**

Sl. No.	Type of Institutions	No. of Institutions		Total
		Government	Private	
(1)	(2)	(3)	(4)	(5)
1.	Engineering Colleges ..	2	3	5
2.	College of Fine Arts ..	1	..	1
3.	Polytechnics ..	8	6	14
4.	Institute of Printing Technology ..	1	..	1
5.	Art Schools ..	3	..	3
6.	Women's Polytechnics ..	3	..	3
7.	J. T. Schools ..	21	..	21
8.	Prevocational Training Centres ..	4	..	4
9.	Commercial Schools ..	4	..	4
				(One is part-time)
10.	Government Industrial Schools ..	2	..	2
11.	Tailoring Trade Schools ..	2	..	2
12.	Tailoring and Garment making Training Centre ..	11	..	11
13.	Weaving Training Centre ..	1	..	1
14.	Composing and Printing Centre ..	1	..	1
15.	Book Binding Centres ..	2	..	2
16.	Rattan Training Centre ..	1	..	1

In addition to the above, there is one Regional Engineering College, Calicut and one Food Craft Institute at Kalamassery which function as registered Societies. The department exercises control over them in respect of grant-in-aid.

APPENDIX II

List of members of the State Board of Technical Education

1. The Minister for Education (Chairman)
2. The Special Secretary to Government,
Higher Education Department, Government of Kerala.
3. The Secretary to Government,
General Education Department, Government of Kerala.
4. The Special Secretary to Government,
Finance Department.
5. The Special Secretary to Government,
Industries Departments Government of Kerala.
6. The Director of Industries and Commerce, Trivandrum
7. The Director of Employment and Training,
Trivandrum.
8. The Director of Collegiate Education,
Trivandrum
9. The Director of Public Instructions,
Trivandrum.
10. The Chief Engineer,
Public Works Department.
11. Sri K. M. Bahauddin,
Principal, Regional Engineering College, Calicut.
12. Sri P. S. Subramoniam,
Principal, Engineering College, Trichur.
13. Dr. S. Narayana Iyer,
Professor-in-charge, College of Engineering, Trivandrum.
14. Sri M. Ramaswamy Iyer,
Sr. Architect, Public Works Department, Trivandrum.

15. Sri K. Venkitaraman,
Professor in Tele-communication, College of Engineering,
Trivandrum.
16. Dr. M. V. Raghavacharya,
Professor in Chemical Engineering, Engineering College,
Trichur.
17. Sri Kurien John,
Superintendent Government Presses, Trivandrum.
18. Sri D. Bhaskaran Nair,
I Gr. Professor of Commerce, Government College,
Chittur.
19. Sri A. Sreedhara Menon,
Registrar, University of Kerala, Trivandrum.
20. Dr. C. P. Kuriakose,
Pro-vice Chancellor, Cochin University, Hill Palace,
Tripunithura.
21. Sri T. P. Kuttiammu,
Dean, Faculty of Engineering, Calicut University.
22. Professor S. Sampath,
Deputy Director, Indian Institute of Technology, Madras.
23. Sri K. I. Idiculla,
F.I.E., Retired Chief Engineer, Kandathil, Jawahar-
nagar, Trivandrum-3.
24. The Assistant Educational Adviser (T) SRO,
First Floor, Shastri Bhavan, 35, Haddows Road, Madras.
25. Dr. G. L. Amba Rao,
Head, Structural Engineering and Applied Mathematics
Division, S.S.T.C., V.S.S.C. Thumba.
26. Pro. Aliyas Varghese,
M. A. College of Engineering, Kothamangalam.
27. Sri P. S. Namboodiri,
Ex. M.L.A., Amballur P. O., Puthukadu (Via) Trichur

28. Sri A. K. Kaderkuty,
Managing Director, Western India Plywood Ltd.,
Kaliapattam, Cannannore District.
29. Sri K. Abdulla,
Head of Section, S. S. M. Polytechnic, Tirur-5.
30. Sri C. I. Mathew,
Principal, Government Polytechnic, Kalamassery
31. Sri R. Govinda Menon,
Principal, N. S. S. College of Engineering, Palghat
32. Sri N. Bhaskara Kurup,
N. S.S. Polytechnic, Pandalam.
33. Sri T. K. Surendran,
Superintendent, Junior Technical School, Kodungallur.
34. Sri C. M. Francis,
Managing Director, Trivandrum Spinning Mills,
Balaramapuram, Trivandrum.
35. Sri N. Ramakrishnan,
Deputy Secretary (Edn.)
36. The Director of Technical Education, Trivandrum
(Secretary)

APPENDIX III

Board of Studies in Engineering and Technology

1. The Director of Technical Education (Chairman)
2. The Director of Public Instruction, Kerala
3. The Chief Engineer (General), Public Works Department,
Trivandrum.
4. The Chief Engineer, (Electrical), Kerala State Electricity
Board

5. Sri G. G. Salem,
Principal, Government Polytechnic, Kottayam.
6. Sri Ramavarma Appan Thampuran,
Sr Lecturer, Government Polytechnic, Cannanore.
7. Sri K. Abdulla,
Principal, S. S. M. Polytechnic, Tirur.
8. Dr. M. V. Raghavacharya,
Head of Department of Chemical Engineering, College of
Engineering, Trichur
9. Sri N. Bhaskara Kurup,
Principal, N.S. S. Polytechnic, Pandalam.
10. Sri Janaranjanadasan, Professor of Commerce, Government
Arts College, Trivandrum.
11. Head of Department of Mechanical, Engineering College,
Trivandrum.
12. Sri P. S. Subramoniam,
Principal, Engineering College, Trichur.
13. Sri George Pettah,
Principal, Maharaja's Technological Institute, Trichur.

APPENDIX IV

Sanctioned Strength, Actual intake etc., of Backward Class, Scheduled Castes and Scheduled Tribes

Name of institution	Sanctioned intake	Actual intake			Total strength			
		Total	Backward Community	Scheduled Castes/ Scheduled Tribes	Total	Backward Community	Scheduled Castes/ Scheduled Tribes	
1	2	3	4	5	6	7	8	
Government Engineering Colleges—								
Trivandrum	B.Sc. ..	197	282	34	7	926	133	16
	M.Sc. ..	64	41	..	..	..	..	..
	P.T. ..	45	45	..	..	..	..	..
Trichur	B.Sc. ..	154	154	57	..	..	..	..
	M.Sc. ..	18	18	..	..	773	250	5
	P.T. ..	45	45	..	..	..	..	..
Total	B.Sc. ..	351	436	91	7	1699	383	21
	M.Sc. ..	82	59	..	..	..	..	..
	P.T. ..	90	90	..	..	..	..	..
Private Engineering Colleges—								
T.K.M., Quilon	..	144	144	59	5	550	245	15
N.S.S.B., Engineering College, Palghat	..	96	96	11	..	365	55	4
M.A. College of Engineering, Kothamangalam	..	96	96	11	..	352	53	3
Total	..	336	336	87	5	1267	353	22
Regional Engineering College—								
Calicut	B.Sc. ..	250	219*	39	6	981	187	16
	M.Sc. ..	30	17	..	..	..	..	..

C.P.T., Trivandrum	..	190	217	71	36	710	141	58
P.T.	..	72	71	..	..	..	..	..
2 year certificate	..	90	90	..	..	..	..	..
Government Polytechnic, Kottayam	..	120	120	41	4	245	84	11
Government Polytechnic, Kalamassery	..	200	200	118	11	660	296	20
P.T.	..	48	48	..	..	..	..	..
M.T.I., Trichur	..	135	135	69	11	423	162	15
P.T.	..	48	48	..	..	..	..	..
Government Polytechnic, Perinthalmanna	..	60	58	39	3	182	96	17
K.G.P.T., Calicut	..	270	270	164	23	657	232	39
P.T.	..	48	47	..	..	..	..	..
Government Polytechnic, Cannanore	..	164	164	106	3	363	246	6
S.R. Polytechnic, Valapad	..	96	96	58	8	226	153	13
Total	..	1265	1246	723	113	3466	1410	179
Do. P. T.	..	216	214	..	..	..	..	..
Institute of Printing Techno- logy, Shoranur	..	30	30	14	1	78	40	4
Private Polytechnics—								
S.N. Kottiyam, Quilon	..	180	180	142	8	429	262	23
N.S.S., Pandalam	..	180	180	106	40	423	143	48
Carmel, Punnapra	..	180	180	68	18	448	168	35
Thiagarajar Polytechnics								
Alagappanagar	..	180	180	63	15	424	173	31
S.S.M., Tirur	..	160	159	92	12	337	238	29
S N. Polytechnic, Kanhangad	..	60	50	27	4	82	39	7
Total	..	940	929	498	97	2143	1023	173
Women's Polytechnics—								
Trivandrum	..	95	97	43	24	250	123	60
Trichur	..	125	125	58	6	311	141	14
Calicut	..	80	80	38	14	186	92	25
Total	..	300	302	139	44	747	356	99

* 94 is for engineering preparatory course.

APPENDIX IV—(cont.)

Name of institution	Sanctioned intake	Actual intake			Total strength		
		Total	Backward Community	Scheduled Castes/ Scheduled Tribes	Total	Backward Community	Scheduled Castes/ Scheduled Tribes
1	2	3	4	5	6	7	8
Junior Technical Schools—							
Attingal ..	60	60	27	13	174	68	25
Nedumangad ..	60	58	38	7	163	109	10
Adoor ..	60	59	11	6	174	47	15
Ezhukone ..	60	60	9	5	173	11	5
Sherthallai ..	60	60	..	7	173	..	16
Krishnapuram ..	60	53	31	5	152	89	15
Pampady ..	60	56	21	3	170	32	23
Palai ..	60	57	21	3	163	56	11
Perumbavoor ..	60	52	17	6	170	54	16
Koratty ..	60	55	7	6	168	28	15
Kodungallur ..	60	54	44	5	153	122	16
Trichur ..	60	53	26	3	165	75	13
Kunnamkulam ..	60	51	21	9	163	75	33
Chittoor ..	60	50	26	7	147	83	26
Shoranur ..	60	60	23	7	152	70	21
Calicut ..	60	54	34	6	170	117	11
Badagara ..	30	29	20	..	85	60	1
Manjeri ..	60	50	21	15	147	90	32
Cannanore ..	60	56	46	3	162	127	8
Cheruvathur ..	60	58	36	2	159	96	12

Mattannur	..	60	55	44	..	149	92	10
Total	..	1230	1140	525	118	3332	1501	334
P.V.T.C.—								
Attingal	..	30	30	18	8	78	45	20
Kodungallur	..	30	25	21	3	75	62	9
Manjeri	..	30	30	17	12	102	53	24
Cannanore	..	15	2	2	..	33	32	1
Total	..	105	87	58	23	288	192	54
Rattan Training Poovar,	..	10	10	1	9	10	1	9
Weaving Centre, Aralummood...	..	15	15	3	10	15	3	10
Composing and Printing, Vattiyookavu	..	30	30	12	3	26	12	3
Book Binding Centre, Manacaud	..	30	25	10	6	25	10	6
Kulathur	..	30	29	21	8	29	21	8
Total	..	60	54	31	14	54	31	14
T.G.M.T. Centres.—								
Pattom	..	60	61	38	23	61	38	23
Thevally	..	20	20	4	2	20	4	2
Kanjukuzhy	..	20	20	2	4	20	2	4
Tripunithura	..	40	40	..	5	40	..	5
Narakkal	..	40	40	3	9	40	3	9
Trichur	..	40	40	15	7	40	15	7
Kalpathy	..	20	20	8	3	20	8	3
Kondotty	..	20	20	5	7	20	5	7
Badagara	..	20	20	12	4	20	12	4
Dharmadam	..	20	20	18	1	20	18	1
Payyannur	..	20	20	7	4	20	7	4
Total	..	320	321	112	69	321	112	69
T.T. Schools and T.T. Centres.—								
Harippad	..	20	20	8	3	20	8	3
Devikulam	..	20	12	2	8	12	2	8
Parassala	..	12	12	9	3	12	9	3
Pachallcor	..	12	12	7	2	12	7	2
Karimkulam	..	12	12	11	1	12	11	1

APPENDIX IV—(cont)

Name of institution	Sanctioned intake	Actual intake			Total strength		
		Total	Backward Community	Schedu. Castes/ Scheduled Tribes	Total	Backward Community	Scheduled Castes/ Scheduled Tribes
1	2	3	4	5	6	7	8
Kanjramkulam ..	12	11	7	3	11	7	3
Kendala ..	12	10	6	2	10	6	2
Chirayinkil ..	16	16	11	..	16	11	..
Chengannur ..	15	15	6	2	15	6	2
Total ..	131	120	67	24	120	67	24
Industrial Schools—							
Wadakkancherry ..	20	20	7	4	40	14	8
Irinjalakkuda ..	20	20	4	10	29	5	16
Total ..	40	40	11	14	69	19	24
Commercial Institute—							
Ernakulam ..	60 for each subject	103	39	18	201	73	27
Manjeri ..	60	60	14	2	60	14	2
Trivandrum ..	60	59	19	6	59	19	6
Diploma in Shorthand and Typewriting, Trivandrum (P.T.) ..	30	30	11	3	36	14	3
College of Fine Arts, Trivandrum ..	30	30	15	2	30	15	2
R.V. School of Fine Arts, Mavelikkara ..	48	48	15	12	75	24	20
School of Fine Arts, Trichur ..	20	20	5	8	48	20	16
Craft Section at C.P.T., Trivandrum ..	36	36	12	15	48	12	15

APPENDIX V

Outturn of students

<i>Name of Institution</i>	<i>No. presented at the examination</i>	<i>No. passed</i>
ENGINEERING COLLEGES:		
Government Engineering College, Trivandrum—		
B.Sc.	197	171
M.Sc.	27	14
Government Engineering College, Trichur—		
B.Sc.	198	89
P.T.	77	44
M.Sc.	18	4
Private—		
T.K.M. College of Engineering, Quilon	109	101
N.S.S. College of Engineering, Palghat	40	14
M.A. College of Engineering, Kothamangalam	61	59
	<hr/> 210	<hr/> 174
Regional Engineering College, Calicut—		
Engineering B.Sc.	185	126
Preparatory	88	83
M.Sc.	15	15
Government Polytechnics:		
Central Polytechnic, Trivandrum	143	74
Government Polytechnic, Kottayam	51	30
Government Polytechnic, Kalamassery	144	71

APPENDIX V—(cont.)

<i>Name of Institution</i>	<i>No. presented at the examination</i>	<i>No. passed</i>
M.T.I., Trichur	74	43
Government Polytechnic, Perinthalmanna	47	24
Kerala Government Polytechnic, Calicut	185	113
Government Polytechnic, Cannanore	85	43
S.R. Polytechnic, Valapad	47	25
Total (8)	776	423
I.P.T., Shoranur	25	11

PRIVATE POLYTECHNICS:

S.N. Polytechnic, Quilon	101	32
N.S.S. Polytechnic, Pandalam	100	62
Carmel Polytechnic, Punnapra	115	66
Thiagarajar Polytechnic, Alagappanagar	105	66
S.S.M. Polytechnic, Tirur	77	43
S.N. Polytechnic, Kanhangad	No first year students	
Total (6)	498	269

WOMEN'S POLYTECHNICS:

Trivandrum	76	36
Trichur	87	42
Calicut	61	21
Total (3)	224	99

APPENDIX V—(cont.)

<i>Name of Institution</i>	<i>No. presented at the examination</i>	<i>No. passed</i>
JUNIOR TECHNICAL SCHOOLS:		
Attingal	40	12
Nedumangad	37	5
Adoor	48	12
Ezhukone	42	39
Shertallai	61	18
Krishnapuram	34	10
Pampady	39	13
Palai	40	14
Perumbavoor	42	34
Koratty	39	28
Kodungallur	34	22
Trichur	44	28
Kunnamkulam	34	13
Chittur	30	7
Shoranur	32	8
Calicut	45	17
Badagara	21	17
Manjeri	25	16
Cannanore	42	31
Cheruvathur	32	21
Mattannur	28	6
Total (21)	789	371
PRE-VOCATIONAL TRAINING CENTRE:		
Attingal	31	30
Kodungallur	17	10
Manjeri	29	13
Cannanore	14	13
Total (4)	91	66
Rattan Training, Poovar	..	..
Weaving Training, Aralumood	14	14
Composing and Printing, Vattiyookavu	24	24

APPENDIX V--(cont)

<i>Name of Institution</i>	<i>No. presented at the examination</i>	<i>No. passed</i>
Book Binding Centre.--		
Manacaud	17	10
Kulathur	29	29
Total	46	39
TAILORING AND GARMENT MAKING TRAINING CENTRE:		
Pattom	41	19
Thevally	20	20
Kanjikuzhy	18	4
Tripunithura	46	24
Narakkal	42	7
Trichur	36	11
Kalpathy	20	7
Kondotty	20	9
Badagara	20	2
Dharmadam	18	15
Payyannur	17	4
Total	298	122
TAILORING TRADE SCHOOLS AND TAILORING TRAINING CENTRE:		
Haripad	20	8
Devikolam	12	9
Parassala	11	11
Pachalloor	6	5
Karimkulam	11	9
Kanjiramkulam	11	2
Kandala	8	

APPENDIX V—(cont.)

<i>Name of Institution</i>	<i>No. presented at the examination</i>	<i>No. passed</i>
Chirayinkil	15	13
Chengannur	11	10
Total	<u>105</u>	<u>67</u>
INDUSTRIAL SCHOOL:		
Wadakkancherry	16	14
Irrinjalakkuda	16	..
Total	<u>32</u>	<u>14</u>
COMMERCIAL INSTITUTION		
Ernakulam	142	Not furnished
Manjeri		Newly started
Trivandrum		Newly started
.. Diploma in Short- hand and Typewriting, Trivandrum (PT)	29	10
College of Fine Arts	No Examination held (Newly started)	
Craft Section at Central	12	12
Polytechnic Trivandrum		
R. V. Shool of Painting, Mavelikkara	40	24
Fine Arts, Trichur	18	14
Total	<u>70</u>	<u>50</u>

APPENDIX VI
Facilities in Library

	<i>No. of books purchased during the year</i>	<i>Amount spent Rs.</i>	<i>Total books in the library</i>
Government Engineering Colleges—			
Trivandrum	12,45	47,100-00	31,115
Trichur	760	19,892-93	16,833
Total	20,05	66,992-93	47,948
Private Engineering Colleges—			
T.K.M., Quilon	188	290-80	14,121
N.S.S., Palghat	238	7,468-23	12,827
M.A., Kothamangalam	365	3,831-56	10,004
Total	791	11,590-59	36,952
Regional Engineering College, Calicut			
	936	1,36,396-52	19,496
P.V.T.C., Attingal			
	..	..	648
Kodungallur	10	24-00	53
Manjeri	..	..	..
Cannanore	..	..	..
Total	10	24-00	701
Government Polytechnics—			
Central Polytechnic, Trivandrum	712	11,192-00	12,072
Govt. Polytechnic, Kottayam	618	8,013-22	4,296
Govt. Polytechnic, Kalamassery	322	14,097-31	6,343
M.T.I., Trichur	525	3,669-60	5,446
Govt. Polytechnic, Perinthalmanna	478	3,000-00	6,187
Kerala Govt. Polytechnic, Calicut	461	7,564-19	6,349

APPENDIX VI—(cont.)

	<i>No. of books purchased during the year</i>	<i>Amount spent Rs.</i>	<i>Total books in the library</i>
Govt. Polytechnic, Cannanore	493	1,632·00	4,484
S.R. Polytechnic, Valapad	536	3,996·54	2,275
Total	4,145	53,164·86	47,452
I.P.T., Shoranur			
	389	7,565·26	1,217
Private Polytechnics—			
S.N. Polytechnic, Kottiyam/Quilon	417	1,726·67	2,426
N.S.S. Polytechnic, Pandalam	156	1,637·78	4,534
Carmel Polytechnic, Punnapra	33	356·80	2,269
Thiagarajar Polytechnic, Alagappanagar	56	723·16	5,137
S.S.M. Polytechnic, Tirur	35	567·65	2,629
S.N. Polytechnic, Kanhangad	187	1,147·35	617
Total	884	6,159·41	17,612
Women's Polytechnics—			
Trivandrum	187	4,120·42	2,311
Trichur	67	1,000·00	1,515
Calicut	121	1,000·00	2,245
Total	375	6,120·42	6,071

APPENDIX VI—(cont.)

	<i>No. of books purchased during the year</i>	<i>Amount spent Rs.</i>	<i>Total No. of books in the library</i>
Food Craft Institute, Kalamassery	111	9,293.98	617
J.T.S. Attingal	42	110.10	715
„ Nedumangad	47	123.40	1,034
„ Adoor	61	257.50	61
„ Ezhukone	..	..	..
„ Sherthallai	15	17.35	682
„ Krishnapuram	..	..	327
„ Pampady	..	..	510
„ Palai	72	235.65	501
„ Perumbavoor	76	300.00	826
„ Koratty	26	143.80	472
„ Kodungallur	59	154.45	445
„ Trichur	21	69.30	534
„ Kunnamkulam	39	..	735
„ Chittoor	22	116.08	513
„ Shoranur	94	447.70	740
„ Calicut	163	585.50	1,005
„ Badagara	21	202.71	635

APPENDIX VI—(cont.)

<i>Name of Institution</i>	<i>No. of books purchased during the year</i>	<i>Amount spent Rs.</i>	<i>Total No. of books in the library</i>
J. T. S., Manjeri	10	21·90	600
„ Cannanore	13	32·15	832
„ Cheruvathur	..	N.A.	
„ Mattannur	13	56·07	989
Total	794	2,873·66	12,156
Commercial Institute, Ernakulam	..	..	1,053
Manjeri	7	152·62	7
Trivandrum	11	170·40	11
Diploma in Shorthand and Typewriting, Trivandrum	..	..	737
Total	18	323·02	1,808
College of Fine Arts, Trivandrum	58	8,000·00	910
R.V.School of Fine Arts, Mavelikkara	..	..	107
School of Fine Arts, Trichur	..	..	..

APPENDIX VII
Hostel Facilities

<i>Name of Institution</i>	<i>No. of seats in the hostel</i>	<i>No. of students admitted</i>	<i>Total No. of inmates in the hostel</i>
(1)	(2)	(3)	(4)
Government Engineering College,			
Trivandrum	378	340	378
Trichur	404	368	368
Total	782	708	746
Private Engineering Colleges			
T.K.M., Quilon	240	190	190
N.S.S., Palghat	250	229	229
M.A., Kothamangalam	270	215	209
Total ..	760	634	628
Regional Engineering College,			
Calicut	1,168	1,051	1,051
Total	1,168	1,051	1,051
Women's Polytechnics,			
Trivandrum ..	33	33	33
Trichur	120	29	72
Calicut	70	44	48
Total	223	106	153
Government Polytechnics—			
Central Polytechnic, Trivandrum	180	116	116
Government Polytechnic, Kottayam	90	32	54
Government Polytechnic, Kalamassery	267	141	172
M.T.I., Trichur	108	75	100

APPENDIX VII—(cont.)

<i>Name of Institution</i>	<i>No. of seats in the hostel</i>	<i>No. of students admitted</i>	<i>Total No. of inmates in the hostel</i>
(1)	(2)	(3)	(4)
Government Polytechnic, Perinthalmanna	180	62	60
Kerala Government Polytechnic, Calicut	280	253	258
Government Polytechnic, Cannanore	180	65	74
S.R. Polytechnic, Valapad		No hostel	
Total	1,285	744	834
I.P.T., Shoranur		No hostel	
Private Polytechnics—			
S.N. Polytechnic, Quilon	100	74	74
N.S.S., Pandalam	104	88	88
Carmel, Punnappra	150	63	136
Thiagarajar Polytechnic, Alagappanagar	270	109	109
S.S.M., Tirur	165	77	165
S.N. Polytechnic, Kanhagad	45	45	45
Total	834	456	617

APPENDIX VIII
Scholarship and Stipends

Sl. No.	Name of Institution	Nature of scholarship	No. of students	Amount	Nature of stipend	No. of students	Amount
				Rs.			Rs.
1	2	3	4	5	6	7	8
1	Engineering College, Trivandrum	National scholarship	87	91,353 20	(1) All kinds of fees and stipend at the rate of Rs. 50 and Rs. 30 as the case may be in respect of hostellers and day scholar up to the last day of examination (2) Financial assistance other than Scholarship and stipend	222	1,23,138-75
		National Merit Scholarship	17	20,200 00			
		National Loan Scholarship	49	44,570-00			
2	Engineering College, Trichur	National Loan Scholarship	19	18,430-00	(1) Full fee concession (Scheduled Caste) L.S.G. Rs. 300 actual mess charge and pocket money Rs. 10 (Other Eligible Community) Educational concession under K.P.C.R. to S.E.B.C. and F.C.	5 } 2 251 258	2,53,400-85
		National Merit Scholarship	41	49,200 00			
		University Merit Scholarship	13	7,800 00			
		Sports Scholarship	1	300-00			
3	T. K. M. College of Engineering, Quilon	National Merit Scholarship	15	15,000-00	(1) Stipend from Harijan Welfare Department to day scholars and hostellers (2) Poor Students Aid Fund	206	60,820-89
		National Loan Scholarship	19	18,090-00			
		Merit Scholarship of the children of teachers	2	2,925-00			

		National Foundation for Teachers' Welfare Scholarship	22	8,800-00			
		University Merit Scholarship	1	600-00			
		H.H. The Maharaja's Scholarship	..	720-00			
4	N.S.S. College of Engineering, Palghat	National Scholarship	7	7,200-00	Stipend from Harijan Welfare Department		
		Merit Scholarship to the Children of School Teachers	1	1,200-00	S.C. B.C, S.T., O.E.C., F.C.	55 34	68,222-32
		National Loan Scholarship	13	12,610-00			
		University Merit Scholarship	9	5,400-00			
5	Mar Athanasius College of Engineering, Kothamangalam	National Loan Scholarship	21	20,370 00	(1) Stipend paid by the Department of Harijan Welfare	116	1,06,551-00
		National Merit Scholarship	15	18,000 00			
6	Regional Engineering College, Calicut	National Merit Scholarship	26	34,320 00	(1) Stipend paid by the Department of Harijan Welfare	85	75,154-51
		National Merit scholarship to children of school teachers	4	5,280-00			
		National loan scholarship	15	4,850-00			
		Merit-cum-means scholarship	270	2,43,090-00			
		Merit scholarship	14	1,400 00			
		Calicut University merit scholarship	4	2,400-00			
1	Central Polytechnic, Trivandrum	National loan scholarship	3	2,160-00	(1) Stipend under Kumara Pillai Commission	165	99,475-82
					Monthly stipend and mess charges to Scheduled Caste Scheduled Tribe students	58	87,718 09

APPENDIX VIII—(cont.)

Sl. No.	Name of Institution	Nature of scholarship	No of students	Amount	Nature of stipend	No. of students	Amount
				Rs.			Rs.
1	2	3	4	5	6	7	8
2	Sree Narayana Polytechnic, Kottiyam, Quilon	National Loan Scholarship	2	1,440 00	Harijan Welfare Stipend Kumara Pillai Commission Report	23 262	1,75,145.15
3	Swamy Nithyananda Polytechnic, Kanhangad	..	..	..	Stipend Day Scholar Hosteller SC/ST	25 20 7	4,285 22 4,576.94 7,650.68
4	Government Polytechnic, Kalamassery	Physically handicaped scholarship	1	800.00	Harijan Welfare Stipend, SC/ST	21	12,196.70
5	Carmel Polytechnic, Punnappra	National Loan Scholarship	2	1,440.00	O. E. C. students	5	2,078.02
		National Scholarship	1	1,200 00	Kumara Pillai Commission	293	34,681.81
		Technology Scholarship	2	150 00			
		Scholarship for dependents of Political Sufferers	1	180 00			
5	Carmel Polytechnic, Punnappra	National Loan Sucholarship	1	720 00	Harijan Welfare Department Stupend	168	1,18,640 00
		Government of India Scholarship	35	62,540 00			
6	Government Polytechnic, Perinthalmanna	National Loan Scholarship	1	600.00	Stipend to SC/ST OEC students	17 2	19,746.62 2,283 36
		Temple entry, proclamation	1	50 00	S.E.B.C, F. C.,	98	52,998.89

7	Government Polytechnic, Cannanore	-	..	..	Lumsum grant stipend SC/ST	6	5,656-00
8	Thiagarajar Polytechnic, Alagappanagar	..	..	..	Kumara Pillai Commission	246	50,500 00
					SC	29	42,614.47
					OEC	2	..
					Hostellers	26	..
					Day scholars	5	..
9	Seethi Sahib Memorial Polytechnic, Tirur	National Scholarship	2	2,400-00	Kumara Pillai Commission	200	91,916.43
					Kumara Pillai Commission	202	95,069.75
					SC	35	15,175.62
					OEC	7	9,302.72
10	Maharaja's Technological Institute, Trichur	Government of India Scholarship to Physically handicapped	1	600-00	Stipend to SC/ST	17	24,505-00
					Kumara Pillai Commission	104	57,800 00
11	Government Polytechnic, Kottayam	National Loan Scholarship	1	720-00	Stipend SC/ST	11	12,054.53
					SEBC	70	23,371.17
					SE / FC	18	3,656-00
					Stipend BC	50	50,000 00
12	N.S.S Polytechnic, Pandalam	National Loan Scholarship	2	1,440 00	SEC	120	..
		Cardamom Board	1	179.75	FC	21	..
13	Sree Rama Polytechnic, Valapad	Proficiency scholarship for sports	1	300-00	SEBC	153	29,675.43
					FC	8	1,537.08
					Stipend SC/ST	13	10,927.11
14	Kerala Government Polytechnic, Calicut	..	..	..	SC/ST	39	61,450 00
					OEC	19	21,965 00
					SEBC	240	1,22,225-00
					F. C.	25	13,020-00
15	Institute of Printing Technology, Shoranur	..	..	..	Stipend SC/ST	2	2,039.85
					OEC	2	2,332.35
					SEBC	34	16,624.25
	WOMEN'S POLYTECHNICS						
	Women's Polytechnic, Trivandrum	Merit-cum-means Scholarship	15	5,904.20	KPCR	70	14,000 00
					SC & ST	24	18,000 00
					OEC	4	3,000 00

APPENDIX VIII—(cont.)

Sl. No.	Name of Institution	Nature of scholarship	No. of students	Amount	Nature of stipend	No. of students	Amount
				Rs.			Rs.
1	2	3	4	5	6	7	8
	WOMEN'S POLY— TECHNIC—(cont.)						
2	Women's Polytechnic, Trichur	Merit-cum-means Scholarship	14	5,967-85	K.P.C.R. Scheduled Caste and Scheduled Tribe	125	34,804-67
3	Women's Polytechnic Calicut	Physically handicapped Scholarship	1	900-00	Other Eligible Community Scheduled Caste and Scheduled Tribe	1	2,597-78
		Merit-cum-means Scholarship	18	7,200-00	K.P.C.R.	31	31,385-93
	FINE ARTS INSTITUTIONS						
1	College of Fine Arts			No	Scholarship has been sanctioned—Proposals are pending		
2	Institute of Fine Arts, Trichur	Physically handicapped Scholarship	1	600 00	Harijan Welfare Stipend Scheduled Caste/Scheduled Tribe	16	7,821-92
		State Government Scholarship	8	1,600 00			
3	Ravi Varma School of Fine Arts, Mavelikkara	Physically handicapped	5	4,225-00	Harijan Welfare Stipend Scheduled Caste/Scheduled Tribe	20	9,291-10
		Merit-cum-means Scholarship	15	2,283-15			
4	School of Crafts, Trivandrum	State Government Scholarship	12	3,413-45	Harijan Welfare Stipend	25	9,802-70
5	Food Craft Institute, Kalamassery	Merit-cum-means Scholarship	1	90-00	Stipend and full fee concession	39	21,993-41

JUNIOR TECHNICAL SCHOOLS							
1	Junior Technical School, Attingal	Merit-cum-means Scholarship	15	2,726-85	Stipend Scheduled Caste/Scheduled Tribe	25	13,775-35
2	Junior Technical School, Ezhukone	Merit-cum-means Scholarship	14	5,167-50	do.	18	10,800-00
3	Junior Technical School, Koratty	Merit-cum-means Scholarship	16	3,189-60	do.	12	7,176-00
4	Junior Technical School, Shertallai	Merit-cum-means Scholarships	17	3,388-45	do.	16	3,982-60
5	Junior Technical School, Neduman-gad	Merit-cum-means Scholarship	14	2,656-25	do.	21	12,294 45
6	Junior Technical School, Pampady	Non-repayable Scholarship	10	1,516-10	do.	23	13,388-60
7	Junior Technical School, Perumbavoot	Non-repayable Scholarship	17	3,330 63	do.	10	5,810 26
8	Junior Technical School, Kodun-gallur	Non-repayable Scholarship	13	2,555-65	do.	15	8,876-50
		National Scholarship	1	150 00			
9	Junior Technical School, Badagara	Non-repayable Merit-cum-means Scholarship	8	1,600 00	Harijan Welfare Stipend Scheduled Caste/Scheduled Tribe	7	4,140 00
10	Junior Technical School, Krishna-puram	Merit-cum-means Scholarship	8	2,581-25	do.	11	6,071-00
11	Junior Technical School, Trichur	Non-repayable Scholarship	16	3,188-90	do.	10	5,668-70
12	Junior Technical School, Adoor	Merit-cum-means Scholarship	13	2,272-40	do.	16	8,896-65
13	Junior Technical School, Cheruvathur	Scholarship	3	596-00	do.	16	3,230 05
14	Junior Technical School, Mattannur	Merit-cum-means Scholarship	13	2,440-65	do.	9	4,969 95
15	Junior Technical School, Palai	Merit-cum-means Scholarship	11	2,192 85	do.	18	10,764-00

APPENDIX VIII—(cont.)

Sl. No.	Name of Institution	Nature of scholarship	No. of students	Amount	Nature of stipend	No. of students	Amount	
				Rs.			Rs.	
1	2	3	4	5	6	7	8	
	JUNIOR TECHNICAL SCHOOLS—(cont.)							
16	Junior Technical School, Cannanore	Merit-cum-means Scholarship	16	2,713.40	Harijan Welfare Stipend to Scheduled Caste/Scheduled Tribe	3	2,322.25	
17	Junior Technical School, Manjeri	Merit-cum-means Scholarship	3	600.00		do.	10	5,668.70
		National Merit Scholarship	1	150.00		do.	32	18,764.00
18	Junior Technical School, Shoranur	Merit-cum-means Scholarship	11	2,192.63	do.	20	11,870.50	
19	Junior Technical School, Kunnamkulam	Non-repayable Scholarship	7	1,375.45	do.	25	14,896.77	
20	Junior Technical School, Calicut	Non-repayable Scholarship	15	2,950.00	do.	14	8,400.00	
21	Junior Technical School, Chittoor	Non-repayable Scholarship	7	1,350.25	do.	20	11,538.00	

APPENDIX VIII—(cont.)

<i>Sl. No.</i>	<i>Name of institution</i>	<i>No. of students</i>	<i>Stipend amount Rs.</i>
(1)	(2)	(3)	(4)
PRE-VOCATIONAL TRAINING CENTRES :			
1.	Pre-vocational Training Centre, Attingal	.. 16	8,110.05
2.	„ „ Kodungallur	.. 84	11,805.05
3.	„ „ Manjeri	.. 23	13,690.00
4.	„ „ Cannanore	.. 1	598.00
T.G.M.T. CENTRES, GOVERNMENT INDUSTRIAL SCHOOLS, ETC.			
1.	T.G.M.T. Centre, Pattom	.. 23	16,560.00
2.	„ „ Thevally	.. 2	1,440.00
3.	„ „ Kanjikuzhy	.. 4	2,880.00
4.	„ „ Tripunithura	.. 5	3,600.00
5.	„ „ Narakkal	.. 12	7,728.25
6.	„ „ Trichur	.. 7	4,620.00
8.	„ „ Kalpathy	.. 3	1,671.44
8.	„ „ Kondotty	.. 7	4,200.00
9.	„ „ Badagara	.. 4	2,880.00
10.	„ „ Dharmadam	.. 2	948.40
11.	„ „ Payyannur	.. 4	1,687.35
12.	T.T. School, Haripad	.. 3	1,980.00
13.	„ „ Devikolam	.. 8	5,157.15
14.	Weaving Training Centre, Aralummood	.. 10	6,003.49
15.	Composing and Printing Centre, Vattiyoorkavu	.. 2	1,440.00
16.	Ratton Training Centre, Poovar	.. ..
17.	T.T. Centre, Parassala	.. 2	1,172.00
18.	„ „ Pachalloor	.. 2	1,440.00

APPENDIX VIII—(cont.)

<i>Sl. No.</i>	<i>Name of institution</i>	<i>No. of students</i>	<i>Stipend amount Rs.</i>
(1)	(2)	(3)	(4)
19.	T.T. Centre, Karimkulam	.. 1	640.65
20.	„ Kanjiramkulam	.. 3	1,916.13
21.	„ Kandala	.. 2	884.20
22.	„ Chirayinkil	.. ..	..
23.	„ Chengannur	.. 2	1,282.65
24.	Government Industrial School, Irinjalakuda	.. 20	7,718.70
25.	„ Wadakkancherry	.. 8	4,554.19
26.	Book Binding Centre, Manacad	.. 6	4,178.00
27.	„ Kulathur	.. 8	4,232.87

COMMERCIAL INSTITUTE :

1.	Government Commercial Institute, Ernakulam	.. 3	648.30
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APPENDIX IX
Receipts and expenditure

Sl. No.	Name of institution	Receipts		Expenditure	
		Institution Rs.	Hostel Rs.	Institution Rs.	Hostel Rs.
1	2	3	4	5	6
1	College of Engineering, Trivandrum	3,41,400 45	52,500-00	49,30,499 00	1,20,705-88
2	Engineering College, Trichur	3,8,918 00	..	31,70,960 00	2,23,275-00
3	T.K.M. Engineering College, Quilon	11,72,731-00	52,785-00	11,72,731-00	54,186-00
4	M.A. College of Engineering, Kothamangalam	15,20,562-00	..	14,84,591-00	..
5	N.S.S. College of Engineering, Palghat	17,88,929-71	7,08,009 16	18,27,356-96	7,10,589 97
6	Regional Engineering College, Calicut	44,45,349-03	1,00,102-50	46,33,325 88	1,00,102-50
POLYTECHNICS					
1	Central Polytechnic, Trivandrum	2,06,531-53	13,802-93	12,02,187-40	68,000 00
2	Government Polytechnic, Kottayam	62,232-19*	..	6,90,379 98*	Including hostel
3	Government Polytechnic, Kalamassery	1,89,700 00	18,198 00	9,78,000 00	..
4	M.T.I., Trichur	1,05,005-00	14,485-00	8,47,403 63	..
5	Sree Rama Polytechnic, Valapad	55,209-85	No hostel	4,64,395 00	No hostel
6	Government Polytechnic, Perinthalmanna	67,073-24	7,360 50	5,12,551-56	..
7	Kerala Government Polytechnic, Calicut	1,95,389 63	15,968 30	11,39,983-65	Including hostel
8	Government Polytechnic, Cannanore	1,05,022 00	79,690 00	7,12,000 00	73,670-00
9	Institute of Printing Technology, Shoranur	20,800 00	No hostel	1,94,301-41	No hostel
10	S.N. Polytechnic, Quilon	6,67,941-88	1,08,129-87	7,56,404 89	62,069-16
11	N.S.S. Polytechnic, Pandalam	10,13,520-76	98,618-61	10,14,394-87	1,04,622-78
12	Carmel Polytechnic, Punnapra	6,97,166 49	24,66,000 00	7,12,549-88	24,66,000 00
13	Thiagarajar Polytechnic, Alagappanagar	7,80,502-93	27,014-47	8,09,335-24	19,132-91
14	S.S.M. Polytechnic, Tirur	1,15,269-56	2,60,106-22	2,13,606 08	2,51,142-20
15	S.N. Polytechnic, Kanhangad	3,22,026-24	44,851-14	5,24,119 72	44,153-02

APPENDIX IX—(cont.)

Sl. No.	Name of institution	Receipts		Expenditure	
		Institution Rs.	Hostel Rs.	Institution Rs.	Hostel Rs.
1	2	3	4	5	6
WOMEN'S POLYTECHNICS					
1	Women's Polytechnic, Trivandrum	4,18,090 25	..	4,17,913-02	1,01,427-43
2	Do. Trichur	3,525-61	10,796-80	2,83,849 77	58,354-47
3	Do. Calicut	3,116 88	8,082-75	2,15,699 65	Including hostel
JUNIOR TECHNICAL SCHOOLS					
1	J.T.S., Attungal	711-75	..	2,47,843-34	No hostel in J. T. Schools
		1,979 55	..	2,41,478-75	..
2	Do. Nedumangad	1,563-20	..	2,51,477-63	..
3	Do. Adoor	500 00	..	2,19,536 00	..
4	Do. Ezhukone	598-20	..	2,98,994-60	..
5	Do. Shertallai	4,378 47	..	2,45,576-46	..
6	Do. Krishnapuram	1,183-00	..	2,33,229-74	..
7	Do. Pampady	2,604 60	..	2,14,284-20	..
8	Do. Palai	1,632 43	..	2,06,062-41	..
9	Do. Perumbavoor	2,883 93	..	2,14,021-98	..
10	Do. Koratty	2,922-76	..	2,31,242-87	..
11	Do. Kodungallur	902 92	..	2,28,354-00	..
12	Do. Trichur	4,771-59	..	2,45,668 71	..
13	Do. Kunnankulam	609-40	..	2,24,410 79	..
14	Do. Chittur	1,618 05	..	2,23,782-28	..
15	Do. Shoranur	No separate receipts. Combined receipts given with the Polytechnic, Calicut		1,91,384-38	..
16	Do. Calicut			..	..
17	Do. Badagara	1,386 65	..	2,08,625 77	..
18	Do. Manjeri	1,211-94	..	2,28,593-88	..
19	Do. Cannanore	1,272-42	..	1,75,137 58	..
20	Do. Cheruvathur	1,449 00	..	2,06,225-20	..
21	Do. Mattannur	2,960 58	..	2,24,135 21	..

APPENDIX IX—(cont.)

	<i>Receipts</i> Rs.	<i>Expenditure</i> Rs.
1. R. V. School of Fine Arts, Mavelikkara ..	106.02	80,712.39
2. Institute of Fine Arts, Trichur ..	..	43,743.42
3. College of Fine Arts, Kerala ..	7,236.00	83,750.00
4. Pottery Unit at School of Arts, Trivandrum ..	11,405.75	2,75,293.00
<i>Pre-vocational Training Centre</i>		
1. Attingal ..	..	65,474.76
2. Kodungallur ..	147.10	50,135.16
3. Manjeri ..	..	65,599.03
4. Cannanore ..	..	30,607.75
<i>Commercial Institutions</i>		
1. Government Commercial Insti- tute, Trivandrum ..	2,207.25	7,764.06
2. Diploma Course in Shorthand and Typewriting and Part- time course, Trivandrum ..	1,961.50	26,530.41
3. Government Commercial Institute, Ernakulam ..	12,560.75	59,502.31
4. Government Commercial Institute, Manjeri ..	841.25	5,285.92

APPENDIX X

List of persons sent for training in 1975-76 (Institution-wise)—(Up to 31st March 1976)

Sl. No.	Name of person	Designation	Name of Institution	Type of training	Period of Training		Remarks
					From	To	
1	2	3	4	5	6	7	8
	ENGINEERING COLLEGE, TRIVANDRUM						
1	Professor M. P. Nair	Professor (Telecommu- nication)	Indian Institute of Science, Bangalore	Higher Studies Ph.D.	..	..
2	Smt. K. Gomathy	Assistant Professor in Electrical Engineering	I.I.T, Kanpur	..	..	..
3	Sri K. N. Pavithran	Lecturer	Indian Institute of Science, Bangalore	..	..	..
4	.. G. Krishnan	..	..	..	..	..
	ENGINEERING COLLEGE, TRICHUR						
1	Sri K. Sankaran	Assistant Professor	I.I.T., Madras	Ph.D.	..	..
2	.. V. O. George	Lecturer	..	M. Tech.	..	..
3	.. R. P. Rajagopalan Nair	..	Indian Institute of Science, Bangalore	M. Tech.	..	..
4	.. K. Neelakantan	Assistant Professor	I I.T., Kanpur	Ph. D.	..	..
5	.. M. A. Muligar	Lecturer	University of Roorkee	M. Tech.	..	..
6	.. U K. Skaria	Skilled Assistant	Central Training Institute, Hyderabad	Training	..	..
7	.. K. K. Xavier	..	C.T.C., Hyderabad	Traning	..	..
	N. S. S. ENGINEERING COLLEGE, PALGHAT						
1	Sri M. Jayaraman	Lecturer in Mechanical Engineering	U.S A.	..	..	..
2	.. K. Viswanathan	Assistant Professor, Mechanical	Indian Institute of Science, Bangalore	Short Term Course	2-2-1976	14-2-1976	

3	„ O. M. Neelakantan	Professor (Electrical Engineering)	„	Intensive Course	25-5-1975	7-6-1975
4	„ Vijayan Warriar	Lecturer (Civil)	University of Bangalore	Summer School	11-5-1975	9-6-1975
5	„ T. Divakaran	„	Regional Engineering College, Calicut	„	23-5-1975	19-6-1975
6	„ C. Somasekharan	Professor (Civil)	I.I.T., Madras	Winter School	1-12-1975	24-12-1975
7	„ K. J. Joseph	Lecturer (Civil)	Engineering College, Guindy	„	24-11-1975	6-12-1975
8	„ K. Rajasekharan	„	I.I.Sc., Bangalore	Regional Conference	9-12-1975	22-12-1975
9	„ R. Govinda Menon	Principal	I.I.T., Madras	Programme on Engineering Education	28-2-1276	29-2-1976
10	„ K. Prabhakaran	Assistant Professor (Mechanical)	Indian Institute of Science, Bangalore	Summer School	10-6-1975	28-6-1975
11	„ V. Balakrishna Panicker	Professor (Mechanical)	I.I.T., Madras	Winter School	8-12-1975	24-12-1975
12	„ P. T. Rajan Nambiar	Lecturer (Mechanical)	„	Short Term Course	8-12-1975	20-12-1975
13	„ K. Ramachandran Pillai	Assistant Professor (Electrical)	University of Roorkee	Summer School	16-6-1975	5-7-1975
14	„ M. Madhan	Lecturer	I.I.T., Madras	Winter School	1-12-1975	13-12-1975
MAR ATHANASIOS COLLEGE OF ENGINEERING, KOTHAMANGALAM						
1	Sri U. Lazar John	Assistant Professor. (Civil)	I.I.T., Kanpur	Ph.D.	..	..
2	„ Pailo Paul	Assistant Professor (Electrical)	I.I.T., Madras	Ph.D.	..	..
3	„ P. M. George	Lecturer (Mechanical)	„	M.Tech.	..	..
4	„ A. C. Mathaj	Lecturer (Electrical)	„	M.Tech.	..	..
5	„ P. S. Janhanlal	Lecturer (Electrical)	„	Ph.D.	..	..
REGIONAL ENGINEERING COLLEGE, CALICUT						
1	Dr. A. K. R. Unni	Professor (Chemistry)	I.I.T., Kanpur	Summer School	23-6-1975	18-7-1975

APPENDIX X—(cont.)

Sl. No.	Name of person	Designation	Name of Institution	Type of training	Period of training		Remarks
					From	To	
1	2	3	4	5	6	7	8
	REGIONAL ENGINEERING COLLEGE, CALICUT—(cont.)						
2	Dr. M. T. Rama Rao	Assistant Professor (Physics)	Bhabha Atomic Research Centre Bombay	Refresher Course	6-5-1976	(for 6 months)	
3	P. M. Jussay	Assistant Professor (Humanities)		Short term course	2-5-1975	2-5-1975	
4	P. S. Mony	Assistant Professor (Civil)	Kurukshetra (Delhi) Kanpur	Summer School Q.I.P.	9-5-1975	8-6-1975	
5	Dr. K. Subramonia Iyer	Professor (Civil)		Short term course	24-11-1975	12-12-1975	
6	D. V. C. Nair	Assistant Professor (Mathematic)	Roorkee	Summer Institute	18-3-1976	20-3-1976	
7	P. M. Abdul Majced	Assistant Professor (Mechanical)	Delhi	Simposium	9-6-1975	5-7-1975	
8	P. K. Charlu	Professor (Electrical)	Indian Institute of Science, Bangalore	Winter School	24-11-1975	6-12-1975	
9	Dr. Y.V.N. Rao	Professor (Mechanical)	Madras	Computer Work	20-11-1975	30-11-1975	
10	Dr. S. Thiruvankadom	Assistant Professor (Electrical)	Indian Institute of Science, Bangalore	Q.I.P., Short term course	29-2-1976	3-3-1976	
11	Sri P. Kunhammed	Lecturer, Mechanical Engineering	I.I.T., Bombay	Summer School	5-5-1975	30-5-1975	
12	„ P. V. Ramachandran	Lecturer in Mechanical Engineering	„	„	5-5-1975	30-5-1975	
13	„ N. Prabhakaran	Lecturer in Electrical Engineering	I.I.T., Kharagpur	„	5-5-1975	31-5-1975	
14	„ C. S. Mohan	Lecturer in Civil Engineering	I.I.T., Bombay	„	5-5-1975	31-5-1975	

15	„ M. R. Madhavan Nambiar	„	„	„	12-5-1975	7-6-1975
16	„ E. I. Sulaiman	Lecturer (Mathematics)	Roorkey	Short term course	9-6-1975	5-7-1975
17	„ Y. Venkitaramany	Lecturer (Electrical Engineering)	I.I.T., Bombay	„	13-5-1975	31-5-1975
18	„ K. P. Muhammed	Lecturer (Mechanical Engineering)	I.I.T., Delhi	Summer School	26-5-1975	21-6-1975
19	„ B. N. Nagaraj	Lecturer in Civil Engineering	Roorkey	Winter School	6-12-1975	27-12-1975
20	„ K. Pushphangadan	Lecturer in Mechanical Engineering	I.I.T., Madras	„	8-12-1975	20-12-1975
21	„ P. V. Ramachandran	„	„	„	8-12-1975	20-12-1975
22	„ S. V. Ramachandran	Lecturer in Civil Engineering	„	„	1-12-1975	24-12-1975
23	„ K. P. Sam	Lecturer in Mechanical Engineering	„	Short term course	1-12-1975	24-12-1975
24	„ A. Balasubramoniam	„	I.I.T., Delhi	„	1-12-1975	20-12-1975
25	„ P. V. Ramachandran	„	„	„	1-12-1975	20-12-1975
26	„ K. P. Muhammed	„	„	Winter School	8-12-1975	20-12-1975
27	„ P. V. Ramachandran	„	Indian Institute of Science, Bangalore	Short term course	2-2-1976	14-2-1976
28	„ R. S. Chandrasekhara Nadar	Lecturer in Civil Engineering	„	„	8-3-1976	20-3-1976
29	„ S. Palani Raj	„	„	„	8-3-1976	20-3-1976
	POLYTECHNICS-CENTRAL POLYTECHNIC					
1	Sri A. Abdul Karim	Workshop Instructor	Madras	Technical Teachers Training Institute	6-1-1976	..
	GOVERNMENT POLYTECHNIC, KOTTAYAM					
1	Sri M. G. Sreenivasa Panicker	Workshop Instructor (Electrical)	Central Training Institute, Hyderabad	..	..	..
	GOVERNMENT POLYTECHNIC, KALAMASSERY					
1	Smt. B. Radhamony	Demonstrator in Chemical Technology	F.A.C.T. Mandal	Udyogamandal	Short term Training	1-11-1975 31-1-1976

APPENDIX X—(cont.)

Sl. No.	Name of person	Designation	Name of Institution	Type of Training	Period of Training		Remarks
					From	To	
1	2	3	4	5	6	7	8
	GOVERNMENT POLYTECHNIC KALAMASSERY—(cont.)						
2	Sri M. Mathew Ninan	Assistant Lecturer in Mechanical Engineering	H.M.T., Kalamassery	Q.I.P.	17-11-1975	16-2-1976	
3	,, S. Salim	Assistant Lecturer in Electrical Engineering	T.T.T.I., Madras	B. Tech. Education	..	..
	SREE RAMA POLYTECHNIC, VALAPAD						
1	Sri Varghese Mathai	Assistant Lecturer in Mechanical Engineering	Course on Workshop	T.T.T.I.	15-9-1975	26-9-1975	
2	,, N. K. Sivaraman	Demonstrator in Electrical Engineering	..	..	15-9-1975	26-9-1975	
3	,, K. P. Rajan	Demonstrator in Mechanical Engineering	Kamptee	N.C.C. Pre-commission Training	28-4-1975	26-7-1975	
	GOVERNMENT POLYTECHNIC PERINTHALMANNA						
1	Sri C. K. Padmanabhan	Head of Electrical Engineering	Central Polytechnic, Trivandrum	Short term course	15-9-1975	26-9-1975	
2	,, M. G. Yadoothaman	Workshop Superintendent	Steel Complex, Calicut	..	19-9-1975	9-12-1975	
3	,, K. Padmanabha Kurup	Head of Mechanical Engineering	T.T.T.I., Madras	Q.I.P. Short term course	16-2-1976	20-2-1976	
4	,, K. Krishnan	Skilled Assistant	Engineering College, Trichur	Short term course	1-3-1976	6-3-1976	
5	,, P. D. Jose	Workshop Instructor	..	..	1-3-1976	6-3-1976	

KERALA GOVERNMENT POLYTECHNIC, CALICUT						
1	Sri A. A. Poulose	Demonstrator in Civil Engineering	Technical Teachers Training Institute, Madras	T.T.T.I. Diploma	6-1-1975	30-4-1975
2	„ C. P. Kunhikrishnan Nair	Demonstrator in Mechanical Engineering	„	„	6-1-1975	30-4-1975
3	„ M. S. Joseph	Assistant Lecturer, Mechanical Engineering	Motilal Nehru Regional Engineering College, Allahabad	12 weeks	..	..
4	Smt. Annamma George	Demonstrator in Chemical Engineering	Kerala Soaps and Oils, Calicut	Short term course	1-11-1975	2-1-1976
5	Sri R. Soman Nair	Lecturer in Civil Engineering	Cochin Port Trust	„	24-1-1976	21-2-1976
6	„ E. Narayana Iyer	Head of Civil Engineering Department	Technical Teachers Training Institute, Madras	Programme of the Extension Centre	1-1-1976	31-3-1976
7	„ R. Balakrishnan Naik	Lecturer, Electrical Engineering	„	„	10-3-1976	26-3-1976
8	„ E. Narayana Iyer	Head of Civil Engineering section	Central Polytechnic, Trivandrum	Short term course	15-9-1975	26-9-1975
9	„ K. Veeraraghavan	Assistant Lecturer, Chemical Engineering	Technical Teachers Training Institute, Madras	Modern Educational Practice	4-11-1975	14-11-1975
GOVERNMENT POLYTECHNIC, CANNANORE						
1	Sri A. Haridas	Assistant Lecturer, Mechanical Engineering	Western India Plywoods, Baliapattanam	Short term training	..	..
2	„ E. Rajan	}	Technical Teachers Training Institute, Madras	..	..	..
3	„ P. A. Moosa					
4	„ T. V. Chandramohan					
S. N. POLYTECHNIC, KETTIVAM						
1	Sri K. Sivaprasad	Assistant Lecturer, Civil	T.T.T.I., Madras	T.T.T.I. Diploma	..	..
2	Smt. P. Ambika	Demonstrator, Civil	..	..	..	..

APPENDIX X—(cont.)

Sl. No.	Name of person	Designation	Name of Institution	Type of training	Period of training		Remarks
					From	To	
1	2	3	4	5	6	7	8
	N.S.S. POLYTECHNIC, PANDALAM						
1	Sri K.G. Ravindranathan Nair	Assistant Lecturer	Technical Teachers Training Institute	T.T.T.I. Diploma	..	..
2	" T. E. Divakaran Nair	"	"	"	..	..
3	" M.K. Ramachandra Kurup	"	"	"	..	..
4	" K. N. Raman Pillai	Demonstrator, Civil	"	"	..	..
5	" N. Purushothaman Nair	Demonstrator, Electrical	"	"	..	..
6	" Viswanathan Nair	Skilled Assistant	Central Training Institute	..	..	..
7	" Kuruvilla George	Workshop Instructor	N.A.	Short term training in industry	..	..
	CARMEL POLYTECHNIC, ALLEPPEY						
1	Sri Paul J. Perumally	..	Purandhar	N.C.C. Training	..	..
	THIAGARAJAR POLYTECHNIC, ALAGAPPANAGAR						
1	Sri I. S. Vivekanandan	Lecturer in Civil Engineering	Government Polytechnic, Coimbatore	Short term course	25-8-1975	12-9-1975	
2	" T. Peethambaran	Assistant Lecturer, Mechanical Engineering	Central Polytechnic, Trivandrum	"	15-9-1975	26-9-1975	
3	" R. Ananthanarayanan	Assistant Lecturer, Mechanical Engineering	Engineering College, Trichur	"	1-3-1976	6-3-1976	
4	" M. A. Rappai	Workshop Instructor	"	"	1-3-1976	6-3-1976	
5	" P. Velayudhan	Workshop Instructor	C.I.T., Hyderabad	Training at Central Training Institute	5-8-1975	..	

S.S M. POLYTECHNIC, TIRUR						
1	Sri P. P. Mohammed- kasim	Demonstrator in Civil Engineering	Technical Teachers Training Institute Rajkhot	Training	..	..
2	„ R. Gopalakrishnan Nair	Head of Electronics		Television Engineering	12-5-1975	7-6-1975
3	„ K. Ahammed	Assistant Lecturer, Electrical Engineering	Government Polytechnic, Ajmeru	Electrical Instrumentation	19-5-1975	15-6-1975
4	„ T. Sreedharan	Workshop Instructor	„	„	19-5-1975	15-6-1975
5	„ N. V. Abdual Rahman	Lecturer (Electronics)	Pollachi	Industrial Electronics	13-5-1975	31-5-1975
6	„ A. M. Kunhi- moideenkutty	Lecturer, Science	T.T.T.I., Chandigarh	Appo. Physics Lab. Organisation	5-5-1975	31-5-1975
7	„ M. Madhavan Nair	Instructor-Mechanical	Visakhapatnam	Welding Technology	2-6-1975	28-6-1975
8	„ C G. Jayaram	„	T.T.T.I., „	„	2-6-1975	28-6-1975
9	„ K. Rajan	Demenstrator/ Mechanical	T.T.T.I., Madras	Preparation of teaching aids	4-6-1975	2-7-1975
10	„ C. M. Govindan Nambisan	Assistant Lecturer, Science	„	Production Workshop	May 1975	June 1975
11	„ K. Mustafa	Head of Civil Engine- ering Section	Mysore	Pre-stressed concrete	May 1975	June 1975
12	„ P. S. Slahuddin	Lecturer, Civil Engineering	„	„	May 1975	June 1975
13	„ T. R. Kaliana- krish-an	Instructor, Electronics	Mathura	Radio Servicing and Repair	8-7-1975	12-7-1975
14	„ N. V. Abdulrahman	Lecturer, Electronics	T.T.T.I., Madras	Education Televis- ion programming utilisation	16-2-1976	5-3-1976
15	„ K. Abdulla	Principal	T.T.T.I., Madras	Personal Administration	20-1-1976	16-2-1976
16	„ M. Muhammedkutty	Workshop Instructor	Engineering College, Trichur	Modern Techn cs in Foundry	1-3-1976	6-3-1976
17	„ P. M. Mustafa	Assistant Lecturer, Electronics	Government Poly- technic, Kalamassery	Revision of Curriculum	10-3-1976	26-3-1976
18	„ M. Jarralu	Workshop Superintend- ent	Steel complex, Calicut	Industrial Training	16-8-1975	15-11-1975
19	„ R. Gopalakrishnan Nair	Head of Electronics Department	K.S E D.C., Trivandrum	„	1-10-1975	31-12-1975
20	„ V. K. Samsudin	Demonstrator	H M T , Kalamassery	„	17-11-1975	16-2-1976

APPENDIX X—(cont.)

Sl. No.	Name of person	Designation	Name of Institution	Type of training	Period of training		Remarks
					From	To	
1	2	3	4	5	6	7	8
1	SWAMY NITHYANANDA POLYTECHNIC, KANHANGAD	..	T.T.T.I., Madras	T.T.T.I., Training	..	..
2	2 Persons	..	..	Short term course	..	..
1	WOMENS POLYTECHNIC, TRIVANDRUM	..	Hyderabad	Refresher course	..	..
2	One lecturer	..	Madras	"	..	..
1	WOMENS POLYTECHNIC, TRICHUR	..	Trivandrum	Refresher course	..	..
2	Smt. P. Rugmini	Assistant Instructor in Tailoring	Madras	Q.I.P. Training	22-9-1975	4-10-1975	
3	" K. H. Nalini	Instructor in Costume Design and Dress Making	Govt. Polytechnic, Kalamassery	T.T.T.I. Extension Training	10-3-1976	27-3-1976	
4	" K. K. Seelamony	Assistant Lecturer- Embroidery	T.T.T.I., Madras	Training	5-1-1976	..	
5	" G. Sarojini Amma	Skilled Assistant	T.T.T.I., Madras	..	..	..
1	Sri M. Venkateswaran	Principal	T.T.T.I., Madras	..	..	..
1	JUNIOR TECHNICAL SCHOOL, ATTINGAL	Workshop Instructor	T.T.T.I., Madras	..	..	..
1	Sri A. Abdulsalam	Workshop Instructor	T.T.T.I., Madras	..	..	..
1	JUNIOR TECHNICAL SCHOOL, EZHUKONE	Workshop Instructor	T.T.T.I., Madras	
1	Sri J. Abdulsalam	Workshop Instructor	T.T.T.I., Madras	

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1	JUNIOR TECHNICAL SCHOOL, SHERTALLAI Sri T. Ravindran	Workshop Instructor	T.T.T.I., Madras	Training	.	..
1	JUNIOR TECHNICAL SCHOOL, NEDUMANGAD Sri C. Viswanathan	Instructor, Electrical Engg.	T.T.T.I.	"	"	.
2	" R. Gopalakrishna Pillai	Skilled Assistant	Central Training institute, Madras	"	..	.
1	JUNIOR TECHNICAL SCHOOL, PAMPADY Sri T. T. Mathew	Workshop Instructor	Technical Teachers Training institute, Madras	"	..	.
2	" K. Karunakaran	Skilled Assistant	Central Training institute, Calcutta	"	..	.
1	JUNIOR TECHNICAL SCHOOL, PERUMBAVOOR Sri P. K. Vijayan	Skilled Assistant	" Madras	"	..	.
1	JUNIOR TECHNICAL SCHOOL, KODUNGALLUR Sri K. M. Abdu Rehman	Instructor in Science		In service training	16-10-1975	4-11-1975
1	JUNIOR TECHNICAL SCHOOL, KRISHNAPURAM Sri P. M. Balakrishna Pillai	Workshop Foreman	Engineering College, Trichur	T.T.T.I. Trained Teachers seminar	During December 1975	
1	JUNIOR TECHNICAL SCHOOL, CANNANORE Sri K. Vasu	Workshop Instructor	C.T.I., Calcutta	Training	..	
2	" C. Gangadharan	"	C.T.I., Hyderabad	"	..	..
1	JUNIOR TECHNICAL SCHOOL, MANJERI Sri P. Narayanan	T.T.T.I.	T.T.T.I.	"	..	
1	JUNIOR TECHNICAL SCHOOL, KUNNAMKULAM K. N. Sathyanandan	Skilled Assistant	T.T.T.I., Madras	"	..	..
2	K. T. Chathappan	"	C.T.I., Madras	"	..	..
3	K. Sukumaran	"	"	"	..	..
4	C. K. Sreedharan	"	"	"	..	..

APPENDIX XI

Extra Curricular Activities

<i>Name of Institution</i>	<i>Amount Rs.</i>
Engineering College, Trivandrum .	11,416.73
Do. Trichur	25,048 00
Total .	36,464.73
T.K.M. College of Engineering, Quilon ..	16,676.00
N.S.S. do. Palghat ..	Not furnished
M.A. do. Kothamangalam .	6,707 00
Total .	23,383.00
Regional Engineering College, Calicut ..	88,459 69
Women's Polytechnic, Trivandrum ..	3,700 00
Do. Trichur ..	1,938.11
Do. Calicut ..	1,936.11
Total ..	7,574.22
Central Polytechnic, Trivandrum ..	8,784.87
Government Polytechnic, Kottayam ..	2,789 58
Do. Kalamassery ..	13,040 51
M.T.I., Trichur ..	2,100.00
Government Polytechnic, Perinthalmanna ..	2,246 35
Do. Cannanore ..	16,412 01
Kerala Government Polytechnic, Calicut ..	2,460.16
Sree Rama Polytechnic, Valapad ..	3,860.50
Total ..	51,693.98
S.N. Polytechnic, Quilon ..	3,938.03
N.S.S. do. Pandalam ..	7,337.26
Carmel do. Punnapra ..	22,295.00
Thiagarajar Polytechnic, Alagappanagar ..	8,543.79
S.S.M. Polytechnic, Tirur ..	7,038 16
S.N. do. Kanhangad ..	1,623.32
Total .	50,775 56
Institute of Printing Technology, Shoranur .	2,100.00

NAME OF AGENIS—(Continued from back cover)

55. K. Kunhambu, Bharath Printing Press, Kanhangad (P.O.), Cannanore.
56. Kozhy P. John, Vidyarthi Mithram Press and Book Depot, Kottayam.
57. Y. Habeebulla, Proprietor, New Book Centre, Near Collectorate, Quilon
58. Vijayakumar Jain, Prabhu Book Service, Gurgoan, Hariyana
59. Haji Abdul Rahiman Sait, Merchant, Kesavadasapuram, Trivandrum-4
60. M. Balan, Manager, City Book Stall, R. S. Road, Ottappalam.
61. K. Kunjiraman, Manager, Jaya Stores, Vazhuthacaud, Trivandrum
62. P. N. Narayana Pillai, M. N. Printers, Adoor.
63. S. Krishna Iyer, Proprietor, Sree Saraswathy Stores, Thycaud, Trivandrum
64. V. M. Noohu, Book Seller, Ansari Book Stall, Nilamel.
65. A. Narayanan Potti, Book Seller, Near Civil Station, Quilon-9
66. G. Prabhakaran Nair, Manager, Premier Book House, Muvattupuzha
67. Manager, Desabhumani Book House, M. G. Road, Trivandrum-1
68. K. V. Devassy, Manager, Perinthalmanna Printing Press, Perinthalmanna
69. K. Bhaskara Pillai, Praha Book Depot, Attingal P.O.
70. K. A. George, Proprietor, Students Stores, 74/XII Sub Jail Road, Alwaye
71. V. K. N. Pillai, Polayil Veedu, Manayikulangara, Quilon-12.
72. V. Gopinathan Nair, Book Seller, Kacheri Junction, Nedumangad.
73. Smt. A. Poornambal, Proprietor, Bhagya Enterprises, M. G. Road, Trivandrum.
74. K. J. Cheriyan, Manager, Victory Book House, Muvattupuzha.
75. M. C. Cheriyan, M.C.C. Book Depot, Chengannur.
76. M/s Radha Stores, Shoranur.
77. A. T. A. Mustafa, Mustafa Book Company, P.O. Payangad, Cannanore District
78. S. M. C. Babu, Babu Brothers Book Depot, Alwaye-1.
79. P. C. Cherian, St. Mary's Press and Book Depot, Changanacherry.-1.
80. R. Radhakrishnan Nair, Proprietor, Modern Books, Near Boat Jetty Road, Quilon
81. Smt. K. Thankamma, Contractor of K.G.'s Book Stall, Kottayam.
82. M. A. Joseph, Proprietor, House of Knowledge, Publishers and Book Sellers, Round South Trichur
83. V. Krishna Iyer, Retired R. T. O., T.C. 18/201, Valhachala, Trivandrum
84. C. I. Varghese, son of Chaliserry Itiathan, Central Book Stall, Palace Road, Trichur
85. M/s New Ladies Fancy Centre, Mannarghat.
86. T. V. Thomas Panicker, Indu Book Depot, Angamali P O, Ernakulam District
87. M. M. Varghese, Book Centre, West Nada, Guruvayur.
88. K. J. Raphael, Santha Book Stall, Book Sellers and Stationery Merchants, C. B Road Sulthanpet, Palghat
89. M/s Asoka Book Agency, 2/27, Roop Nagar, Delhi-7
90. M/s St. Joseph's Book Stall, Convent Square, Alleppey.
91. V. G. Abraham, St. Thomas Press and Book Depot, Kozhencherry
92. N. Sadanandan, Proprietor, Sadananda Printers, Publishers and Book Sellers, P O Alathur Palghat District
93. K. R. Sukumaran Nair, Sukumar Book Stall, T.C. 23/652, Thampanoor, Trivandrum
94. P. Aravindakshan, Book Seller, Near Post Office, Kottakkal
95. M/s D. K. Book Organisations, 74-D, Anand Nagar, (Inderlok) Delhi-110035
96. M/s Asok Trades, Book Sellers, Market Junction, Kottarakara
97. R. Viswanathan, Viswanatha Stores, P. O. Chelakkara, Trichur District.
98. M/s Vijnanabhavan Book Stall, Publishers and Book Sellers, Kayamkulam, Alleppey Dist.
99. N. Krishnan Nair, Edupadickal Puthen Veedu, Kattakkada P O., Neyyattinkara Taluk
100. K. Mohanan, Proprietor, S. N. V. Press and Book Depot, Kottarakkara
101. M/s Students Centre, Ottappalam
102. Sri T. G. Jacob, Pavor House, Inchavila, Perinad, Quilon
103. Sri Kallingal Ali, Ali Stores, Badagara
104. Sri P. Madhavan Nair, M. S. Book Depot, Main Road, Quilon
105. Sri K. C. Balan Nair, Book Centre, Opp B. E. M. P High School, Tellicherry-1.
106. Sri C. Parameswaran Nair, Ceepees Books and Periodicals, Kathamukku. T.C. 27/178 Trivandrum-24

**NAME OF AGENTS APPOINTED FOR THE SALE OF
GOVERNMENT PUBLICATIONS IN THE KERALA STATE**

1. J. S. Paul and Sons, Cannanore.
2. G. Vital Prabhu, News Agent, Manjeswar.
3. K. R. Brothers, Calicut.
4. Moulavi Book Depot, Kasargode.
5. Kottayi Gopalan, Tellicherry.
6. Touring Book Stall, Calicut.
7. K. P. Ahamed Kunhi and Brothers, Cannanore
8. Pallipat Stores, Irinjalakuda.
9. St. Joseph's Press, Perinthalmanna
10. George Press, Ottapalam.
11. Travancore Law House, Ernakulam.
12. P. K. Brothers, Calicut.
13. C. P. Savankutty Keyi, Vidyodayam Book Stall, Tellicherry.
14. M. V. John, Law Book Seller, Near Civil Courts, Tellicherry.
15. Manager, Higginbothams (Private) Ltd., Trivandrum.
16. Current Books, Publishers and Book Sellers, Trichur.
17. Educational Supplies, Book Sellers, Publishers and Printers, Palghat.
18. H. and C. Stores, Dealers in Books, Kunnankulam
19. Manager, Reddiar Press and Book Depot, Trivandrum.
20. K. Parameswaran Pillai, Stamp Vendor, Pulumoodu, Trivandrum.
21. Educational Supplies Depot, Trivandrum.
22. Jayachandra Book Depot, Chalai, Trivandrum.
23. S. Subramonia Iyer, Book Seller and Stamp Vendor, Kazhakoottam.
24. S. Krishna Iyer, Stamp Vendor, Ayurveda College View, Trivandrum.
25. N. Parameswaran Pillai, Alummoodu Veedu, Stamp Vendor, Kottarakkara.
26. N. Neelakanta Iyer, Stamp Vendor, Padmavilasom Street, Fort, Trivandrum.
27. The Manager, K. V. Press and Book Depot, Main Road, Attingal.
28. K. Bhaskaran Nair, News Agent, Trivandrum.
29. The Proprietor, Kerala Book House, Cranganore
30. K. K. Raghava Menon, Popular Book Depot, Cranganore
31. C. M. Book Stall, Publishers, Parayil, Kunnankulam
32. A. Jose, Proprietor, S. V. Press and Book Depot, Neyyattinkara.
33. N. Paramanandam- Proprietor, Ambika Press and Book Depot, Neyyattinkara.
34. The New Order Book Company, Ellis Bridge, Ahmedabad.
35. Pai and Company, Broadway, Ernakulam.
36. S. Hariharakrishna Iyer, Vinayaka Book Stall, Pazhavangadi, Trivandrum
37. K. P. Gopalan, Swaraj Book Stall, Court Road, Quilandy.
38. Ambat Sekhara Menon, Proprietor, Menon Stores, Chittur-Cochin.
39. M. I. Abraham, News Agent and Book Seller, Punalur P O
40. K. G. Thomas, K. V. Book Depot, Chengannur.
41. C. L. Joseph, The National Stores, Thana, Irinjalakuda
42. N. Krishnamoorthy, Merchant, Manantoddy.
43. T. I. Joseph and Sons, Prakasom Press and Book Depot, Irinjalakuda.
44. P. Radhakrishna Pillai, Sivavilasom, Kizhakkekkara, Kottarakkara.
45. Vidyarambham Press and Book Depot (P) Ltd., Mullakkal, Alleppey.
46. K. S. Kumara Pillai, Sreekumar Stores, Nedumangad.
47. E. K. John, Stamp Vendor, C/o Popular Trading Co., Kottayam
48. The Mahatma Press, Palace Road, Trichur.
49. P. K. Chacko, Proprietor, Peekaycee Trades, Kottayam
50. Janatha Book Stall, Near P. M. G.'s Office, Trivandrum.
51. The Secretary, Govt. Servants Co-operative Society Ltd, No. A208, Alleppey.
52. The Manager, St. Thomas Press, Palai.
53. The National Stores, Cannanore
54. N. Chellappan Pillai, Narayana Press and Book Stall, Attingal.

(Continued to inside cover.)



GOVERNMENT OF KERALA

ADMINISTRATION REPORT
OF THE
DEPARTMENT OF
TECHNICAL EDUCATION,
KERALA

FOR THE YEAR 1976-77

PRINTED BY THE S G.P. AT THE GOVERNMENT PRESS.
ERNAKULAM—1979

**ADMINISTRATION REPORT
OF THE
DEPARTMENT OF
TECHNICAL EDUCATION, KERALA**

FOR THE YEAR 1976-77

11/1143-1

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The Government of Kerala
1979



HIGHER EDUCATION (G) DEPARTMENT

**G. O. MS. No. 155/78/H. Edn., Trivandrum, dated 16th
October 1978**

Abstract.—Education—Technical—Administration Report of the
Technical Education Department for the year
1976-77—Reviewed.

Read.—Letter No. PGP 6-45689/77, dated 29th June 1978 and
14th July 1978 from the Director of Technical Education.

ORDER

1. Recorded.

2. Dr. S. Vasudev continued as the Director of Technical Education and Sri K. Sankaranarayanan continued as Administrative Officer during the year under review.

3. The Office of the Director of Technical Education was shifted from the place where it was functioning in the previous years to Padmavilasom Palace at Fort, Trivandrum and is functioning there. The Engineering College, Trichur was transferred to the control of the Cochin University with effect from 24th February 1977.

4. The following institutions functioned under the direct control of the Department during the year under review:—

Sl. No.	Type of Institution	Number of Institutions		Total
		Government	Private	
(1)	(2)	(3)	(4)	(5)
1.	Engineering Colleges	2*	3	5
2.	College of Fine Arts	1	..	1

* The Engineering College, Trichur was transferred to the Control of the Cochin University from 24th February 1977.

Sl. No.	'Type of Institution	Number of Institutions		Total
		Government	Private	
(1)	(2)	(3)	(4)	(5)
3.	Polytechnics	8	6	14
4.	Institute of Printing Technology	1	..	1
5.	Art Schools	3	..	3
6.	Women's Polytechnics	3	..	3
7.	Junior Technical Schools	21	..	21
8.	Pre-Vocational Training Centre	4	..	4
9.	Commercial Schools	4	.. (One is part-time)	4
10.	Government Industrial Schools	2	..	2
11.	Tailoring Trade Schools	2	..	2
12.	Tailoring and Garment Making Training Centre	11	..	11
13.	Weaving Training Centre	1	..	1
14.	Composing and Printing Centre	1	..	1
15.	Book Binding Centres	2	..	2
16.	Rattan Training Centre	1	..	1

Besides the above, the Regional Engineering College, Calicut and the Food Craft Institute at Kalamassery functioned as Registered Societies. The Department exercised control over these two institutions in respect of grant-in-aid.

The State Board of Technical Education, Board of Studies in Engineering and Technical and also the Staff Council were functioning during the year under review.

5. The sanctioned annual intake and the total strength of the various institutions were as follows:—

<i>Sl. No.</i>	<i>Name of Institution</i>	<i>Number of institutions</i>	<i>Sanctioned annual intake</i>	<i>Total strength</i>
(1)	(2)	(3)	(4)	(5)
1.	Government Engineering Colleges	2	489	1,888
2.	Private Engineering Colleges	3	374	1,394
3.	Government Polytechnics	8	1,441	3,840
4.	Private Polytechnics	6	746	2,290
5.	Institute of Printing Technology	1	30	79
6.	Women's Polytechnics	3	300	776
7.	Junior Technical Schools	21	1,230	3,484
8.	Fine Arts Institutions	3	85	141
9.	Commercial Institutes	4	300	257
10.	Pre-vocational Training Centres	4	105	277
11.	Industrial Schools	2	40	73
12.	Tailoring and Garment Making Training Centres	11	320	322
13.	Tailoring Trade Centres	9	156	153
14.	Book Binding Centres	2	60	56
15.	Rattan Training Centre	1	10	10
16.	Composing and Printing Centre	1	30	25
17.	Weaving Training Centre	1	30	29
18.	College of Fine Arts	1	30	83

There were 88 grant-in-aid schools during this year as against 101 functioned in the previous year.

6. The details of students presented for the Final Year Examination and the student passed from the various institutions were as follows:—

<i>Name of Institution</i>	<i>Number of Institution</i>	<i>Number of students presented for the final examination</i>	<i>Number of students passed</i>
(1)	(2)	(3)	(4)
Engineering Colleges	2	390	270
Polytechnics	8	1014	518
Women's Polytechnics	3	251	132
Institute of Printing Technology	1	22	13
Junior Technical Schools	21	890	504
Art Institutions	3	47	38
Commercial Institutions	4	N A.	N A.
Pre-vocational Training Centres	4	94	62

7. The details of scholarships/stipends granted to students of various institutions were as follows:—

Name of Institutions	No of Institutions	Scholarships		Stipend	
		No. of students	Amount Rs	No. of students	Amount Rs
Government Engineering Colleges ..	2	260	2,86,997.60	524	3,81,334 82
Private Engineering Colleges ..	3	143	1,33,597 60	537	2,74,908 73
Government Polytechnics ..	8	74	79,471 05	2051	8,30,409.59
Private Polytechnics ..	6	9	7,713.00	1402	7,25,386 16
Institute of Printing Technology ..	1	..	..	25	15,697.71
Women's Polytechnics ..	3	20	12,745.26	411	1,98,778 57
Junior Technical Schools ..	21	267	52,610 68	355	2,03,851.37
Commercial Institutes ..	4	..	..	7	1,639 00
Pre-vocational Training Centre ..	4	..	..	136	40,954.00
Industrial Schools ..	2	..	..	28	16,426 25
Tailoring and Garment Making Training Centres ..	11	..	..	57	37,951.40
Art Schools ..	3	..	..	64	27,749 23
Tailoring Trade Schools and Centres ..	9	..	..	30	20,839 68
Rattan Training Centre ..	1	..	..	9	6,408.83
Weaving Training Centre ..	1	..	..	19	6,455 15
Book Binding Centre ..	2	..	..	16	10,322.49
Composing and Printing Centre ..	1	..	..	5	3,588.13
College of Fine Arts ..	1	..	..	9	5,855.57

8. As in the previous year, emphasis was given to consolidation of existing training facilities and improvement of their quality and diversification of courses to suit the demands of modern industries rather than on expansion. A new diversified course started during the year under review was Post-Diploma Course in Industrial Electronics at the Central Polytechnic, Trivandrum. Book Banks have been organised in all the institutions. The system of Registration of Bio-data Cards has been introduced under the Apprenticeship Training Scheme. A total of 226 unemployed engineers were placed under paid Apprenticeship Training during the year. A technical library was started in the Directorate to

cater to the needs of unemployed engineers and technicians with literature on self-employment schemes, project reports, management problems, market services, technical education and avenues for higher studies in India and abroad. For development of Research and Development and for taking up works on consultancy, a society under the name of Lal Bahadur Sastri Engineering Research and Consultancy Centre has been registered. 179 technical teachers were on various types of training courses during the year.

9. The total receipts and expenditure during the year under review were Rs. 25 60 lakhs and 361.41 lakhs respectively.

10. The working of the department during the year under review was on the whole satisfactory.

(By order of the Governor)

Dr. V. VENKITANARAYANAN,
Special Secretary to Government.

ADMINISTRATION REPORT OF THE DEPARTMENT OF TECHNICAL EDUCATION, KERALA FOR THE YEAR 1976-77

CHAPTER 1

ADMINISTRATION

General

1.1. Based on the recommendation of the Special Committee appointment by the Government of India, the Department of Technical Education was formed on 4th September, 1957. The Technical Institutions which were controlled by the University and the Department of Industries and Commerce were brought under the direct control of the Department with a view to Co-ordinating Technical Education in matters of Syllabi, Standard, Examinations, etc. During the subsequent years several new institutions were started and new courses were introduced. The number of institutions both (Government and Private) under the control of this Department is listed in appendix.

Advisory set up

1.2.1. *State Board of Technical Education.*—There are 36 members including officials and non-officials. The Director of Technical Education is the Ex officio Secretary and the Education Minister of Kerala is the Chairman.

The main functions of this body are to co-ordinate the Technical Education at the State level and to advise the Government and the Department in matters connected with the Technical Education. The recognition of new institutions and starting of new courses of studies fall within the purview of the Board. A list of members of the State Board of Technical Education is given in the appendix.

1.2.2. *Board of studies in engineering and technology.*—The Board of Studies in Engineering and Technology, advise, the State Board of Technical Education in academic matters at and below the Diploma level.

The list of members of the Board of Studies is given in the appendix.

CHAPTER II
DEPARTMENTAL ACTIVITIES

2.1. The activities of the Department are mainly as follows:—

1. Imparting of technical education through its various institutions.

2. The selection and allotment of students to degree, diploma and certificate courses to the various technical institutions both Government and Private according to the rules.

3. The formulation and implementation of plan schemes.

4. The disbursement of grants to private Engineering Colleges and Polytechnics after assessing the eligibility for the same.

5. Verification and passing of the claims relating to pay and allowances of staff of Private Engineering Colleges and Polytechnics.

6. Award of various kinds of scholarships to the students undergoing technical education.

7. Control of the Private Engineering and Tailoring and Industrial Institutions by way of granting recognition after conducting inspection

8. Monitoring of implementation of Plan Schemes.

2.2. *Control of the academic matters of the Institution.*—The academic control in respect of Engineering Colleges are vested with the Universities at Kerala, Calicut and that of all the remaining institutions at and below Diploma level with the State Board of Technical Education. The Degree examinations are conducted by the Universities and the Diploma and Certificate examinations by the examination wing attached to the Department of Public Instruction on behalf of the Director of Technical Education. The question of conducting the Diploma and Certificate Examinations by the Department is under the consideration of Government. The Engineering College, Trichur was transferred to Cochin University during the end of the year.

2.3. *Staff Council.*—Dr. S. Vasudev, Director of Technical Education and Sri J. Sisupalan Pillai continued as the Chairman and Secretary respectively, of the staff council during the year. The staff council met three times during the year under review.

2.4. *Personnel.*—(1) *Director*—Dr. S. Vasudev continued as Director during the year under report.

(2) *Joint Director.*—Sri V. Kurien Thomas, continued as the Joint Director—Planning, Placement and Guidance—during the year under report.

(3) *Professor*—Placement and Training. Sri K. P. Parameswaran Pillai continued as Professor, Placement and Training during the year under report.

(4) *Administrative Officer*.—Sri K. Sankaranarayanan, Deputy Secretary to Government continued as Administrative Officer during the period under report

(5) *Deputy Directors*.—Sri K. G. Menon, Sri M. Padmanabhan, Sri George Pettah and Sri K. P. Hamza continued as Deputy Directors in academic, direct payment, planning and monitoring and purchase respectively.

(6) *Financial Assistant*.—Sri V. B. Kunhalikutty continued as Financial Assistant, during the year under report

(7) *Administrative Assistant*.—Sri K. E. Nathen was the Administrative Assistant for the whole year.

(8) *Accounts Officer*.—Sri T. K. Raghavan Nair and Sri K. Pichumony Naik were the Accounts Officers during the year under report

2.5 *Directorate*—The Office of the Director of Technical Education which was functioning in the campus of the School of Arts, Cantonment, was shifted to Padmavilasom Palace, Fort during the end of March 1977 and is functioning in the new place.

CHAPTER III

ADMISSION TO ENGINEERING COLLEGES, POLYTECHNICS, WOMEN'S POLYTECHNICS AND JUNIOR TECHNICAL SCHOOLS

Engineering Colleges

3.1. Admission to all the seats in Government Engineering Colleges and 85 per cent of the seats in the three Private Engineering Colleges in the State were made by a Committee consisting of the Principals of Engineering Colleges, Chairman, Kerala State Electricity Board, Chief Engineer (General and Irrigation), Registrar, University of Kerala and the Director of Technical Education. The Committee was assisted by a special staff attached to the Directorate of Technical Education appointed for the purpose.

3.1.2. Admission to Engineering Colleges was made strictly on the basis of marks secured by the candidates for the Pre-Degree Examinations or the qualifying examination as the case may be, subject to the

principles of reservation laid down by Government for the Socially and Educationally Backward Classes and the Scheduled Castes, Scheduled Tribes, Sport Council nominees, nominees from other States and other reservations. The table showing the actual intake during the year 1976-77 is given in appendix.

College of Fine Arts

3.2 Candidates for admission to the first year integrated preparatory course must have passed S.S.L.C. or equivalent with eligibility for college admission. Selection was made on the basis of aptitude tests and interview which was conducted by a Committee appointed by Government. The ratio of marks for aptitude test and interview was 4:1. Minimum marks for pass in the aptitude test was 40 per cent; Scheduled Castes/Scheduled Tribes were allowed a reduced minimum of 35 per cent in the aptitude test for eligibility for interview.

Polytechnics

3.3.1. The selection of candidates for admission to all the Polytechnics in the Public Sector, Institute of Printing Technology and 85 per cent of the seats in the six private polytechnics was made by a Committee, consisting of the Principals of Polytechnics and the Principal, Institute of Printing Technology, Shoranur and Director of Technical Education with the Assistance of the staff of the Directorate deputed for the purpose.

3.3.2 The selection of candidates for admission was made strictly on the basis of marks obtained for Mathematics and General Science in the S.S.L.C./J.T.S.L.C. Examination, subject to the principles of reservation of seats fixed by Government for Socially and Educationally Backward Classes, Scheduled Castes/Scheduled Tribes and other reservations.

3.3.3. During the year under report, number of seats to Polytechnics was reduced to 80 per cent of the original sanctioned intake.

Women's Polytechnics

3.4. The selection of candidates for admission to the 3 Women's Polytechnics was also made by a Committee consisting of the Principals of Women's Polytechnics and Director of Technical Education with the help of staff of the Directorate. The method of selection was the same as that followed for Engineering Colleges and Polytechnics.

Junior Technical Schools

3.5. Admission to all the 21 Junior Technical Schools was made on the basis of marks obtained in the common test conducted by the Director of Technical Education in the respective institutions, subject to the principles of reservation of seats to Scheduled Castes and Scheduled Tribes laid down by Government. The selection in each institution was made by a Committee consisting of the Superintendent of the concerned Junior Technical School, a graduate teacher of the same school, an industrialist of the area and a Principal of the nearest Polytechnic.

Private Grant-in-aid schools

3.6. There were 88 grant-in-aid schools during the year under report. Students were given coaching in various trades like Tailoring, Embroidery, Printing, Weaving, Drawing etc., for the Kerala Government Technical Examinations.

3.6.2. Admission to these institutions was made from candidates within the age group of 14-25 who have passed VII Standard or equivalent. These institutions were paid teaching grant at the rate of Rs. 85 per teacher subject to their satisfying the conditions laid down in the grant-in-aid code.

Private Engineering Institutions

3.7. The Private Engineering Institutions under the control of the Department were being inspected by the Departmental staff and recognition awarded. Admission of candidates was done by the private agencies themselves. During the year under report there were altogether 42 recognised Engineering Institutions.

CHAPTER IV

PROGRESS AND ACHIEVEMENTS IN THE FIVE YEAR PLAN SCHEMES DURING 1976-77

4.1. The year under report was the third year of the implementation of development scheme in the V Five Year Plan. As in the previous year, emphasis was given to consolidation of existing training facilities and improvement of their quality and diversification of courses to suit the demands of modern industries rather than on expansion.

4.2. During the year 1976-77 the total expenditure under development heads in the State sector was Rs. 37.89 lakhs out of the provision of Rs. 34.10 lakhs. The plan expenditure was to the extent of 111.11 per cent of the original provision.

4.3. New diversified course started during the year 1976-77 was Post-Diploma course in Industrial Electronics at Central Polytechnic, Trivandrum. 10 students were admitted for the course.

4.4. Book Banks have been organised in all the institutions and the expenditure under this head has exceeded the provision.

4.5. The expenditure under the Apprenticeship Training Scheme was 167 per cent of the provision. The system of registration of bio-data cards prepared has been introduced and this resulted in a total registration of 2,313 candidates as on 31st March 1977. The procedures with regard to registration, interview, selection and training were stabilised and stream-lined. A total of 226 unemployed engineers (88 Engineers and 138 Technicians) were placed under paid apprenticeship training during the year 1976-77. A brochure on Apprenticeship Training was compiled and released. A technical library was started in the Directorate to cater to the needs of unemployed engineers and technicians with literature on self-employment schemes, project reports, management problems, market service, technical education and avenues for higher studies in India and abroad. Sustaining membership of Indian Standard Institution was taken and a regular supply of I.S.S. is ensured.

4.6. Under the scheme "Teachers Training" 18 candidates were sent for the Workshop Technology course.

4.7. In the Faculty Development Programme, apart from the deputation of staff to Ph.D. and M.Sc., 26 persons were deputed for the 18 months course at the Technical Teachers Training Institute.

4.8. Food Craft Institute, Kalamassery received the whole amount of grant of Rs. 1 lakh and the Regional Engineering College, Calicut also received 97 per cent of the grant amount.

4.9. As a preliminary step, a Secretary was posted for the Lal Bahadur Sastri Research and Consultancy Centre. This has been registered as an autonomous unit for development of Research and Development and for taking up works on consultancy from Department, Industries etc.

4.10. Under the scheme 'Science and Technology Museum' an Assistant Professor was sent on deputation for the Museum Technology course at Pilani. A planetarium using indigenous

technology was also constructed at the College of Engineering, Trivandrum for exhibition of the movements of Stars and Planets across the celestial sphere.

4.11. Under Industrial Liaison five projects were undertaken by the College of Engineering, Trivandrum and Engineering College, Trichur

4.12. The expenditure under the College of Fine Arts was in excess of the provision

4.13. Under the two Centrally sponsored schemes, out of the provision of Rs. 13.50 lakhs, the expenditure came to Rs. 15.56 lakhs. The scheme was to run the Postgraduate Courses at College of Engineering, Trivandrum and Engineering College, Trichur by way of pay and allowances of staff and scholarship at Rs 400 per month to the Postgraduate students.

4.14 The scheme-wise provision and expenditure under plan schemes implemented during 1976-77 are given below:—

<i>Sl. No.</i>	<i>Name of scheme</i>	<i>Budget provision for 1976-77</i> <i>(Rs. in lakhs)</i>	<i>Expenditure till 31st March 1977</i>
1.	Directorate of Technical Education, Creation of Planning and Statistical Cell	1.50	1.67
2.	Junior Technical Schools	2.00	1.47
3.	Government Polytechnics	3.00	3.14
4.	Women's Polytechnics	1.00	0.41
5.	College of Engineering, Trivandrum	2.00	2.24
6.	Engineering College, Trichur	2.00	2.62
7.	Assistance to Computer Centre	0.25	0.25
8.	Regional Engineering College, Calicut	1.00	0.97
9.	Part-time Degree course	2.00	1.96
10.	Faculty Development	4.40	8.14
11.	Private Engineering Colleges	1.00	0.08
12.	Private Polytechnics	1.00	0.26

<i>Sl. No.</i>	<i>Name of scheme</i>	<i>Budget provision for 1976-77</i> (<i>Rs. in lakhs</i>)	<i>Expenditure till 31st March 1977</i>
13.	Food Craft Institute, Kalamassery ..	1.00	1.00
14.	Scholarships ..	0.40	0.58
15.	Text Books and Book Banks ..	1.00	1.01
16.	L.B.S. Research and Consultancy Centre ..	1.00	0.19
17.	Centre for specialised studies ..	0.10	0.01
18.	Apprentice Ship Training ..	0.30	0.50
19.	Teacher's Training ..	1.50	1.17
20.	Diversification of courses ..	4.00	4.47
21.	Library ..	1.00	0.77
22.	Science and Technology Museum ..	0.10	0.79
23.	Curriculum Development ..	0.20	0.25
24.	Industrial Liaison ..	0.20	0.27
25.	Management Education ..	0.05	..
26.	Teaching Aids ..	0.10	0.05
27.	College of Fine Arts ..	1.60	1.95
28.	Research work of Faculty ..	0.40	0.17
29.	Centres for Diploma in Commercial Practice ..	..	1.50
	Total ..	34.10	37.89

Chemistry Sponsored Schemes.—

1.	Postgraduate course in Engineering College, Trivandrum ..	9.98	11.74
2.	Postgraduate course in Engineering College, Trichur ..	3.52	3.82
	Total ..	13.50	15.56

CHAPTER V

ACTIVITIES OF GOVERNMENT INSTITUTIONS

Government Engineering Colleges

5.1.1. In the two Government Engineering Colleges at Trivandrum and Trichur, undergraduate courses in Civil, Mechanical, Electrical Engineering were conducted. In addition to the above, Electronics and Telecommunications and Architectural Engineering were conducted at College of Engineering, Trivandrum and Chemical Engineering and Naval Architecture courses at Engineering College, Trichur were conducted the undergraduate level. These courses were on semester pattern.

5.1.2 Both the Colleges have continued the 4 year Part-time Degree Courses in Civil, Mechanical and Electrical Engineering for the Diploma holders.

5.1.3. Two year Postgraduate courses in Civil, Mechanical and Electrical Engineering with different specialisations at the College of Engineering, Trivandrum and in Mechanical and Electrical Engineering at Engineering College, Trichur were conducted. Further M Sc. Degree Course in Electronics with specialisation in Microwave Engineering at College of Engineering, Trivandrum and Chemical Engineering with specialisation in process control at College, Trichur were also conducted.

5.1.4. Part-time M Sc. Degree Course of 3 years duration for Lecturers in Engineering Colleges were also conducted, at the Engineering College of Engineering, Trivandrum.

5.1.5 The details of sanctioned strength and actual intake for each course are given as Appendix.

5.1.6. The institutions have taken active interest in sports and games by participating in State Championships, Inter-Collegiate Tournaments and Athletic Meets. The Engineering College, Trichur has spent an amount of Rs. 47,739 for the sports and games.

5.1.7. The total receipt, expenditure hostel facilities, scholarships/stipends to students library facilities, outturn of students, training of teachers and such other details are given in the various tables appended.

Polytechnics

5.2. *Government Polytechnics.*—In the eight Government Polytechnics in the State Three Year Diploma Courses in Civil, Mechanical and Electrical Engineering were conducted during the year.

5.2.2. In addition to the above conventional courses, Three Year Diploma Course in Automobile Engineering and Chemical Technology at Government Polytechnic, Kalamassery, Electronics and Textile Technology at Central Polytechnic, Trivandrum, Chemical Engineering at Kerala Government Polytechnic, Calicut Textile Technology at Government Polytechnic, Cannanore, Three Year Diploma in Commercial Practice at Government Polytechnic, Kottayam and a certificate course of 2 years duration in Textile Technology at Central Polytechnic, Trivandrum and a 2 years certificate course in Textile Technology at Government Polytechnic, Cannanore were also conducted.

5.2.3. Four Year part-time Diploma Courses in Civil, Mechanical and Electrical Engineering were also conducted at Central Polytechnic, Trivandrum, Government Polytechnic, Kalamassery, M.T.I., Trichur and Kerala Government Polytechnic, Calicut.

5.2.4. Under Diversification, a Post Diploma Course in Industrial Electronics was started at Central Polytechnic, Trivandrum with an intake of 10.

5.2.5. The Polytechnics participated in inter-polytechnic meets and Youth Festivals.

5.2.6. The details of sanctioned and actual intake, receipts and expenditure, hostel facilities, Library, scholarships/stipends, training of teachers etc., etc., in the Government Polytechnics are given separately in the tables appended.

5.3.1. *Women's Polytechnics.*—Two Year Diploma course in Costume Design and Dress making and Three Year Diploma Course in Commercial Practice were conducted in all the 3 Women's Polytechnic in Kerala. Besides, Three Year Diploma Course in Instrument Technology at Women's Polytechnic, Trivandrum and Electronics at Women's Polytechnic, Trichur were conducted.

5.3.2. All the three Institutions have participated in sports games and other extra-curricular activities.

5.3.3. The informations on sanctioned and actual intake, receipt and expenditure, hostel and library facilities, scholarship/stipend, training of teachers etc., etc., are given in the tables appended.

5.4.1. *Institute of Printing Technology, Shoranur.*—Three Year Diploma Course in Printing Technology (Letter Press Group) was conducted in the institution. The sanctioned intake of the institution was 30 and all the seats were filled up during the year.

5.4.2. The institution has participated in games, visual education and association activities.

5.5.1. *Junior Technical Schools.*—In all the 21 Junior Technical Schools, in Kerala, J.T.S L.C. course of 3 years duration was conducted. From the second year of the course, training was given to students in one of the following trades in each school:

1. Machinshop
2. Turner
3. Fitting
4. Smithy
5. Pattern making
6. Welding
7. Sheetmetal
8. Motor Mechanic (only at Manjeri)
9. Moulding
10. Electric Repair (only at Trichur).

The sanctioned annual intake for the course was 60 in all the Junior Technical Schools except in Badagara where the sanctioned intake was 30 only. The actual intake in each institution is given in the Appendix.

5.5.2. The Junior Technical Schools have taken part in sports and games activities and Youth festivals and conducted annual day celebrations, annual day sports and other association activities.

5.5.3. The other details such as scholarships/stipends, receipt and expenditure, library facilities, total strength etc., etc., are given institution-wise in the tables appended.

5.6.1. *Art Institutions.*—There were 3 Art Institutions including a College of Fine Arts at Trivandrum. The other two institutions were Institute of Fine Arts, Trichur and R.V. Institute of Fine Arts, Mavelikkara. As a result of the upgradation of School of Arts, Trivandrum the Craft section is now functioning at the Central Polytechnic, Trivandrum and the Pottery Section is continuing at the College of Fine Arts Campus.

5.6.2. In the College of Fine Arts, National Diploma Courses of 5 years duration in Painting, Sculpture and Applied Art were offered.

5.6.3. At the R.V. Institute of Fine Arts. 2 Year Certificate course and 4 Year Diploma course in—

1 Drawing and Painting,

2. Sculpture and Modelling and One Year Post Diploma course were conducted.

5.6.4. Diploma course in Drawing and Painting and Diploma course in Engraving were conducted at the Institute of Fine Arts, Trichur.

5.6.5. The information on other activities are given separately in the tables appended

Commercial Institutions

5.7.1. *Diploma Course in Shorthand and Typewriting.*—Diploma Course in Shorthand and Typewriting of two years duration was conducted as a part-time course at Trivandrum. The sanctioned annual intake was 30 and all the seats were filled up. The other details about the course are given in the tables appended.

5.7.2. *Government Commercial Institutions.*—Three such institutions functioned during the year at Trivandrum, Ernakulam and Manjeri, of which the institutions at Trivandrum and Manjeri were started in 1975-76. The sanctioned intake of all these institutions was 60 each. The courses offered were typewriting and shorthand (English and Malayalam), Business Organisation and Secretarial Practice, Salesmanship and Marketing, Banking Law and Practice, Co-operation Theory and Practice and Accountancy. The course was of two years duration leading to K.G.T.E. Certificate. The other details are given in the tables appended

5.8.1. *Prevocational Training Centres.*—There were altogether four Prevocational Training Centres attached to the Junior Technical Schools, Attingal, Kodungallur, Manjeri and Cannanore.

5.8.2. The Prevocational Training Centres at Attingal and Manjeri offered engineering trades, while the centres at Cannanore and Kodungallur offered courses in home economics and agriculture respectively. Only girls were admitted at Prevocational Training Centre of Cannanore. Guls admitted to Prevocational Training Centre at Manjeri were given Training in Tailoring Trade.

5.8.3. The sanctioned annual intake, actual intake scholarships, stipend and other information are given the tables appended.

5.9. *Tailoring and Garment Making Training Centres.*—During the year under report there were eleven tailoring and garment making centres in the State functioning at Pattom, Thevally, Kanjikuzhy, Tripunithura, Narakkal, Trichur, Kalpathy, Kondotty, Badagara, Dharmadom and Payyannur. One year course in tailoring and Garment making was conducted in these centres. Details in respect of individual institutions are given separately in the tables appended.

5.10. *Government Industrial Schools* —There were two Government Industrial Training Schools in the State functioning at Irinjalakuda and Wadakkancherry. Two year Diploma course in Tailoring and Embroidery were conducted in these centres. The other details are given in the tables attached.

5.11.1 *Vocational Training Centres.*—There were nine vocational training centres in the State offering courses in tailoring at Haripad, Devikulam, Parassala, Pachallur, Karimkulam, Kanjiramkulam, Kandala, Chirayinkil and Chengannur. The duration of the course was one year.

5.11.2. There was a rattan training centre functioning at Paraniyam near Poovar where two year course for rattaning was offered.

5.11.3. There were four other centres in the State, where one year coaching was offered in book binding at Kulathur and Manacad and composing and Book binding at Vattiyookavu and weaving training at Aralumood.

5.11.4. The other information relating to the individual institutions are given separately in the tables appended.

Private Institutions

5.12.1 *Private Engineering Colleges.*—In the three Private Engineering Colleges at Quilon, Kothamangalam and Palghat under graduate courses in Civil, Mechanical and Electrical Engineering were conducted. The sanctioned and actual intake in each college are given in the tables appended.

5.12.2. All these institutions have taken part in extracurricular activities and an expenditure of Rs. 12,800, has been incurred by T. K. M. College of Engineering, Quilon for the extra-curricular activities.

5.12.3. Other details such as total strength outturn, receipt and expenditure scholarship/stipend, library facilities hostel, training of teachers etc., etc., are given separately in the tables appended.

5.12.4. *Private Polytechnos.*—Out of the six Private Polytechnics 3 year full time Diploma course in Civil, Mechanical and Electrical Engineering were conducted in all the Polytechnics except at Swamy Nithyananda Polytechnic Kanhangad where only courses in Mechanical and Automobile Engineering were conducted. A Three Year Diploma course in Electronics was also conducted at Seethi Sehib Memorial Polytechnics, Tirur.

5.12.5. The institutions have taken interest in activities like sports, games, arts club association activities.

5.12.6. The information relating to other activities of the institutions are given in the tables appended.

CHAPTER VI

REGIONAL ENGINEERING COLLEGE, CALICUT

6.1. The Regional Engineering College, Calicut which was started in September 1961 is the ninth of its kind sponsored by the Government of India and the first one established during the third Five Year Plan period. The college is a joint enterprise of the Central Government and the Kerala State Government and has been registered as a society under the XXI Societies Registration Act of 1860. It is under the management and control of a Board of Governors consisting of members representing the states in the Southern Region, the All India Council for Technical Education, the Southern Regional Committee and the Ministry of Education of the Government of India.

6.1.2. During the year under report, one year Engineering Preparatory, 4 year B.Sc. Engineering in Civil, Mechanical and Electrical Engineering and 2 year M.Sc Engineering Courses in Structural Engineering, Heat Power (Refrigeration and Air Conditioning) and Instrumentation and Control System were conducted in the Regional Engineering College, Calicut. No new courses were started during the year.

6.1.3. Extra curricular activities are organised by the students under different clubs for sports and games, fine Arts, Literary and debating activities, painting and sketching, gymnastic, social service league, audio visual N.S.S. and industrial forum were organised. Three departmental Associations in Civil, Mechanical and Electrical

Engineering were also organised. The institution won the University aggregate championship for the best college under Calicut University in sports and games a second time in succession with a record total of 103 points; 20 students were selected to represent the various teams under the Calicut University. For the Calicut University teams for Football, Basketball, Shuttle Badminton, Wrestling and weight lifting, captains were from this college.

6.1.4. An expenditure of Rs. 22,797.03 has been incurred towards the extracurricular activities.

6.1.5. The details on other activities are given in the tables attached

FOOD CRAFT INSTITUTE, KALAMASSERY

6.2.1. During the year 1976-77 the following courses were conducted into Food Craft Institute, Kalamassery:

One year Certificate course in—

1. Hotel Reception, Book-keeping and Typewriting.
2. Restaurant and Counter Service.
3. Cookery.
4. Bakery and Confectionary.
5. Canning and Food Preservation.

A part-time, housewires course for 13 weeks in Cookery, Bakery and Confectionary was also conducted in the Institution.

6.2.2. The Institute had no facilities for hostel accommodation. 29 seats in the Government Polytechnic Hostel, Kalamassery have been allotted for the students of this institute.

6.2.3. Educational tours to Hotels, Factories, Places of Archeological importance, etc. were arranged. An expenditure of Rs. 1406.78 has been incurred for the extracurricular activities.

6.2.4. A refresher course of 2 months duration in restaurant service was conducted for the persons working in the industry. The sanctioned intake was 20 and 18 were admitted for the course.

6.2.5. The other relevant information are given in the tables appended.

Details of grants paid to the Private Engineering Colleges and Polytechnics, Regional Engineering College, Calicut, Food Craft Institute, Kalamassery, Scholarships, Grant-in-aid and Non-tax Revenue during 1976-77.

1. Total amount laid by way of grant-in-aid to Private Engineering Colleges:

(a) Grants.—

	Rs.
(i) Amount paid towards maintenance contingencies, laboratories, etc. (Under non-plan) ..	2,09,856.11
(ii) Salary of staff paid under the direct payment scheme (Under non-plan) ..	35,57,649.89
(iii) Amount paid towards non-recurring grant (Under plan) ..	8,431.87

2. Total amount paid by way of grant-in-aid to Private Polytechnics:

(a) Grant.—

(i) Amount paid towards maintenance, contingencies, laboratories, etc. (Under non-plan) ..	2,13,830.75
(ii) Salary of staff paid under direct payment scheme (Under non-plan) ..	31,65,121.25
(iii) Amount paid towards non-recurring grant (Under plan) ..	25,500.00

In addition to the above, the following amounts were also paid to the Private Engineering Colleges and Polytechnics towards salary of the teaching staff deputed for higher studies and training under the quality improvement programme and Technical Teachers Training Schemes respectively.

3. Faculty Development 277 Fh (e) (Plan) ..	3,63,526.90
4. Teachers Training 277 F (h) 3 (Plan) ..	34,714.30
5. Grant-in-aid to Regional Engineering College, Calicut	
(a) Recurring grant (Under non-plan) ..	18,50,000.00
(b) Non-recurring grant (Under plan) ..	97,862.80
6. Grant in-aid to Food Craft Institute, Kalamassery.	
(a) Recurring grant (Under non-plan) ..	3,35,000.00
(b) Non-recurring grant (Under plan) ..	1,00,000.00
7. Scholarships.—	
277 F-Technical Education (f) Amount of Scholarships and stipends paid to students from Kerala, studying outside the State .	15,103.35
Film Institute, Madras, Poona, etc.	

	<i>Rs.</i>
8. Grant paid to Private Tailoring Industrial Schools ..	1,77,102·15
9. 277 F (i) 4 Book Bank Scheme in respect of Private Engineering Colleges and Polytechnics ..	41,000·00
Non-tax Revenue—	
(a) Arrears outstanding at the beginning of the year (as on 31-3-1976) ..	1,53,513 05
(b) Demand for the year 1976-77 ..	26,48,463 69
(c) The amount collected during the year 1976-77 ..	25,60,048·34
(d) The amount emitted or written off during the year 1976-77 ..	25,60,0483·4
(e) Balance carried forward to be subsequent year (as on 31-3-1977) ..	2,41,928 40

Organisation of the Department of Technical Education

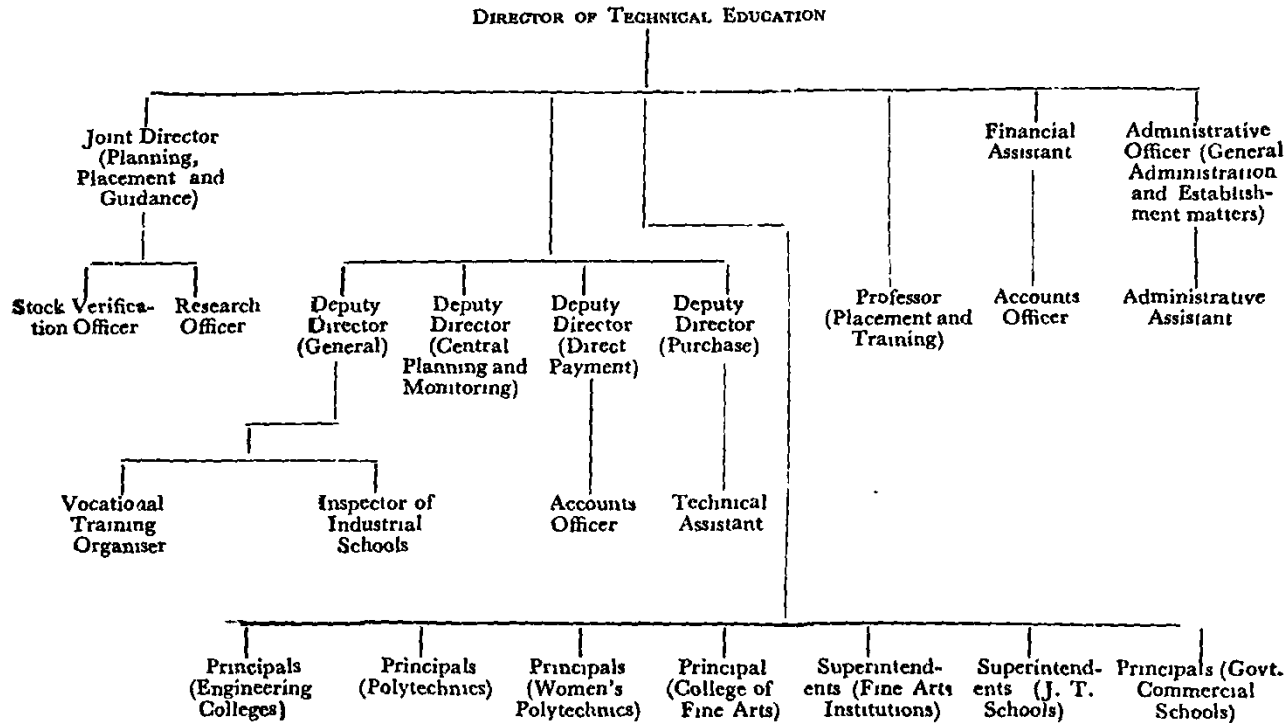


TABLE I

**Details of students presented for the final year examination
and the students that passed from the various
Government Institutions**

<i>Name of Institution</i>	<i>No. of Institution</i>	<i>No. of students presented for the final examination</i>	<i>No. of students passed</i>
(1)	(2)	(3)	(4)
Engineering Colleges	2	390	270
Polytechnics	8	1,014	518
Women's Polytechnics	3	251	132
Institute of Printing Technology	1	22	13
Junior Technical Schools	21	890	504
Art Institutions	3	47	38
Commercial Institutions	4	N.A.	N.A.
Prevocational Training Centres	4	94	62

TABLE II
Details of scholarships and stipends

Name of Institutions	No. of Institutions	Scholarships		Stipend	Stipend Rs.
		No. of students	Amount Rs.	No. of students	
1	2	3	4	5	6
Government Engineering Colleges ..	2	260	2,86,997-60	524	3,81,394-82
Private Engineering Colleges ..	3	143	1,33,597-60	537	2,74,908 73
Government Polytechnics ..	8	74	79,471-05	2,051	8,30,409-59
Private Polytechnics ..	6	9	7,713-00	1,402	7,25,386-16
Institute of Printing Technology ..	1	..	..	25	15,697-71
Women's Polytechnics ..	3	20	12,745-26	411	1,98,778-57
Junior Technical Schools ..	21	267	52,610-68	355	2,03,851-37
Commercial Institutes ..	4	..	..	7	1,639-00
Prevocational Training Centre ..	4	..	..	136	40,954-00
Industrial Schools ..	2	..	..	28	16,426-25
Tailoring and Garment Making Training Centres ..	11	..	..	57	37,951-40
Art Schools ..	3	..	..	64	27,749-23
Tailoring Trade Schools and Centres ..	9	..	..	30	20,839 68
Rattan Training Centre ..	1	..	..	9	6,408-83
Weaving Training Centre ..	1	..	..	19	6,455-15
Book Binding Centre ..	2	..	..	16	10,322-49
Composing and Printing Centre ..	1	..	..	5	3,588-13
College of Fine Arts ..	1	..	..	9	5,855-57

TABLE III

The details of sanctioned annual intake and the total strength of the various institutions

<i>Sl. No.</i>	<i>Name of Institution</i>	<i>No. of Institution</i>	<i>Sanctioned annual intake</i>	<i>Total strength</i>
(1)	(2)	(3)	(4)	(5)
1.	Government Engineering Colleges	.. 2	489	1,888
2.	Private Engineering Colleges	.. 3	374	1,394
3.	Government Polytechnics	.. 8	1,441	3,840
4.	Private Polytechnics	.. 6	746	2,290
5.	Institute of Printing Technology	. 1	30	79
6.	Women's Polytechnics	.. 3	300	776
7.	Junior Technical Schools	.. 21	1,230	3,484
8.	Fine Arts Institutions	.. 3	85	141
9.	Commercial Institutes	.. 4	300	257*
10.	Prevocational training centres	.. 4	105	277
11.	Industrial Schools	.. 2	40	73
12.	Tailoring and Garment making training centres	. 11	320	322
13.	Tailoring Trade centres	. 9	156	153
14.	Book Binding centres	2	60	56
15.	Rattan training centre	.. 1	10	10
16.	Composing and printing centre	.. 1	30	25
17.	Weaving Training centre	. 1	30	29
18.	College of Fine Arts	.. 1	30	83

* Total strength of Government Commercial Institute, Trivandrum not included.

APPENDIX

- I. Number of Institutions under the direct control of the department.
- II. List of members of the State Board of Technical Education.
- III. List of members of the Board of Studies in Engineering and Technology.
- IV. List of Heads of Institutions.
- V. Sanctioned intake, actual intake, Backward Community and S.C./S.T. students, total strength with B.C. and S.C./S.T. students in Engineering Colleges.
- VI. Sanctioned intake, actual intake, B.C. and S.C./S.T. students, total strength with B.C. and S.C./S.T. students in Polytechnics.
- VII. Sanctioned intake, actual intake, B.C. and S.C./S.T. students, total strength with B.C. and S.C./S.T. students in Women's Polytechnics.
- VIII. Sanctioned intake, actual intake, B.C. and S.C./S.T. students, total strength with B.C. and S.C./S.T. students and Junior Technical Schools
- IX. Sanctioned intake, actual intake, B.C. and S.C./S.T. students, total strength with B.C. and S.C./S.T. students and members presented and passed for final Examination at P.V.T. Centres.
- X. Sanctioned intake, actual intake, B.C. and S.C./S.T. students, total strength with B.C. and S.C./S.T. students, number of students presented and passed for examination in Government Commercial Schools
- XI. Sanctioned intake, actual intake, B.C. and S.C./S.T. students, total strength with B.C. and S.C./S.T. students, number of students presented and passed in the examination in Art Institutions and Training Centres.
- XII. Outturn of students—Number of students presented and number of students passed from each institution.
- XIII. Facilities in the Library—Number of books purchased during the year, amount spent and the total number of books in the Library (Institution-wise).
- XIV. Hostel facilities—Number of students admitted and total number of inmates in the hostel (Institution-wise).

- XV. Total number of staff in Engineering Colleges, Polytechnics, Women's Polytechnics and Junior Technical Schools.
- XVI. Total number of posts filled by S.C /S.Ts in Engineering Colleges, Polytechnics, Women's Polytechnics and Junior Technical Schools.
- XVII. Number of teaching personnel—Qualification-wise in Engineering Colleges, Polytechnics, Women's Polytechnics and Junior Technical Schools.
- XVIII. Scholarships and stipends—Nature of scholarships and stipends—Number of students and the amount paid in each institutions (Institution-wise).
- IX. Receipt and expenditure—Receipts of the institutions and hostel, expenditure of the institutions and hostel in each institution.
- XX. List of persons sent for training from the various institutions.

APPENDIX I

Number of Institutions under the direct control
of the department

Sl.No	Type of Institution	No. of Institutions		Total
		Government	Private	
(1)	(2)	(3)	(4)	(5)
1.	Engineering Colleges ..	2*	3	5
2.	College of Fine Arts ..	1	..	1
3.	Polytechnics ..	8	6	14
4.	Institute of Printing Technology ..	1	..	1
5.	Art Schools ..	3	..	3
6.	Women's Polytechnics ..	3	..	3
7.	Junior Technical Schools ..	21	..	21
8.	Pre-Vocational Train- ing Centre .	4	..	4
9.	Commercial Schools ..	4	..	4 (one is part-time)
10.	Government Indus- trial Schools ..	2	..	2
11.	Tailoring Trade Schools .	2	.	2
12.	Tailoring and Gar- ment Making Training Centre ..	11	..	11
13.	Weaving Training Centre ..	1	..	1
14.	Composing and Printing Centre ..	1	..	1
15.	Book Binding Centres ..	2	..	2
16.	Rattan Training Centre ..	1	.	1

*The Engineering College, Trichur was transferred to the Control of the Cochin University from 24th February 1977.

In addition to the above institutions there is one Regional Engineering College at Calicut and one Food Crafts Institute at Kalamassery which function as registered societies. The department exercises control over them in respect of grant-in-aid.

APPENDIX II

List of members of the State Board of Technical Education

1. The Minister for Education (Chairman)
2. The Special Secretary to Government, Higher Education Department, Government of Kerala.
3. The Secretary to Government, General Education Department, Government of Kerala.
4. The Special Secretary to Government, Industries Department, Government of Kerala.
5. The Special Secretary to Government, Finance Department.
6. The Director of Industries and Commerce, Trivandrum.
7. The Director of Employment and Training, Trivandrum.
8. The Director of Collegiate Education, Trivandrum.
9. The Director of Public Instructions, Trivandrum.
10. The Chief Engineer, Public Works Department.
11. Sri K. M. Bahauddin,
Principal, Regional Engineering College, Calicut
12. Sri P. S. Subramoniam,
Principal, Engineering College, Trivandrum.
13. Dr. S. Narayana Iyer,
Professor, College of Engineering, Trivandrum
14. Sri M. Ramaswamy Iyer,
Sr Architect, Public Works Department, Trivandrum.
15. Sri K. Venkitaraman,
Professor in Tele-Communication, College of Engineering,
Trivandrum.
16. Dr. M. V. Raghavacharya,
Professor in Chemical Engineering, Engineering College,
Trichur
17. Sri Kurien John,
Superintendent, Government Presses, Trivandrum.
18. Sri D. Bhaskaran Nair,
I Grade Professor of Commerce, Government College,
Chittur.
19. Sri A. Sreedhara Menon,
Registrar, University of Kerala, Trivandrum.
20. Dr. C. P. Kuriakose,
Pro-vice Chancellor, Cochin University, Hill Palace,
Tripunithura.
21. Sri T. P. Kuttiammu,
Dean, Faculty of Engineering, Calicut University.

22. Professor S. Sampath,
Deputy Director, Indian Institute of Technology, Madras
23. Sri K. I. Idiculla,
F.I.E., Retired Chief Engineer, Kandathil, Jawaharnagar
Trivandrum-5.
24. The Assistant Educational Adviser (T), S R O ,
First Floor, Shastri Bhavan, 35, Haddows Road, Madras.
25. Dr G. L. Amba Rao,
Head, Structural Engineering and Applied Mathematics
Division, S S T C., V S S C., Thumba.
26. Pro-Ahlyas Varghese,
M.A College of Engineering, Kothamangalam.
27. Sri P. S Nambodiri,
Ex M.L.A, Amballur P.O , Puthukadu (via) Trichur.
28. Sri A. K. Kaderkutty,
Managing Director, Western India Plywood Ltd.,
Kaltapattam, Cannanore District
29. Sri K. Abdulla,
Head of Section, S S M. Polytechnic, Tirur
30. C. I. Mathew,
Principal, Government Polytechnic, Kalanassery.
31. Sri R. Govinda Menon,
Principal, N S S College of Engineering, Paighat.
32. Sri N. Bhaskara Kurup, N S S Polytechnic, Pandalam
33. Sri T. K. Surendran,
Superintendent, Junior Technical School, Kodungallur.
34. Sri C. M Francis,
Managing Director, Trivandrum Spinning Mills
Balaramapuram, Trivandrum
35. Sri N. Ramakrishnan,
Deputy Secretary (Edu)
36. The Director of Technical Education, Trivandrum (Secretary)

APPENDIX III

Board of Studies in Engineering and Technology

1. Director of Technical Education (Chairman).
2. The Director of Public Instruction, Kerala,
3. The Chief Engineer (General), Public Works Department,
Trivandrum.

4. The Chief Engineer, (Electrical), Kerala State Electricity Board
5. Sri G. G. Salem,
Principal, Government Polytechnic, Kottayam.
6. Sri Ramavarma Appan Thampuran,
Sr. Lecturer, Government Polytechnic, Cannanore.
7. Sri K. Abdulla,
Principal, S.S.M Polytechnic, Tirur.
8. Dr. M. V. Raghavacharya,
Head of Department of Chemical Engineering, College
of Engineering, Trichur.
9. Sri N. Bhaskara Kurup,
Principal, N.S.S. Polytechnic, Pandalam.
10. Sri Janaranjanadasan,
Professor of Commerce, Government Arts College,
Trivandrum.
11. Head of Department of Mechanical Engineering,
Engineering College, Trivandrum
12. Sri P. S. Subramoniam,
Principal, Engineering College, Trivandrum.
13. Sri George Pettah,
Deputy Director of Technical Education, Trivandrum.

APPENDIX IV

List of Head of Institutions during 1976-77

<i>Sl. No.</i>	<i>Name of Institution</i>	<i>Name of Principal/ Superintendent</i>	<i>Period</i>
(1)	(2)	(3)	(4)
<i>Engineering Colleges.—</i>			
1.	College of Engineering, Trivandrum	Professor, P. S. Subramoniam	1976-77
2.	College of Engineering, Trichur	Dr. P. J. George	1976-77
3.	T. K. M. College of Engineering, Quilon	Professor, P O. J. Lebba (Professor-in-charge)	1976-77

APPENDIX IV—(cont.)

(1)	(2)	(3)	(4)
4.	M. A. College of Engineering, Kothamangalam	Professor, V. K. M. John	1976-77
5.	N.S.S. College of Engineering, Palghat	Professor, R. Govinda Menon	1976-77
6	Regional Engineering College, Calicut	Professor, K M. Bahauddin	1976-77
<i>Polytechnics.—</i>			
1.	Central Polytechnic, Trivandrum	Sri C. N. Rajan	1976-77
2.	Government Polytechnic, Kottayam	„ G. G Salem	1976-77
3.	Government Polytechnic, Kalamassery	„ C. I. Mathew	1976-77
4.	M.T.I., Trichur	„ K. V. Jacob	1976-77
5	S R. Polytechnic, Valapad	„ S. Ganapathy	1976-77
5.	Government Polytechnic, Perinthalmanna	1. Sri K. Padmanabha Kurup 2 „ P. S. Aravindakshan	Upto 20-8-1976 From 20-8-1976
7.	Kerala Government Polytechnic, Calicut	Sri C. V. Raghavan Nair	1976-77
8.	Government Polytechnic, Cannanore	„ V. M. Sreenivasa Murthy	1976-77
9.	Institute of Printing Technology, Shornur	„ V. K. Jawaharlal	1976-77
10.	S. N. Polytechnic, Kottiyam	„ N. G Bahuleyan	1976-77
11	N.S.S. Polytechnic, Pandalam	„ N. Bhaskara Kurup	1976-77
12.	Carmel Polytechnic, Alleppey	, P. Balan	1976-77
13.	Thiagarajar Polytechnic, Alagappanagar	„ N. Raveendranathan	1976-77
14.	S.S.M. Polytechnic, Tirur	„ K. Abdulla	1976-77
15.	S. N. Polytechnic, Kanhangad	„ Govindan	1976-77

APPENDIX IV—(cont.)

(1)	(2)	(3)	(4)
<i>Junior Technical Schools.—</i>			
1.	Junior Technical School, Attingal	Sri L. Mathew	1976-77
2.	Do. Nedumangad	„ K. Padmanabhan Nair	1976-77
3.	Do. Adoor	„ P. N. Mathew	1976-77
4.	Do. Ezhukone	„ M. G. Gopinathan Nair	1976-77
5.	Do. Shertallai	„ Krishnamoorthy Iyer	1976-77
6.	Do. Krishna- puram	„ V. Gopalakrishnan Nair	1976-77
7.	Do. Pampady	„ K. Joseph Mathew	1976-77
8.	Do. Palai	„ R. Krishnankutty Nair	1976-77
9.	Do. Perumbavoor	1. Sri M. K. Thiru- meni 2 „ T. I Thomas	Upto 2-10-1976 From 3-10-1976
10.	Do. Koratty	Sri P. K. Varkey	1976-77
11.	Do. Kodungallur	„ T. K. Surendran	1976-77
12.	Do. Trichur	„ C. Ramachandran	1976-77
13.	Do. Kunnam- kulam	„ K. K. Uduppunny	1976-77
14.	Do. Chittoor	„ P. A. Mohamed Ali	1976-77
15.	Do. Shoranur	„ A. Ramachandran	1976-77
16.	Do. Calicut	„ C. V. Raghavan Nair	1976-77
17.	Do. Badagara	„ C. K. Moosakoya	1976-77
18.	Do. Manjeri	„ K. Raman	1976-77
19.	Do. Cannanore	„ A. K. Venugopalan	1976-77
20.	Do. Cheruva- thoot	„ K. K. Bhaskara Poduval	1976-77
21.	Do. Mattannur	„ K. Venugopalan	1976-77

APPENDIX IV—(cont.)

(1)	(2)	(3)	(4)
<i>Women's Polytechnics.—</i>			
1.	Women's Polytechnic, Trivandrum	Sri M. Narayanan	1976-77
2.	Do. Trichur	„ Venkitaswaran	1976-77
3.	Do. Calicut	„ Jipson Charles	1976-77
<i>Art Institutions.—</i>			
1.	College of Fine Arts, Trivandrum	Sri C. L. Porin- kuttu	1976-77
2.	R. V. Institute, Mavelikara	„ M. Sekharan	1976-77
3.	Institute of Fine Arts, Trichur	„ C. Krishnankuttu Menon	1976-77
<i>Government Commercial Institutes.—</i>			
1.	Government Commer- cial Institute, Trivandrum	Sri R. Krishnankuttu	1976-77
2.	Do. Ernakulam	„ S. Ramadathan Unni	1976-77
3.	Do. Manjeri	„ T. A. Baby	1976-77
.	Diploma Course in Shorthand and Type- writing, Trivandrum	„ P. N. Balakrishnan Nair	1976-77

APPENDIX V (a)
Sanctioned intake during 1976-77 (Engineering Colleges)
DEGREE COURSE

Sl. No.	Name of institution	Civil	Mechanical	Electrical	Part-time	Chemical	Telecommunication	Architecture	Total
1	2	3	4	5	6	7	8	9	10
1	College of Engineering, Trivandrum	59	64	56	45	.	46	15	285
2	College of Engineering, Trichur	35	50	34	45	40	..	..	204
3	T.K.M. College of Engineering, Quilon	50	60	50	..	..	..	..	160
4	M.A. College of Engineering, Kothamangalam	34	40	33	..	..	..	..	107
5	N.S.S. Engineering College, Palghat	34	40	33	..	..	..	..	107
6	Regional Engineering College, Calicut	..	250	..	..	..	..	..	250
Total		922 Civil, Mechanical, Electrical			90	40	46	15	1113

POSTGRADUATE DEGREE

Sl. No.	Name of institution	Civil	Mechanical	Electrical	Microwave	Chemical	Total
1	2	3	4	5	6	7	8
1	Engineering College, Trivandrum	24	15	15	10	..	64
2	Engineering College, Trichur	..	6	6	..	6	18
3	Regional Engineering College, Calicut	..	30	.	.	..	30

APPENDIX V (b)

Engineering Colleges

ACTUAL INTAKE FOR 1976-77

Serial number	Engineering Colleges	Civil		Mechanical		Electrical		Part-time	
		M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10
1	College of Engineering, Trivandrum ..	45	14	64	..	38	18	45	..
2	Engineering College, Trichur ..	23	12	50	..	30	4	45	..
3	T.K.M. College of Engi- neering, Quilon ..	33	17	49	1	45	5	..	..
4	M.A. College of Engineering, Quilon ..	21	10	38	..	30	4	..	..
5	N.S.S. Engineering College, Palghat ..	25	11	42	..	31	2	..	.
6	Regional Engineering College, Calicut ..	..	.	169	..	..	.	.	..

APPENDIX V (b)—(cont.)

Serial number	Engineering Colleges	Automobile		Chemical		Telecommunication		Architecture		Total
		M	F	M	F	M	F	M	F	
		11	12	13	14	15	16	17	18	
1	College of Engineering, Trivandrum	33	13	11	4	285
2	Engineering College, Trichur ..	..	..	28	12	..	..	..	..	204
3	T.K.M. College of Engineering, Quilon ..	..	..	.	..	..	..	..	..	150
4	M.A. College of Engineering, Quilon ..	..	.	.	.	..	..	..	..	103
5	N.S.S. Engineering College, Palghat ..	.	..	..	..	..	.	..	..	111
6	Regional Engineering College, Calicut ..	..	..	..	..	.	..	..	..	169

APPENDIX V (b)---(cont)
ACTUAL INTAKE FOR POSTGRADUATE COURSE FOR 1976-77

Sl. No.	Engineering College	Civil		Mechanical		Electrical		Microwave		Chemical		Total
		M	F	M	F	M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13
1	College of Engineering, Trivandrum	19	.	8	.	17	..	5	..	..	..	49
2	College of Engineering, Trichur	..	..	6	.	6	..	..	..	6	..	18
3	Regional Engineering College, Calicut	..	..	10	.	..	..	..	..	..	..	10

APPENDIX V (c)
Engineering Colleges
No. of S C /S.T STUDENTS ADMITTED DURING 1976-77

Serial No	Engineering Colleges	Backward Community			Scheduled Caste/Scheduled Tribe			
		M	F	Total	M	F	Total	
1	2	3	4	5	6	7	8	
1	College of Engineering, Trivandrum	..	45	10	55	8	1	9
2	College of Engineering, Trichur	..	35	10	45	3	2	5
3	T K.M. College of Engineering, Quilon	..	50	9	59	8	1	9
4	M A. College of Engineering, Kothamangalam	..	..	..	..	1	..	1
5	N S S. Engineering College, Palghat	..	22	2	24	1	1	2
6	Regional Engineering College, Calicut	..	37	4	41	12	..	12
	Total	..	189	35	224	33	5	38

APPENDIX V (d)
Engineering Colleges
TOTAL STRENGTH DURING 1976-77

Serial number	Engineering College	Civil		Mechanical		Electrical		Part-time		Automobile	
		M	F	M	F	M	F	M	F	M	F
		3	4	5	6	7	8	9	10	11	12
I YEAR											
1	College of Engineering, Trivandrum	45	11	64		38	18	45		..	..
2	Engineering College, Trichur	23	12	50		30	4	45		..	..
3	T. K. M. Engineering College, Quilon	33	17	49	1	45	5			..	..
4	M. A. College of Engineering, Kothamangalam	21	10	38		30	4	..	..	..	..
5	N S S Engineering College, Palghat	25	11	42	..	31	2			..	..
6	Regional Engineering College, Calicut	169	11	(No branch-wise details)						..	..
II YEAR											
1	College of Engineering, Trivandrum	50	14	57		44	10		..	..	..
2	College of Engineering, Trichur	172	21	(No branch-wise details)					..	..	..
3	T. K. M. College of Engineering, Quilon	37	12	46	..	43	4	..		..	..
4	M. A. College of Engineering, Kothamangalam	81	15	(No branch-wise details)					..	..	..
5	N. S. S. College of Engineering, Palghat	27	4	34		24	3			..	..
6	Regional Engineering College, Calicut	33	4	91		63	5	..		..	..

APPENDIX V (d)—(cont.)

Serial number	Engineering College	Chemical		Telecommunication		Architecture		P G Course		Total	
		M	F	M	F	M	F	M	F	M	F
		13	14	15	16	17	18	19	20	21	22
I YEAR—(cont.)											
1	College of Engineering, Trivandrum	..	..	33	13	11	4	49	..	285	49
2	Engineering College, Trichur	..	28	12	..	..	..	18	..	194	28
3	T. K. M. Engineering College, Quilon	..	..	..	..	..	..	..	..	127	23
4	M. A. College of Engineering, Kothamangalam	..	..	..	..	..	..	..	..	89	14
5	N. S. S. Engineering College, Palghat	..	..	..	..	..	..	..	..	98	13
6	Regional Engineering College, Calicut	..	..	..	..	..	..	10	..	179	11
II YEAR—(cont.)											
1	College of Engineering, Trivandrum	..	..	45	4	11	..	39	6	246	34
2	College of Engineering, Trichur	..	..	..	..	..	..	20	..	192	21
3	T. K. M. College of Engineering, Quilon	..	..	..	..	..	..	..	..	126	16
4	M. A. College of Engineering, Kothamangalam	..	..	..	..	..	..	..	..	81	15
5	N S S. College of Engineering, Palghat	..	..	..	..	..	..	..	..	85	7
6	Regional Engineering College, Calicut	..	..	..	..	..	..	9	1	196	10

APPENDIX V (d)—(cont.)

Serial number	Name of Institution	Civil		Mechanical		Electrical		Part-time		Aut mobile	
		M	F	M	F	M	F	M	F	M	F
		3	4	5	6	7	8	9	10	11	12
III YEAR											
1	College of Engineering, Trivandrum	45	17	63	.	53	14	..	..	..	..
2	Engineering College, Trichur	.	170	.	20	..	.	(No branch-wise details)	..	..	..
3	T K M. Engineering College, Quilon	..	40	17	58	1	55	3	..	..	..
4	M A. College of Engineering, Kothamangalam	.	.	87	..	..	8	(No branch-wise details)	..	..	..
5	N S S Engineering College, Palghat	.	30	3	27	..	28	.	..	..	..
6	Regional Engineering College, Calicut	..	47	3	103	.	79	6	..	..	..
IV YEAR											
1	Engineering College, Trivandrum	..	38	12	57	..	43	12	.	..	..
2	Engineering College, Trichur	.	165	20	(No branch-wise details)	.	.	.	..	..	..
3	T K.M. Engineering College, Quilon	.	38	9	46	.	50	4	..	..	..
4	M.A. College of Engineering, Kothamangalam	..	89	10	(No branch-wise details)	.	.	.	..	..	..
5	N S S Engineering College, Palghat	..	31	4	29	..	29	4	..	..	..
6	Regional Engineering College, Calicut	..	57	5	96	..	77	2	..	..	..

APPENDIX V (d)—(cont.)

Serial number	Name of Institution	Chemical		Telecommunication		Architecture		Total	
		M	F	M	F	M	F	M	F
		13	14	15	16	17	18	19	20
III YEAR—(cont.)									
1	College of Engineering, Trivandrum			40	4	12		213	35
2	Engineering College, Trichur	..	..					170	26
3	T.K.M. Engineering College, Qutlon				..	..	..	153	21
4	M.A. College of Engineering, Kothamangalam				..	..	..	87	8
5	N.S.S. Engineering College, Palghat						..	85	3
6	Regional Engineering College, Calicut		..					229	9
IV YEAR—(cont.)									
1	Engineering College, Trivandrum	..		42	2	10	..	190	26
2	Engineering College, Trichur		..	..		..	..	165	20
3	T.K.M. Engineering College, Qutlon						..	134	13
4	M.A. College of Engineering, Kothamangalam			..	..			89	10
5	N.S.S. Engineering College, Palghat							89	8
6	Regional Engineering College, Calicut	..						230	7

APPENDIX V (c)

Engineering Colleges

TOTAL STRENGTH OF BACKWARD COMMUNITY, SCHEDULED CASTE/SCHEDULED TRIBE STUDENTS DURING 1976-77—YEAR-WISE

Serial number	Engineering Colleges	Branch and Community										
		I year		II year		III year		IV year		Total		
		M	F	M	F	M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	
1	Engineering College, Trivandrum	(year-wise details not given)									260	..
2	Engineering College, Trichur	36	10	45	12	54	14	58	8	193	44	
3	T K M Engineering College, Quilon	50	9	62	4	73	9	76	7	261	29	
4	M A. College of Engineering, Kothamangalam	.	.	.	.	.	.	..	.	.	..
5	N S S College of Engineering, Palghat	32	4	19	1	25	1	19	1	95	7	
6	Regional Engineering College, Calicut	38	4	38	1	49	2	58	1	183	8	

APPENDIX V (c)—(cont.)

Serial number	Engineering Colleges	Scheduled Castes/Scheduled Tribes									
		I year		II year		III year		IV year		Total	
		M	F	M	F	M	F	M	F	M	F
		13	14	15	16	17	18	19	20	21	22
1	Engineering College, Trivandrum	(year-wise details not given)								22	7
2	Engineering College, Trichur	3	2	.	.	2	..	2	..	7	2
3	T.K M Engineering College, Quilon	8	1	4	..	4	..	5	..	21	1
4	M A. College of Engineering, Kothamangalam	1	..	..	..	1	..	.	..	2	..
5	N.S.S. College of Engineering, Palghat	1	1	..	1	2	1	..	..	3	3
6	Regional Engineering College, Calicut	12	..	6	..	3	..	4	..	25	..

APPENDIX VI (a)

Polytechnics

SANCTIONED INTAKE DURING 1976-77

11/1143-4

Serial number	Polytechnics	Civil	Mechanical	Electrical	Part-time	Automobile	Electronics	Textile Technology	Post Diploma in Industrial Electronics	Textile Technology certificate course	Printing Technology	Chemical Engineering	Craft course	Chemical Technology	Total
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Central Polytechnic, Trivandrum	40	40	40	72	..	40	30	10	30	36	..	338
2	Government Polytechnic, Kottayam	32	32	32	..	..	..	..	..	..	..	..	..	..	96
3	Government Polytechnic, Kalamassery	50	30	50	48	30	..	..	..	..	..	..	..	20	228
4	M.T.I., Trichur	40	35	25	48	..	..	..	..	..	..	..	..	..	158
5	Government Polytechnic, Perinthalmanna	25	25	25	..	..	..	..	..	..	..	..	..	..	75
6	K.G.P.T., Calicut	64	60	64	48	..	..	..	..	..	..	30	..	..	266
7	Government Polytechnic, Cannanore	33	32	35	..	..	..	30	..	30	..	..	..	..	160
8	Institute of Printing Technology, Shoranur	..	..	..	..	..	..	..	..	..	30	..	..	..	30
9	S.N. Polytechnic, Kottiyam	48	48	48	..	..	..	..	..	..	..	..	..	..	144
10	N.S.S. Polytechnic, Pandalam	48	48	48	..	..	..	..	..	..	..	..	..	..	144
11	Carmel Polytechnic, Alleppey	48	48	48	..	..	..	..	..	..	..	..	..	..	144
12	Thagarajar Polytechnic, Alagappanagar	48	48	48	..	..	..	..	..	..	..	..	..	..	144
13	S.R.P., Valapad	60	30	30	..	..	..	..	..	..	..	..	..	..	120
14	S.S.M. Polytechnic, Tirur	32	32	32	..	..	30	..	..	..	..	..	..	..	126
15	S.N. Polytechnic, Kanhangad	..	24	..	..	20	..	..	..	..	..	..	..	..	44
	Total	568	532	535	216	50	70	60	10	60	30	30	36	20	2217

APPENDIX VI (b)
Polytechnics—Actual Intake for 1976-77

Serial number	Name of Polytechnics	Civil		Mechanical		Electrical		Part-time course		Automobile		Electronic	
		M	F	M	F	M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Central Polytechnic, Trivandrum	40	5	40	..	39	3	75	.	..	..	40	..
2	Government Polytechnic, Kottayam	30	6	30	..	28	4	.	..	.	..	..	..
3	.. Kalamassery	29	21	30	..	47	3	48	..	30	..	..	..
4	M T I, Trichur	40	5	39	.	30	4	44	..	.	..	..	..
5	Government Polytechnic, Perinthalmanna	16	2	22	..	23	.	.	..	..	..	..	..
6	.. Calicut	54	3	58	..	55	1	47	..	..	..	..	..
7	.. Cannanore	32	1	32	..	34	1	..	..	..	..	..	..
8	Institute of Printing Technology, Shoranur	..	.	..	.	..	..	..	..	.	.	..	..
9	S N. Polytechnic, Kottiyam	46	2	45	4	49	..	..	..	..	..	..	..
10	N S S Polytechnic, Pandalam	45	7	51	..	47	..	..	..	..	..	..	..
11	Carmel Polytechnic, Alleppey	41	7	48	..	48	.	.	.	..	..	..	..
12	Thiagarajar Polytechnic, Alagappanagar	41	7	49	..	49	..	..	..	..	.	..	..
13	Sree Rama Polytechnic, Valapad	26	9	31	..	28	..	..	..	..	..	..	..
14	S S M Polytechnic, Tirur	32	.	32	..	32	.	..	..	.	.	40	..
15	S N Polytechnic, Kanhangad	..	..	24	..	..	.	..	..	20	.	..	..
	Tota	472	75	531	4	509	16	214	..	50	.	80	..

APPENDIX VI (b)—(cont.)

11/1143-4a

Serial number	Name of Polytechnics	Textile technology		Post diploma in industrial electronics		Textile technology certificate course		Printing technology		Chemical Engineering/Technology		Total
		M	F	M	F	M	F	M	F	M	F	
		15	16	17	18	19	20	21	22	23	24	25
1	Central Polytechnic, Trivandrum ..	31	1	9	1	26	5	..	..	..	.	315
2	Government Polytechnic, Kottayam ..	..	..	..	.	.	..	.	.	.	.	98
3	Kalamassery ..	..	..	..	..	.	..	..	..	20	.	228
4	M.T I., Trichur ..	..	..	..	.	.	..	..	..	.	..	162
5	Government Polytechnic, Perinthalmanna ..	..	..	..	..	..	..	..	..	..	..	63
6	Calicut ..	..	..	..	..	..	..	..	..	30	..	248
7	Cannanore ..	29	.	..	..	29	1	..	..	.	..	159
8	Institute of Printing Technology, Shoranur ..	..	..	.	..	.	..	25	5	..	..	30
9	S N. Polytechnic, Kottiyam ..	..	..	..	..	..	.	..	..	..	..	146
10	N S S. Polytechnic, Pandalam ..	..	..	..	..	..	..	..	..	..	..	150
11	Carmel Polytechnic, Alleppey ..	..	..	..	..	..	..	..	..	..	..	144
12	Thiagarajar Polytechnic, Alagappanagar ..	..	..	..	..	..	..	.	..	..	..	146
13	Sree Rama Polytechnic, Valapad ..	..	..	..	..	..	..	..	..	..	..	94
14	S S M. Polytechnic, Titur ..	..	..	.	..	..	..	..	..	..	..	136
15	S N. Polytechnic, Kanhangad ..	..	.	..	..	.	..	..	..	..	..	44
	Total ..	60	1	9	1	55	6	25	5	50	..	2163

Actual intake at Central Polytechnic, Trivandrum for Craft Course: M-22, F-6. Total: 28

APPENDIX VI (c)

Polytechnics

No of B.C., S C./S.T. students admitted during 1976-77

Serial number	Polytechnics	Backward community			Scheduled Caste/Scheduled Tribe		
		Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8
1	Central Polytechnic, Trivandrum ..	104	5	109	43	8	51
2	Government Polytechnic, Kottayam ..	27	4	31	8	1	9
3	" " Kalamassery ..	93	19	112	6	2	8
4	Maharaja's Technological Institute, Trichur ..	59	2	61	5	..	5
5	Government Polytechnic, Perintalmanna ..	28	2	30	6	..	6
6	Kerala Government Polytechnic, Calicut ..	134	4	138	32	..	32
7	Government Polytechnic, Cannanore ..	114	2	116	9	1	10
8	Institute of Printing Technology, Shoranur ..	6	2	8	1	2	3
9	S N. Polytechnic, Kottiyam ..	81	9	90	9	2	11
10	N S.S. Polytechnic, Pandalam ..	32	3	35	9	..	9
11	Government Polytechnic, Perintalmanna ..	52	2	54	10	3	13
12	Thiagarajar Polytechnic, Alagappanagar ..	39	4	43	5	..	5
13	Sree Rama Polytechnic, Valapad ..	38	8	46	9	..	9
14	S S M Polytechnic, Tirur ..	70	..	70	17	..	17
15	S.N. Polytechnic, Kanhangad ..	22	..	22	1	.	1
	Total ..	899	66	965	170	19	189

APPENDIX VI (d)

Polytechnics

Total strength of students during 19/6-77

Serial number	Polytechnics	Civil		Mechanical		Electrical		Part-time		Automobile		Electronics	
		M	F	M	F	M	F	M	F	M	F	M	F
		3	4	5	6	7	8	9	10	11	12	13	14
1	2												
	I YEAR												
1	Central Polytechnic, Trivandrum .	40	5	40	.	39	3	75	..	.	.	40	.
2	Government Polytechnic, Kottayam ..	30	6	30	..	28	4	..	..	..	..	..	..
3	Government Polytechnic, Kalamassery ..	29	21	30	.	47	..	44	..	30	..	.	.
4	Maharaja's Technological Institute, Trichur ..	40	3	37	.	30	2	44	..	..	..	..	..
5	Government Polytechnic, Perinthalmanna ..	16	2	22	.	23	.	.	..	..	..	..	..
6	Kerala Government Polytechnic, Calicut ..	54	3	58	..	55	1	47	..	.	.	..	..
7	Government Polytechnic, Cannanore ..	32	1	32	..	34	1	..	.	..	.	..	..
8	Institute of Printing Technology, Shoranur ..	..	..	.	.	..	.	..	.	.	.	..	..
9	Sree Rama Polytechnic, Valapad ..	23	12	31	.	28	.	..	.	..	..	..	..

APPENDIX VI (d)—(cont.)

Serial number	Polytechnics	Textile technology		Post diploma in industrial electronics		Textile technology certificate course		Printing technology		Chemical Engineering/Technology		Craft course		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
		15	16	17	18	19	20	21	22	23	24	25	26		27
I YEAR—(cont.)														
1	Central Polytechnic, Trivandrum ..	31	1	9	1	26	5	..	..	..	..	22	6	343
2	Government Polytechnic, Kottayam ..	..	..	..	..	..	..	..	..	..	..	..	..	98
3	Government Polytechnic, Kalamassery ..	..	..	..	..	..	..	..	..	20	..	..	..	221
4	Maharaja's Technological Institute, Trichur ..	..	..	..	..	..	..	..	..	..	..	..	..	156
5	Government Polytechnic, Perinthalmanna ..	..	..	..	..	..	..	..	..	..	..	..	..	63
6	Kerala Government Polytechnic, Calicut ..	..	..	..	..	..	..	..	..	30	..	..	..	248
7	Government Polytechnic, Cannanore ..	23	..	..	..	29	1	..	..	..	..	..	..	153
8	Institute of Printing Technology, Shoranur ..	..	..	..	..	..	..	25	5	..	..	..	..	30
9	Sree Rama Polytechnic, Valapad ..	..	..	..	..	..	..	..	..	..	..	..	..	94

APPENDIX VI(d)—(cont.)

Serial number	Polytechnics	Civil		Mechanical		Electrical		Part-time		Automobile		Electronics	
		M	F	M	F	M	F	M	F	M	F	M	F
		3	4	5	6	7	8	9	10	11	12	13	14
	I YEAR—(cont.)												
10	S. N. Polytechnic, Kottiyam	46	2	49	.	45	4	.	.	.	..	..	..
11	N. S. S. Polytechnic, Pandalam	44	4	47	.	46	1	..	.	.	..	.	..
12	Government Polytechnic, Perinthalmanna	41	7	48	.	48	..	..	.	.	..	..	..
13	Thiagarajar Polytechnic, Alagappanagar	41	7	49	.	49	.	..	.	.	..	..	..
14	S. S. M. Polytechnic, Tirut	32	..	32	.	32	.	.	.	20	..	32	..
15	S. N. Polytechnic, Kanhangad	..	..	24	.	..	.	.	.	.	.	.	..
	Total	468	73	529		504	16	210	..	50	.	72	..

APPENDIX VI(d)—(cont.)

Serial number	Polytechnics	Textile technology		Post diploma in industrial electronics		Textile technology certificate course		Printing technology		Chemical Engineering/Technology		Craft course		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
		15	16	17	18	19	20	21	22	23	24	25	26		27
	I YEAR—(cont.)													
10	S N Polytechnic, Kottiyam	..	..	.	..	.	..	..	.	.	..	..	..	146
11	N S S. Polytechnic, Pandalam	..	..	.	..	.	..	..	.	.	..	..	..	142
12	Government Polytechnic, Perinthalmanna	.	.	..	.	.	..	..	..	..	..	.	.	144
13	Thiagarajar Polytechnic, Alagappanagai	..	.	..	..	..	.	..	.	..	..	.	.	146
14	S S M Polytechnic, Tirur	.	..	..	..	..	.	..	..	..	..	..	.	128
15	S. N. Polytechnic, Kauhanganad	.	..	.	..	..	.	..	..	..	..	..	..	44
	Total	54	1	9	1	55	6	25	5	50	.	22	6	2156

APPENDIX VI (d)—(cont)

Serial number	Polytechnics	Civil Engineering		Mechanical Engineering		Electrical Engineering		Part-time		Automobile Engineering		Electronics	
		M	F	M	F	M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	II YEAR												
1	Central Polytechnic, Trivandrum ..	38	5	39	..	39	3	53	..	..	.	40	2
2	Government Polytechnic, Kottayam ..	35	5	30	..	30	4	..	..	..	..	..	.
3	Government Polytechnic, Kalamassery ..	43	17	30	..	60	..	38	..	28	..	..	.
4	Maharaja's Technological Institute, Trichur ..	40	3	39	..	35	2	40	..	.	.	.	..
5	Government Polytechnic, Perinthalmanna ..	16	3	16	..	16	1	..	..	..	..	.	..
6	Kerala Government Polytechnic, Calicut ..	49	7	68	..	74	..	34	.	.	..	..	..
7	Government Polytechnic, Cannanore ..	38	2	38	..	45	1	..	..	..	..	..	..
8	Institute of Printing Technology, Shoranur ..	..	..	..	..	..	..	..	..	..	..	..	..
9	Sree Ram Polytechnic, Valappad ..	25	8	33	..	31	2	..	..	.	..	..	..

APPENDIX VI (d)—(cont)

Serial number	Polytechnics	Textile technology		Post diploma in industrial, electrical, electronics		Textile technology certificate course		Printing technology		Chemical Engineering Technology		Craft course		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
		15	16	17	18	19	20	21	22	23	24	25	26		27
II YEAR—(cont)														
1	Central Polytechnic, Trivandrum	27	4	.	..	21	6	.	..	.	..	10	16	303
2	Government Polytechnic, Kottayam	.	.	.	.	.	..	.	..	.	.	..	..	104
3	Government Polytechnic, Kalamassery	..	.	.	.	.	..	.	..	15	.	Techly		231
4	Maharaja's Technological Institute, Trichur	.	.	.	.	.	..	.	..	.	..	.	.	159
5	Government Polytechnic, Perinthalmanna	.	..	.	.	..	.	..	.	..	.	..	..	52
6	Kerala Government Polytechnic, Calicut	.	..	..	..	..	..	..	..	25	2	..	..	259
7	Government Polytechnic, Cannanore	23	.	.	.	..	..	..	..	..	..	..	..	147
8	Institute of Printing Technology, Shoranur	.	..	.	.	..	..	.	..	18	8	.	..	26
9	Sree Ram Polytechnic, Valappad	..	.	.	.	..	..	..	..	.	..	..	.	99

APPENDIX VI (d)—(cont.)

Serial number	Polytechnics	Civil Engineering		Engi- Mechanical neering		Engi- Electrical neering		Part-time		Engi- Automobile neering		Electronics		
		M	F	M	F	M	F	M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
	II YEAR—(cont.)													
10	S N Polytechnic, Kottiyam	..	50	13	63	..	69	2	..	..	..	..	..
11	N S S. Polytechnic, Pandalam	..	44	7	49	..	55	..	..	..	..	..	..
12	Carmel Polytechnic, Alleppey	..	33	10	57	..	53	..	..	..	..	..	..
13	Thiagarajar Polytechnic, Alagappanagar	..	52	8	59	..	55	5	..	..	..	..	..
14	S S M. Polytechnic, Tirur	..	32	6	24	..	35	1	..	..	..	40	1
15	S N Polytechnic, Kanhangad	..	..	..	17	..	..	..	..	..	20	..	..
	Total	..	495	94	562	..	597	21	165	..	48	..	80	3

APPENDIX VI (d)—(cont.)

Serial number	Polytechnics	Textile technology		Post diploma in industrial electronics		Textile technology certificate course		Printing technology		Chemical Engineering Technology		Craft course		Total	
		M	F	M	F	M	F	M	F	M	F	M	F		
		15	16	17	18	19	20	21	22	23	24	25	26		27
II YEAR—(cont.)															
10	S N. Polytechnic, Kottiyam	..	..	..	..	..	..	..	..	..	..	..	..	197
11	N S S. Polytechnic, Pandalam	..	..	..	..	..	..	..	..	..	..	..	..	155
12	Carmel Polytechnic, Alleppey	..	..	..	..	..	..	..	..	..	..	..	..	153
13	Thiagarajar Polytechnic, Alagappanagar	..	..	..	..	..	..	..	..	..	..	..	..	179
14	S S.M. Polytechnic, Tirur	..	..	..	..	..	..	..	..	..	..	..	..	139
15	S.N. Polytechnic, Kanhangad	..	..	..	..	..	..	..	..	..	..	..	..	37
	Total	..	50	4	21	6	18	8	40	2	10	16	2240

APPENDIX VI (d)—(cont.)

Serial number	Polytechnics	Civil Engineering		Engi- Mechanical neering		Engi- Electrical neering		Part-time		Automobile Engi- neering		Electronics	
		M	F	M	F	M	F	M	F	M	F	M	F
		3	4	5	6	7	8	9	10	11	12	13	14
III YEAR													
1	Central Polytechnic, Trivandrum ..	16	2	20	..	34	1	38	..	..	..	27	..
2	Government Polytechnic, Kottayam ..	33	2	30	..	34	1	..	..	..	..	..	..
3	Government Polytechnic, Kalamassery ..	25	20	25	..	57	1	29	1	26	..	..	..
4	Maharaja's Technological Institute, Trichur ..	34	4	31	..	31	1	37	..	..	..	..	..
5	Government Polytechnic, Perinthalmanna ..	28	3	24	..	38	..	..	..	..	..	..	..
6	Kerala Government Polytechnic, Calicut ..	35	5	39	..	56	..	..	..	..	..	..	..
7	Government Polytechnic, Cannanore ..	36	1	15	..	37	2	32	..	..	..	..	..
8	Institute of Printing Technology, Shoranur ..	..	..	..	..	..	..	..	..	..	..	..	..
9	Sree Ram Polytechnic, Valappad ..	32	9	16	..	39	..	..	..	..	..	..	..
10	S N. Polytechnic, Kottiyam ..	37	5	26	..	57	5	..	..	..	..	..	..
11	N. S S Polytechnic, Pandalam ..	46	5	52	..	36	..	..	..	..	..	..	..

APPENDIX VI (d)—(cont)

Serial number	Polytechnics	Textile technology		Post diploma in industrial electronics		Textile technology certificate course		Printing technology		Chemical Engineering/Technology		D.C.P.		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
		15	16	17	18	19	20	21	22	23	24	25	26		27
III YEAR—(cont)														
1	Central Polytechnic, Trivandrum ..	22	1	..	..	..	..	..	..	..	..	..	..	161
2	Government Polytechnic, Kottayam ..	..	..	..	..	..	..	..	..	..	..	17	4	121
3	Government Polytechnic, Kalamassery ..	..	..	..	..	..	..	..	..	18	..	11g	..	202
4	Maharaja's Technological Institute, Trichur ..	..	..	..	..	..	..	..	..	..	..	..	..	138
5	Government Polytechnic, Perinthalmanna ..	..	..	..	..	..	..	..	..	..	..	..	..	93
6	Kerala Government Polytechnic, Calicut ..	..	..	..	..	..	..	..	..	..	21	..	..	156
7	Government Polytechnic, Cannanore ..	20	..	..	..	..	..	..	..	..	..	..	..	143
8	Institute of Printing Technology, Shoranur ..	..	..	..	..	..	..	18	5	..	..	..	..	23
9	Sree Ram Polytechnic, Valappad ..	..	..	..	..	..	..	..	..	..	..	..	..	96
10	S N Polytechnic, Kottiyam ..	..	..	..	..	..	..	..	..	..	..	..	..	130
11	N. S S Polytechnic, Pandalam ..	..	..	..	..	..	..	..	..	..	..	..	..	139

APPENDIX VI (d)—(cont.)

Serial number	Polytechnics	Civil Engineering		Mechanical Engineering		Electrical Engineering		Part-time		Automobile Engineering		Electronics	
		M	F	M	F	M	F	M	F	M	F	M	F
		3	4	5	6	7	8	9	10	11	12	13	14
1	2												
	(II YEAR—(cont.))												
12	Carmel Polytechnic, Alleppey	..	37	5	40	..	47	3	.	..		..	.
13	Thiagarajar Polytechnic, Alagappanagar	..	34	14	48	4	47	3	..	..	.	..	..
14	S S M Polytechnic, Tirur	..	31	.	11	.	31	1	..	..		..	28
15	S N. Polytechnic, Kanhangad	.	.	.	14	.	.	.	.	..	17		..
	Total	..	424	75	391	.	544	18	136	1	43	.	55

APPENDIX VI (d)—(cont.)

Serial number	Polytechnics	Textile technology		Post diploma in industrial electronics		Textile technology certificate course		Printing technology		Chemical Engineering/technology		D.C.P.		Total	
		M	F	M	F	M	F	M	F	M	F	M	F		
		15	16	17	18	19	20	21	22	23	24	25	26		
III YEAR—(cont.)															
12	Carmel Polytechnic, Alleppey	..	..	..	.	.	..	..	..	..	..	..	..	132
13	Thagarajar Polytechnic, Alagappanagar	..	..	..	..	..	..	..	..	..	..	..	..	146
14	S. S. M. Polytechnic, Tirur	..	..	..	..	..	..	..	..	..	..	..	..	102
15	S. N. Polytechnic, Kanhangad	..	.	..	..	..	..	..	..	..	..	..	..	31
	Total	..	42	1	18	5	39	..	17	4	1813

	M	F	Total
Trivandrum Part-time Diploma 4th year	..	41	1
Calicut	..	14	..
Kalamassery	..	20	..
Trichur	..	15	..
			91

APPENDIX VI (c)

Total strength of B.C., S.C./S.T. students during 1976-77 year-wise

11/143-5

Serial number	Polytechnics	Backward community							
		I year		II year		III year		Total	
		M.	F.	M.	F.	M.	F.	M.	F.
1	2	3	4	5	6	7	8	9	10
1	Central Polytechnic, Trivandrum	104	5	87	7	72	2	263	14
2	Government Polytechnic, Kottayam	27	4	26	6	43	3	96	13
3	Kalamassery	93	19	88	14	85	10	266	43
4	M T.I., Trichur	59	2	34	2	22	3	115	7
5	Government Polytechnic, Perinthalamanna	28	2	29	3	46	3	103	8
6	Kerala Government Polytechnic, Calicut	134	4	108	1	84	5	326	10
7	Government Polytechnic, Cannanore	114	2	100	3	79	3	293	8
8	I.P.T., Shoranur	6	2	6	5	8	4	20	11
9	S.R.P., Valappad	38	8	54	8	70	6	162	22
10	S.N. Polytechnic, Kottiyam	81	9	94	10	81	6	256	25
11	N.S.S. Polytechnic, Pandalam	32	3	39	3	55	2	126	8
12	Carmel Polytechnic, Perinthalamanna (Alleppey)..	52	2	50	10	38	4	140	16
13	T.P.T. Alagappanagar	39	4	55	7	55	10	149	21
14	S S M. Polytechnic, Tirur	70	..	80	6	65	..	215	6
15	S.N. Polytechnic, Kanhnangad	22	..	23	..	11	..	56	..
	Total	899	66	873	85	814	61	2586	212

APPENDIX VI (c)—(cont)

Serial number	Polytechnics	Scheduled Castes/Scheduled Tribes							
		I year		II year		III year		Total	
		M.	F.	M.	F.	M.	F.	M.	F.
		11	12	13	14	15	16	17	18
1	Central Polytechnic, Trivandrum	43	8	33	8	13	..	89	16
2	Government Polytechnic, Kottayam	8	1	5	..	6	1	19	2
3	" Kalamassery	6	2	6	2	4	1	16	5
4	M T I., Trichur	5	..	7	2	2	1	14	3
5	Government Polytechnic, Perinthalmanna	6	..	1	..	8	..	15	..
6	Kerala Government Polytechnic, Calicut	32	..	15	1	3	..	50	1
7	Government Polytechnic, Cannanore	9	1	2	..	1	..	12	1
8	I P.T., Shoranur	1	2	..	..	..	..	1	2
9	S R P, Valapad	9	..	5	..	3	..	17	..
10	S N. Polytechnic, Kottiyam	9	2	6	1	7	..	22	3
11	N S.S Polytechnic, Pandalam	9	..	7	2	13	1	29	3
12	Carmel Polytechnic, Perinthalmanna (Alleppey)	10	3	12	1	10	..	32	4
13	T.P.T Alagappanagar	5	..	14	..	7	1	26	1
14	S S.M. Polytechnic, Tirur	17	..	12	..	6	..	35	..
15	S.N. Polytechnic, Kanhangad	1	..	1	..	3	..	5	..
	Total	170	19	126	17	86	5	382	41

Trivandrum Part time IVth year	M.	F.	Total	Part time IVth year	M.	F.	Total
Calicut	9	..	9	"	1	..	1
Trichur	3	..	3	"	..	..	..
Total	27			Total	3		

APPENDIX VII (a)
WOMEN'S POLYTECHNICS
Sanctioned intake during 1976-77

11/1143-5a

Sl. No.	Polytechnics	Electronics 3 years	Diploma in Commercial practice 3 years	Costume Design and Dress Making 2 years	Instrument Technology 3 years
1	Trivandrum ..	..	50	30	15
2	Trichur ..	45	50	30	..
3	Calicut ..	..	50	30	.
	Total ..	45	150	90	15

APPENDIX VII (b)
Actual intake for 1976-77

Sl. No.	Polytechnics	Electronics 3 years	Diploma in Commercial practice 3 years	Costume Design and Dress Making 2 years	Instrument Technology 3 years
1	Trivandrum ..	.	50	30	15
2	Trichur ..	45	50	24	..
3	Calicut ..	..	50	30	..
	Total ..	45	150	84	15

APPENDIX VII (c)
Number of B.C., S C./S.T. students admitted during 1976-77

Sl. No.	Polytechnics	B C. students	S.C./S.T.
1	Trivandrum ..	23	23
2	Trichur ..	29	14
3	Calicut ..	56	5
	Total ..	108	42

APPENDIX VII (d)
Total students during 1976-77

Serial number	POLYTECHNICS	Electronics			D.C.P			Instrument Techno-logy			C D. and D.M.		Total	
		Ist	2nd	3rd	Ist	2nd	3rd	Ist	2nd	3rd	Ist	2nd		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1	Trivandrum	..	.	.	50	50	48	15	15	15	30	26	249
2	Trichur	..	43	42	50	46	49	..	..	..	24	27	329
3	Calicut	..	..	..	50	48	45	.	..	..	28	27	198
	Total	..	43	42	48	150	144	142	15	15	15	82	80	776

APPENDIX VII (e)
Total strength of B.C., S.C./S.T. students during 1976-77

Sl. No.	Polytechnics	Backward Communities			S C./S.T.			
		Ist	2nd	3rd	Ist	2nd	3rd	
1	2	3	4	5	6	7	8	
1	Trivandrum	..	33	24	15	23	27	17
2	Trichur	..	43	41	36	14	4	6
3	Calicut	..	56	38	25	5	10	5
	Total	..	132	103	76	42	41	28

APPENDIX VIII

SANCTIONED INTAKE, ACTUAL INTAKE, B.C. AND S.C./S.T., TOTAL STRENGTH, TOTAL NUMBER OF B.C AND S.C./S.T DURING 1976-77

Serial number	Junior Technical Schools	Sanctioned intake	No. of students admitted		No. of B.C. students admitted		No. of S.C./S.T. students admitted		Total strength of the institution						Total	
									I year		II year		III year			
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Attingal	60	53		30	..	12		66	..	59		56	..	181	..
2	Nedumangad	60	46	1	27	..	6	1	46	1	51	1	54	3	151	5
3	Adoor	60	59	1	10	..	6	1	64	2	65	..	54	..	183	2
4	Ezhukone	60	65	1	14	..	10	..	65	1	64	..	54	..	183	1
5	Sherthala	60	60	..	..	..	9	..	64	..	66	..	53	..	183	..
6	Krishnapuram	60	54	..	36	..	9	..	66	..	58	..	42	..	166	..
7	Pampady	60	60	..	14	..	8	..	64	..	63	..	52	..	179	..
8	Palai	60	53	3	8	1	8	1	63	3	57	3	46	2	166	8
9	Perumbavoor	60	48	7	19	2	4	1	60	7	60	..	52	2	172	9
10	Koratty	60	57	..	7	..	8	..	66	..	63	..	48	..	177	..
11	Kodungalloor	60	53	..	38	..	8	..	66	..	56	..	46	..	168	..
12	Trichur	60	60	..	16	..	4	..	67	..	62	..	40	..	169	..
13	Kunnamkulam	60	52	..	22	..	8	..	65	1	51	3	38	4	154	8
14	Chittur	60	50	..	32	..	10	..	66	..	58	..	55	..	179	..
15	Shornur	60	60	6	33	2	6	1	60	6	45	9	34	4	139	19
16	Calicut	60	60	..	39	..	5	..	66	..	66	..	40	..	172	..
17	Badagara	30	29	..	22	..	3	..	33	..	33	..	30	..	96	..
18	Manjeri	60	53	..	24	..	11	..	66	..	52	..	37	..	155	..
19	Cannanore	60	54	2	38	2	1	1	62	3	58	2	39	3	159	8
20	Cheruvathoor	60	44	3	25	2	2	1	60	3	49	3	30	2	139	8
21	Mattannur	60	54	..	24	..	5	..	60	..	45	..	40	..	145	..
	Total	1230	1124	24	478	9	143	7	1295	27	1181	21	940	20	3416	68

APPENDIX VIII—(cont.)

Serial number	Junior Technical School	No. of B.C. students on rolls						No. of S.C./S.T. students on rolls					
		I year		II year		III year		I year		II year		III year	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
		18	19	20	21	22	23	24	25	26	27	28	29
1	Attingal	30	.	29	..	33	..	12	.	14	..	8	..
2	Nedumangad	27	..	25	.	24	..	6	1	7	..	5	..
3	Adoor	11	..	8	.	16	..	6	1	5	.	5	..
4	Ezhukone	14	..	10	.	11	..	10	..	7	.	7	..
5	Sherthala	..	.	..	.	..	..	9	..	7	..	5	..
6	Krishnapuram	39	..	37	.	28	..	11	.	5	..	3	..
7	Pampady	14	..	13	.	13	..	8	..	9	..	8	..
8	Palai	8	1	17	1	12	1	7	1	5	1	6	1
9	Perumbavoor	21	2	14	.	17	2	5	1	9	..	1	..
10	Koratty	10	..	5	.	8	..	6	.	7	..	8	..
11	Kodungalloor	45	.	46	.	36	..	11	..	5	..	4	..
12	Trichur	16	..	20	.	15	..	4	.	2	..	1	..
13	Kunnamkulam	26	..	21	.	16	..	12	1	7	3	8	3
14	Chittur	39	.	34	.	19	..	10	..	7	..	9	..
15	Shornur	33	2	21	3	22	1	6	1	4	2	2	2
16	Calicut	39	..	35	.	23	..	5	..	9	..	3	..
17	Badagara	23	..	26	..	22	..	3	..	..	..	.	..
18	Manjeri	24	..	19	..	23	..	17	..	18	..	4	..
19	Cannanore	47	2	38	1	31	2	1	1	1	1	..	..
20	Cheruvathoor	25	2	34	..	20	..	2	1	2	4	1	..
21	Mattannur	24	.	30	.	27	..	5	..	4	..	3	..
	Total	515	9	482	5	416	6	156	8	134	11	91	6

APPENDIX IX

Pre-vocational Training Centres

SANCTIONED INTAKE, ACTUAL INTAKE, TOTAL STRENGTH, B.C STUDENTS, S.C./S.T. AND OUTTURN DURING 1976-77

Serial number	Institution	Sanctioned intake	Number admitted		Number of B C. students admitted		Number of S C /S.T admitted		Total strength		Number of B C. students on rolls		Number of S.C./S.T. students on rolls		Number of students appears for examination		Number passed in the examination	
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Atingal	30	37	..	13	..	8	..	88	..	52	..	22	..	29	..	14	..
2	Kodungallur	30	23	..	17	..	5	..	77	..	63	..	10	..	22	..	16	..
3	Manjeri	30	18	12	7	8	9	3	50	39	24	24	20	13	11	18	7	12
4	Cannanore	15	..	3	..	3	..	..	..	23	..	23	..	..	..	14	..	13
	Total	105	78	15	37	11	22	3	215	62	132	47	52	13	62	32	37	25

APPENDIX X

Government Commercial Institutes

SANCTIONED INTAKE, ACTUAL INTAKE, TOTAL STRENGTH, B.C. AND S C./S.T. STUDENTS AND OUTTURN DURING 1976-77

Serial number	Institution	Sanctioned intake	Number admitted		Number of B.C students admitted		Number of S C / S.T. admitted		Total strength		Number of B C. students on rolls		Number of S C./S.T students on rolls		Number of students appears for examination		Number passed in the examination	
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Trivandrum	60 for each	21	27	..	.	..	.	N. A.		..	..	..	..	..	..	..	..
2	S.H and Typewriting, Trivandrum	30	22	8	10	2	3	1	25	10	11	2	3	1	9	2	2	2
3	Ernakulam	60 for each course	53	99	23	27	4	6	53	99	33	57	6	8	..	N A.	..	..
4	Manjeri	60 for each	41	10	26	3	.	1	56	14	36	5	.	1	23	6	14	4

APPENDIX XI(a)
Art Institutions

SANCTIONED INTAKE, ACTUAL INTAKE, TOTAL STRENGTH, B C AND S.C /S T. STUDENTS AND OUTTURN DURING 1976-77

Serial number	Institutions	Sanctioned intake	Number admitted		Number of B C students admitted		Number of S C /S T admitted		Total strength		Number of B C. students on rolls		Number of S C /S.T. students on rolls		Number of students appears for examination		Number passed in the examination		
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	College of Fine Arts, Trivandrum	30	28	2	17	1	4			79	4	45	1	7	.	15	1	12	..
2	Ravi Varma Institute	60	38	6	13	2	6	.		75	9	22	3	16	..	24	3	19	3
3	Institute of Fine Arts, Trichur	25	20	7	8	3	4	2		37	20	13	1	..	..	2	2	2	2
	Total	115	86	15	38	6	14	2		191	33	80	5	23	..	41	6	33	5

APPENDIX XI. (b)

Sanctioned intake, actual intake, total strength, B.C. and S.C./S T students and outturn during 1976-77.

Serial number	Institution	Sanctioned intake	No. admitted		No. of B C. students admitted		No. of S C / S T. admitted		Total Strength	
			M	F	M.	F.	M.	F	M.	F
1	2	3	4	5	6	7	8	9	10	11
1	Tailoring and Garment making Training Centre, Pattom	60	..	60	..	15	..	27	..	60
2	" Thevally	20	..	20	..	9	..	2	..	20
3	" Kanjikuzhi	20	..	20	..	7	..	3	..	20
4	" Thripunithura	40	..	40	..	6	..	4	..	40
5	" Narakkal	40	..	40	..	2	..	3	..	37
6	" Trichur	40	..	40	..	15	..	3	..	40
7	" Kalpathy	20	..	20	..	5	..	1	..	20
8	" Kondotty	20	..	20	..	6	..	6	..	20
9	" Badagara	20	..	20	..	10	..	2	..	20
10	" Dharmadam	20	..	25	..	13	..	7	..	25
11	" Payyanur	20	..	20	..	6	..	4	..	20
	Total	320	..	325	..	94	..	62	..	322
12	Tailoring trade School, Haripad	20	..	20	..	6	..	4	..	20
13	" Devikulam	14	..	12	..	4	..	8	..	12
	Total	34	..	32	..	10	..	12	..	32

APPENDIX XI (b)—(cont)

Serial number	Institution	No. of B.C. students on rolls		No. of S.C. / S.T. on rolls		No. appeared for exam.		No. passed for exam.		Remarks
		M	F	M	F.	M.	F.	M	F.	
		12	13	14	15	16	17	18	19	20
1	Tailoring and Garment making Training Centre, Pattom	..	15	.	27	.	45	..	18	..
2	.. Thevally	..	9	..	2	..	19	..	18	..
3	.. Kanjikuzhi	..	7	..	3	..	23	..	18	..
4	.. Thripunithura	..	6	..	4	..	40	..	34	..
5	.. Narakkal	..	2	..	3	..	42	..	26	..
6	.. Trichur	..	15	..	3	..	33	..	33	..
7	.. Kalpathy	..	5	..	1	..	16	..	13	..
8	.. Kondotty	..	6	..	6	..	20	..	8	..
9	.. Badagara	..	10	..	2	..	19	..	15	..
10	.. Dharmadam	..	13	..	7	..	24	..	22	..
11	.. Payyannur	..	6	..	4	..	20	..	5	..
	Total	..	94	..	62	..	301	..	210	..
12	Tailoring Trade School, Haripad	..	6	..	4	..	20	..	2	..
13	.. Devikulam	..	4	..	8	..	9	..	1	..
	Total	..	10	..	12	..	29	..	3	..

APPENDIX XI (b)—(cont)

Serial number	Institution	Sanctioned intake	No. admitted		No. of B C. students admitted		No. of S.C./ S. T. admitted		Total Strength	
			M.	F.	M	F	M.	F	M	F.
1	2	3	4	5	6	7	8	9	10	11
14	Government Industrial School, Irinjalakuda	20	..	20	.	6	.	6	..	33
15	,, Vadakkancherry	20	.	20	.	4	.	5	.	40
	Total	40	..	40	.	10	..	11	..	73
16	T.T.C. Parassala	20	.	18	..	1	.	4	..	20
17	,, Pachalloor	20	.	14	.	7	..	6	.	20
18	,, Karimkulam	15	.	15	.	5	..	8	.	15
19	,, Kanjiramkulam	12	..	12	.	8	..	4	.	12
20	,, Kandala	20	.	19	.	14	.	3	.	20
21	,, Chirayinkil	20	.	19	.	2	..	5	..	19
22	,, Chengannur	15	.	15	.	5	.	4	.	15
	Total	122	.	112	..	42	..	34	..	121
23	Weaving Training Centre, Aralummood	30	11	18	4	..	5	14	11	18
24	C.P.C. Vattiyoor kavu	30	24	6	4	1	4	1	19	6
25	R.T.C Paraiyam	10	4	6	.	1	4	5	4	6
26	B.B.C. Manacaud	30	16	14	7	6	3	4	12	14
27	,, Kulathoor	30	17	13	8	6	4	5	17	13
	Total	60	33	27	15	12	7	9	29	27

APPENDIX XI (b)—(cont.)

Serial number	Institution	No. of B.C. students on rolls		No of S C / S T. on rolls		No. appeared for exam.		No. passed for exam.		Remarks
		M.	F	M.	F.	M	F.	M.	F	
		12	13	14	15	16	17	18	19	20
14	Government Industrial School, Irinjalakuda	..	10	..	15	.	29	.	23	..
15	,, Vadakkancherry	..	8	.	8	.	19	..	18	..
	Total	..	18	..	23	..	48	.	41	..
16	T.T.C. Parassala	..	1	..	4	.	18	..	11	..
17	,, Pachalloor	..	7	..	6	..	9	..	7	..
18	,, Karimkulam	..	5	.	8	..	18	..	10	..
19	,, Kanjiramkulam	..	8	.	4	.	12	..	5	..
20	,, Kandala	..	14	.	3	.	13	..	4	..
21	,, Chirayinkil	..	2	..	5	..	15	.	7	..
22	,, Chengannur	..	5	.	4	..	14	.	13	..
	Total	..	42	.	34	.	99	.	57	.
23	Weaving Training Centre, Aralummood	..	4	..	5	11	15	11	15	..
24	C P.C. Vattiyorkavu	..	4	1	4	17	..	..	N.A.	..
25	R T C. Pariyaram	..	..	1	4	5	..	..	.	..
26	B B C Manacaud	..	4	6	3	4	13	13	N.A.	..
27	,, Kulathoor	..	8	6	4	5	15	12	N.A.	..
	Total	..	12	12	7	9	28	25	.	..

APPENDIX XII (a)
Number of students appeared and passed for final examination 1976-77
 (Number of students appeared)

Serial number	Engineering Colleges	C		M.		E		Part-time		Tele-communication Engineering		Chemical Engineering		Architecture	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	College of Engineering, Trivandrum ..	38	12	57	..	43	12	..	..	42	2	..	..	10	..
2	College of Engineering, Trichur ..	24	2	65	..	34	2	..	..	..	..	45	2	..	..
3	T K.M. College of Engineering, Qulon ..	37	9	40	..	44	4	..	..	..	..	..	..	..	..
4	M.A. College of Engineering, Kothamangalam ..	23	7	28	..	31	1	..	..	..	..	..	..	..	..
5	N.S.S. College of Engineering, Palghat ..	21	..	29	..	30	..	..	..	..	..	..	..	..	..
6	Regional Engineering College, Calicut ..	56	2	74	..	52	1	..	..	..	..	..	..	..	..

APPENDIX XII (a)—(cont.)
(Number of students passed)

Serial number	Engineering Colleges	C.		M.		E.		Part-time		Tele-communication Engineering		Chemical Engineering		Architecture	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Engineering College, Trivandrum	37	10	45	..	36	12	.	..	35	2	..	..	3	..
2	Engineering College, Trichur	10	1	30	1	17	1	..	..	..	.	29	1	.	..
3	T.K.M. College of Engineering, Quilon	33	9	33	.	34	4	..	..	.	..	..	..	..	..
4	M A. College of Engineering, Kothamangalam	22	7	26	..	30	1	..	.	..	..	..	..	..	..
5	N S S. Polytechnic, Palghat	13	..	18	..	18	..	..	..	..	..	..	..	..	..
6	Regional Engineering College, Calicut	44	2	63	..	42	1	..	..	..	..	..	..	..	..

APPENDIX XII (b)

No of students appeared for final examination during 1976-77

Serial number	Polytechnics	Number appeared													
		C.		M.		E		Part-time		Automobile		Electronics		Textile Technology	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Central Polytechnic, Trivandrum	22	2	38		43	1	.	..	..	.	20	.	22	..
2	Government Polytechnic, Kottayam	27	3	31		38	.	..		..	.	.	.	.	..
3	Government Polytechnic, Kalamassery	18	17	18	..	43	.	13	.	23	.	.	.	..	..
4	Maharaja's Technology, Trichur	46	3	35	.	35	.	14	.			..	.	..	..
5	Government Polytechnic, Perinthalmanna	28	3	24	.	38	..	.	.	.	.	.	.	.	..
6	Kerala Government Polytechnic, Calicut	33	5	33	.	50		10	.	.	.	.	.	.	..
7	Government Polytechnic, Cannanore	36	1	15	.	37	2	.	.	.	..	..	.	20	..

APPENDIX XII (b)—(cont.)

11/1148-9

Serial number	Polytechnics	Number appeared												
		P. D in Industrial Electronics		T.T. Certificate		Printing Technology		Chemical Engineering		Chemical Technology		Craft course		Total
		M	F	M	F	M	F	M	F	M	F	M	F	
17	18	19	20	21	22	23	24	25	26	27	28	29		
1	Central Polytechnic, Trivandrum	..	..	.	20	5	.	.	..	..	.	8	16	197
2	Government Polytechnic, Kottayam	..	.	..	.	.	..	..	.	.	.	.	.	99
3	Government Polytechnic, Kalamassery	.	.	.	..	..	..	..	..	17	.	.	.	149
4	Mabaraja's Technology, Trichur	..	.	..	..	..	..	..	..	..	.	.	.	133
5	Government Polytechnic, Perinthalmanna	..	..	.	.	..	.	.	.	.	.	.	.	93
6	Kerala Government Polytechnic, Calicut	..	..	.	..	..	..	21	.	..	.	.	.	152
7	Government Polytechnic, Cannanore	..	..	.	..	..	..	.	.	..	.	.	.	111

APPENDIX XII (b)—(cont)

Serial number	Polytechnics	Number appeared													
		C.		M.		E.		Part-time		Automobile		Electronics		Textile Technology	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
8	Institute of Printing Technology, Shoranur	.	..	..	.	.	.	.	.	.	.	.	.	.	..
9	Sree Rama Polytechnic, Valapad	29	9	11	.	31	.	.	.	.	.	.	..	.	..
10	Sree Narayana Polytechnic, Kottiyam	34	5	56	5	24	.	.	.	.	.	.	..	..	..
11	N S S Polytechnic, Pandalam	45	5	52	.	36	.	.	.	.	.	.	.	.	..
12	Carmel Polytechnic, Punnapra	31	5	35	.	45	3	.	.	.	..	.	.	..	.
13	Thyagarajar Polytechnic, Alagappanagar	31	14	44	.	48	3	..	..	.	.	.	.	..	..
14	S S M. Polytechnic, Tirur	13	5	10	..	20	.	.	..	.	.	24	..	..	..
15	S. N. Polytechnic, Kanhagad	.	..	14	..	.	.	.	.	17	.	.	..	.	..
	Total	393	77	416	5	488	9	37	..	40	..	44	.	42	.

APPENDIX XII (b)—(cont.)

11/1143—6a

Serial number	Polytechnics	Number appeared												Total
		P.D. in Industrial Electronics		T.T. Certificate		Printing Technology		Chemical Engineering		Chemical Technology		Craft course		
		M	F	M	F	M	F	M	F	M	F	M	F	
		17	18	19	20	21	22	23	24	25	26	27	28	29
8	Institute of Printing Technology, Shoranur	..	..	..	..	17	5	..	..	..	..	..	..	22
9	Sree Rama Polytechnic, Valapad	..	..	..	..	..	..	..	..	..	..	..	..	80
10	Sree Narayana Polytechnic, Kottiyam	..	..	..	..	..	..	..	..	..	..	..	..	124
11	N. S. S. Polytechnic, Pandalam	..	..	..	..	..	..	..	..	..	..	..	..	138
12	Carmel Polytechnic, Punnapra	..	..	..	..	..	..	..	..	..	..	..	..	119
13	Thyagarajar Polytechnic, Atagappanagar	..	..	..	..	..	..	..	..	..	..	..	..	140
14	S.S.M. Polytechnic, Tirur	..	..	..	..	..	..	..	..	..	..	..	..	72
15	S.N. Polytechnic, Kanhagad	..	..	..	..	..	..	..	..	..	..	..	..	31
	Total	..	..	20	5	17	5	21	..	17	..	8	16	1660

APPENDIX XII (b)

Number of students passed during final examination during 1976-77

Serial number	Polytechnics	No passed														
		C		M.		E		Part-time		Automobile		Electronics		Textile Technology		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1	Central Polytechnic, Trivandrum	..	6	..	17	..	15	.	..	..	..	.	19	..	19	..
2	Government Polytechnic, Kottayam	..	7	..	13	..	27	..	.	..	.	.	..	..	..	..
3	Government Polytechnic, Kalamasery	.	14	9	13	.	33	.	7	.	17	.	..	.	.	..
4	Maharaja's Technological Institute, Trichur	.	15	2	9	.	11	.	7	..	..	..	.	.	.	..
5	Government Polytechnic, Perinthalmanna	..	4	2	15	..	24	.	..	..	..	.	.	.	.	..
6	Kerala Government Polytechnic, Calicut	..	22	1	21	.	26	..	4	.	.	.	..	..	..	..
7	Government Polytechnic, Cannanore	.	12	..	7	.	16	1	.	..	.	.	..	..	14	..

APPENDIX XII (b)—(cont.)

Serial number	Polytechnics	No. passed												Total
		P D in Industrial Electronics		T T Certificate		Printing Technology		Chemical Engineering		Chemical Technology		Craft course		
		M	F	M	F	M	F	M	F	M	F	M	F	
		17	18	19	20	21	22	23	24	25	26	27	28	29
1	Central Polytechnic, Trivandrum	..	..	..	11	2	.	..	.	..	..	8	16	113
2	Government Polytechnic, Kottayam	..	.	..	..	..	..	..	.	..	..	..	..	47
3	Government Polytechnic, Kalamassery	..	..	.	..	..	.	..	..	14	..	.	..	107
4	Maharaja's Technological Institute, Trichur	..	..	..	.	..	..	..	..	..	..	..	..	44
5	Government Polytechnic, Perinthalmanna	..	..	..	.	..	..	..	..	..	.	..	..	45
6	Kerala Government Polytechnic, Calicut	..	.	..	..	.	..	12	..	..	..	..	..	86
7	Government Polytechnic, Cannanore	.	.	.	..	..	..	..	.	..	..	..	..	50

APPENDIX XII (b)--(cont.)

Serial number	Polytechnics	No. passed													
		C.		M.		E.		Part-time		Automobile		Electronics		Textile Technology	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
8	Institute of Printing Technology, Shoranur	..	..	..	..	..	..	..	..	..	..	..	..	..	..
9	Sree Rama Polytechnic, Valapad	..	11	3	2	..	10	..	..	..	..	..	..	..	..
10	S. N. Polytechnic, Kottiyam	..	5	..	42	2	4	..	..	..	..	..	..	..	..
11	N. S. S. Polytechnic, Pandalam	..	15	4	28	..	19	..	..	..	..	..	..	..	..
12	Carmel Polytechnic, Punnappa	..	15	1	24	..	30	3	..	..	..	..	..	..	..
13	Thyagarajar Polytechnic, Alagappanagar	..	17	3	23	..	24	3	..	..	..	..	..	..	..
14	S. S. M. Polytechnic, Tirur	..	7	2	4	..	13	..	..	..	..	22	..	..	..
15	S. N. Polytechnic, Kanhagad	..	..	..	11	..	..	..	..	13	..	..	..	..	..
	Total	..	150	27	229	2	252	7	18	..	30	..	41	..	33

APPENDIX XII (b) (cont.)

Serial number	Polytechnics	No. passed												Total
		P. D. in Industrial Electronics		T. T. Certificate		Printing Technology		Chemical Engineering		Chemical Technology		Craft course		
		M	F	M	F	M	F	M	F	M	F	M	F	
		17	18	19	20	21	22	23	24	25	26	27	28	29
8	Institute of Printing Technology, Shoranur	..	..	..	..	11	2	..	..	..	..	..	..	13
9	Sree Rama Polytechnic, Valapad	..	..	..	..	..	..	..	..	..	..	..	..	26
10	S. N. Polytechnic, Kottiyam	..	..	..	..	..	..	..	..	..	..	..	..	53
11	N. S. S. Polytechnic, Pandalam	..	..	..	..	..	..	..	..	..	..	..	..	66
12	Carmel Polytechnic, Punnapra	..	..	..	..	..	..	..	..	..	..	..	..	73
13	Thyagarajar Polytechnic, Alagappanagar	..	..	..	..	..	..	..	..	..	..	..	..	70
14	S. S. M Polytechnic, Tirur	..	..	..	..	..	..	..	..	..	..	..	..	48
15	S N. Polytechnic, Kanhangad	..	..	..	..	..	..	..	..	..	..	..	..	24
	Total	..	..	11	2	11	2	12	..	14	..	8	16	865

APPENDIX XII (c)

Number of students appeared and passed for final examination during 1976-77

Serial number	Women's Polytechnic	No. appeared— Electronics	No. appeared—D.C.P.	No. appeared—Institute of Technology	No. appeared—C D. and D M.	Number passed			
						Electronics	D.C.P	Institute of Techno- logy	C.D. and D.M.
1	2	3	4	5	6	7	8	9	10
1	Trivandrum ..		36	9	26		10	6	8
2	Trichur ..	45	45		21	24	25	.	13
3	Calicut ..		43	.	26	.	28		18
	Total ..	45	124	9	73	24	63	6	39

APPENDIX XII (d)

Number of students appeared and passed during 1976—77

Sl. number	Junior Technical Schools	No. appeared			No. passed		
		M.	F.	Total	M.	F.	Total
1	2	3	4	5	6	7	8
1	Attingal ..	53	..	53	28	..	28
2	Nedumangad ..	42	2	44	17	..	17
3	Adoor ..	50	1	51	20	..	20
4	Ezhukone ..	54	..	54	28	..	28
5	Sherthalai ..	55	..	55	32	..	32
6	Krishnapuram ..	42	..	42	11	..	11
7	Pampady ..	50	..	50	23	..	23
8	Palai ..	42	2	44	15	..	15
9	Perumbavoor ..	52	2	54	49	2	51
10	Koratty ..	45	..	45	32	..	32
11	Kodungalloor ..	46	..	46	30	..	30
12	Trichur ..	36	..	36	21	..	21
13	Kunnankulam ..	33	4	37	23	2	25
14	Chittoor ..	34	..	34	9	..	9
15	Shoranur ..	33	4	37	29	2	31
16	Calicut ..	40	..	40	10	..	10
17	Badagara ..	26	..	26	23	..	23
18	Manjeri ..	37	..	37	14	..	14
19	Cannanore ..	39	3	42	32	3	35
20	Cheruvathoor ..	30	2	32	28	2	30
21	Mattannoor ..	31	..	31	19	..	19
	Total ..	870	20	890	493	11	504

APPENDIX XIII
Engineering Colleges
 (LIBRARY FACILITIES)

Serial number	Colleges	No. of library books purchased (a)	No of journals contributed (b)	Amount spent on this account Rs. (c)	Total No. of library books (d)	Total journals (e)
1	2	3	4	5	6	7
1	Engineering College, Trivandrum ..	1170	55	20,495.00	32323	202
2	Engineering College, Trichur ..	368	30	26,983.33	22179	6219
3	T.K.M. College, Quilon ..	102	15	4,089.70	12286	70
4	Mar Athanasius College, Kothamangalam ..	1009	8	675.66	11013	97
5	N S S. College, Palghat ..	295	75	12,307.27	16060	969
6	Regional Engineering College, Calicut ..	1248	254	1,66,550.90	20744	254
	Total	4192	437	2,31,101.86	114605	9611

APPENDIX XIII—(cont.)

Serial number	Colleges	No. of library books purchased	No. of journals contributed	Amount spent on this account Rs.	Total number of library books	Total journals
1	2	3	4	5	6	7
	POLYTECHNICS					
1	Central Polytechnic, Trivandrum ..	685	3	9,590 00	12550	230
2	Government Polytechnic, Kottayam .	477	4	7,000 00	4773	
3	Do. Kalamassery ..	225	..	5,958 81	6858	123
4	M.T I., Trichur ..	282	13	2,944 60	5727	..
5	Government Polytechnic, Perinthalmanna ..	457	..	5,472 55	6894	..
6	Kerala Government Polytechnic, Calicut ..	531	..	7,238.97	10144	7895
7	Government Polytechnic, Cannanore ..	199	21	3 060.00	4464	21
8	Institute of Printing Technology, Shoranur ..	126	4	1,434 16	1303	33
9	S.N Polytechnic, Kottiyam .	193	3	2,7.9 03	2619	120
10	N.S S Polytechnic, Pandalam ..	673	38	2,752 00	5207	38
11	Carmel Polytechnic, Alleppey ..	64	27	773 15	2291	27
12	Thiagarajar Polytechnic, Alagappanagar .	515	795	5,328 18	5652	795

APPENDIX XIII—(cont.)

Serial number	Colleges	No. of library books purchased	No. of journals contributed	Amount spent on this account Rs.	Total number of library books	Total journals
1	2	3	4	5	6	7
	POLYTECHNICS—(cont.)					
13	S R. Polytechnic, Valapad ..	316	10	5,664 00	2643	11
14	S.S.M Polytechnic, Tirur ..	142	28	2,199.75	2775	28
15	Swamy Nithyananda Polytechnic, Kanhangad ..	44	7	1,314.97	699	7
	Total ..	4929	953	63,450.17	74599	9328
	WOMEN'S POLYTECHNICS					
1	Women's Polytechnic, Trivandrum ..	623	11	3,000.00	3252 00	11
2	Do. Trichur ..	351	..	5,974 65	1870.00	..
3	Do. Calicut ..	124	.	996 53	2369.00	..
	Total ..	1098	11	9,971 24	7500.00	11

APPENDIX XIII—(cont.)

Serial number	Name	No. of library books purchased	No of journals contributed	Amount spent on this account	Total No. of library books
1	2	(a)	(b)	Rs. (c)	(d)
	JUNIOR TECHNICAL SCHOOL				
1	Attingal	296	..	495-36	761
2	Nedumangad	53	..	498 52	800
3	Adoor	55	..	1,500 00	768
4	Ezhukone	75	..	354 73	906
5	Shertallai	75	..	593-75	790
6	Krisnapuram	401	..	1,929 90	786
7	Pampady	54	..	759 00	597
8	Palai	4	..	5 90	505
9	Perumbavoor	57	..	315-70	883
10	Koratty	37	..	493 00	509
11	Kodungallur	64	..	536 62	519
12	Trich r	20	..		602
13	unnamkulam	40	..	493 75	775
14	Chittur	151	..	879-57	664
15	Shoranur	61	..	490 86	802
16	Calicut	314	..	1,832 05	1313
17	Badagara	70	..	530 00	690
18	Manjeri	233	..	165 20	639
19	Cannanore	36	..	447 89	36
20	Cheruvathoor	..	..
21	Mattannur	45	..	539 33	1033
	Total	2141	..	12,861 13	14378

APPENDIX XIV

Hostel facilities

Serial number	Name of institution	Number of hostels	Intake capacity	Number of students admitted	Total number of inmates in hostel	Number of wardens and Dy. wardens	Other facilities
1	2	3	4	5	6	7	8
ENGINEERING COLLEGES							
1	Engineering College, Trivandrum	2	500	434	434	1	..
2	Trichur	3	404	404	404	1	..
3	T K M., Quilon	2	300	228	228	3	..
4	M A. College of Engineering, Kothamangalam	3	242	20	20	4	..
5	N.S.S. College of Engineering Palghat	2	300	250	250	5	..
6	Regional Engineering College, Calicut	6	1161	245	1125	6	Recreation facilities
Total		..	18	2907	1791	2671	20
POLYTECHNICS							
1	Central Polytechnic, Trivandrum	..	1	165	137	152	1
2	Government Polytechnic, Kottajam	..	1	90	58	75	1
3	Kalamassery	..	2	271	155	187	1
4	M.T.I., Trichur	..	1	108	90	112	1
5	Government Polytechnic, Perinthalmanna	..	1	180	55	55	2
6	Kerala Government Polytechnic, Calicut	..	2	280	292	263	1
7	Government Polytechnic, Cannanore	..	1	180	74	85	1
8	Institute of Printing Technology, Shoranur	..	..	..	..	..	..

9	S N. Polytechnic, Kottiyam	..	1	85	101	81	1		
10	N S.S. Polytechnic, Pandalam	..	1	104	99	99	2	Reading .. room. Radio with record player	
11	Carmel Polytechnic, Alleppey	..	1	150	110	110	1	..	
12	Thiagarajar Polytechnic, Alagappanagar	..	2	270	155	142	2	Recreation .. hall	
13	S R.P. Valapad	..	..	..	..	..	..	..
14	S S M. Polytechnic, Tirur	..	1	165	107	190	2	Two guest rooms.	
15	S N. Polytechnic, Kanhangad	..	1	60	57	57	1		
Total			..	16	2108	1490	17		
WOMEN'S POLYTECHNICS									
1	Women's Polytechnic, Trivandrum	..	1	33	33	33	1	..	
2	.. Trichur	..	1	120	33	90	1	..	
3	.. Calicut	..	1	70	45	48	1	Indoor games and Radio	
Total			..	3	223	111	3		

APPENDIX XV

Total number of Staff as on 31st March 1977

Sl. number	Name of institution	Class I			Class II			Class III			Class IV			Contingent			Total
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
ENGINEERING COLLEGES																	
1	Engineering College, Trivandrum	48	3	51	116	18	134	157	13	170	10	3	13	..	..	..	368
2	Engineering College, Trichur	29	..	29	68	10	78	114	10	124	23	3	26	..	..	..	257
3	T.K.M. College of Engineering, Quilon	21	1	22	45	2	47	66	3	69	15	..	15	..	..	..	153
4	M.A. College, Kothamangalam	20	2	22	34	2	36	74	..	74	14	2	16	..	..	..	148
5	N.S.S. College of Engineering, Palghat	16	..	16	43	..	43	65	2	67	14	..	14	..	..	..	140
6	Regional Engineering College, Calicut	9	..	9	117	5	122	157	16	173	66	..	66	..	..	..	370
	Total	143	6	149	423	37	460	633	44	677	142	8	150	..	..	..	1436
POLYTECHNICS																	
1	Central Polytechnic, Trivandrum	1	..	1	46	10	56	49	8	57	50	..	50	5	6	11	175
2	Government Polytechnic, Kottayam	1	..	1	16	3	19	42	5	47	13	4	17	..	6	6	90

3	Government Polytechnic, Kalamassery	1	.	1	29	8	37	57	5	62	18	6	24	..	..	..	124
4	M.T.I., Trichur	1	.	1	28	4	32	46	4	50	12	..	12	..	..	..	95
5	Government Polytechnic, Perinthalmanna	1	..	1	14	1	15	39	3	42	15	.	16	3	4	7	81
6	Kerala Government Polytechnic, Calicut	1	..	1	20	1	21	97	11	108	23	1	24	2	7	9	163
7	Government Polytechnic, Cannanore	1	.	1	23	.	23	42	3	45	14	5	19		6	6	94
8	Institute of Printing Technology, Shoranur	1	..	1	6	..	6	11	2	13	3	..	3	.	.	..	23
9	Sree Rama Polytechnic, Valapad	1	.	1	17	2	19	30	8	38	8		8	.	5	5	71
10	S. N Polytechnic, Kottiyam	1	..	1	22	6	28	34	5	39	4		4	2	1	3	75
11	N. S. S. Polytechnic, Pandalam	1	..	1	26	2	28	37	5	42	12	.	12	..	.	.	83
12	Carmel Polytechnic, Alleppey	1	..	1	22		22	47	..	47	7	1	7	..			78
13	Thyagarajar Polytechnic, Alagappanagar	1		1	24	4	28	36	7	43	9	.	9	2	1	3	84
14	S. S. M Polytechnic, Tirur	1	..	1	26	.	26	47	4	51	11	..	11	.	2	2	91
15	Swamy Nithyananda Polytechnic, Kanhangad	1	..	1	7	..	7	25	..	25	6	..	6	.	1	1	40
	Total	15	..	15	326	41	367	639	70	709	205	18	223	14	39	53	1367
	WOMEN'S POLYTECHNICS																
1	Women's Polytechnic, Trivandrum	1	..	1	4	3	7	15	12	27	4	1	5	..	2	2	42
2	Women's Polytechnic, Trichur	1	..	1	10	8	18	9	8	17	3	1	4	..	.	.	40
3	Women's Polytechnic, Calicut	1	.	1	2	..	2	10	11	21	4	4	8	.	5	5	37
	Total	3	..	3	16	11	27	34	31	65	11	6	17	..	7	7	119

APPENDIX XV—(cont.)

Sl. number	Name of institution	Class I			Class II			Class III			Class IV			Contingent			Total
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	JUNIOR TECHNICAL SCHOOLS																
1	J. T. S. Attingal	..	..	..	4	..	4	27	1	28	5	..	5	5	..	5	42
2	„ Nedumangad	..	..	..	4	..	4	22	4	26	3	..	3	..	..	..	33
3	„ Ezhukone	..	..	..	4	..	4	26	3	29	4	..	4	4	..	..	41
4	„ Adoor	..	..	..	4	..	4	24	2	26	4	..	..	..	..	..	34
5	„ Shertalai	..	..	..	4	..	4	25	2	27	4	..	4	..	..	..	35
6	„ Krishnapuram	..	..	..	4	..	4	25	3	28	4	..	4	..	..	..	36
7	„ Pampady	..	..	..	4	..	4	23	9	32	4	..	4	..	..	..	40
8	„ Palai	..	..	..	4	..	4	26	3	29	4	..	4	..	..	..	37
9	„ Perumbavoor	..	..	..	4	..	4	22	3	25	4	..	4	..	..	..	33
10	„ Koratty	..	..	..	4	..	4	24	5	29	4	..	4	..	..	..	37
11	„ Kodungallur	..	..	..	4	..	4	20	4	24	4	..	4	..	..	..	32
12	„ Trichur	..	..	..	4	..	4	18	6	24	4	..	4	..	3	3	35
13	„ Kunnankulam	..	..	..	4	..	4	23	2	25	4	..	4	..	..	..	33
14	„ Chittoor	..	..	..	4	..	4	25	3	28	4	..	4	..	..	..	36
15	„ Shoranur	..	..	..	4	..	4	26	3	29	4	..	4	..	..	..	37
16	„ Calicut	..	..	..	3	..	3	17	1	18	5	..	5	..	..	..	26
17	„ Badagara	..	..	..	4	..	4	23	1	24	4	..	4	..	..	..	32
18	„ Manjeri	..	..	..	4	..	4	21	2	23	3	1	4	..	..	..	31
19	„ Cannanore	..	..	..	4	..	4	21	3	24	7	..	7	..	..	..	35
20	„ Cheruvathoor...	..	..	..	4	..	4	30	..	30	3	..	3	..	..	..	37
21	„ Mattannur	..	..	..	4	..	4	23	3	25	3	..	3	..	..	..	32
	Total	..	..	..	83	..	83	491	62	553	85	1	86	9	3	17	734

APPENDIX XVI

Total number of posts filled up by Scheduled Castes/Scheduled Tribes as on 31st March 1977

Sl. No.	Name of institution	Class I			Class II			Class III			Class IV			Contingent			Total
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	ENGINEERING COLLEGES																
1	College of Engineering, Trivandrum	1	.	1	1		1	19+1	..	20	8+8	.	16	.	..		38
2	College of Engineering, Trichur	..	..	..	..	..	..	5	2	7	2	1	3	..	..	..	10
3	T. K. M. College, Quilon	..	.	..	..	..	..	..	..	..	5	.	5	..	.		5
4	M. A. College, Kothamangalam	.	..	.	..	.	.	.	.	..	2	..	2	..	.	..	2
5	N. S. S. Engineering College, Palghat	..	..	.	..	..	..	..	..	..	1	.	1	.	.	..	1
6	Regional Engineering College, Calicut	..	..	..	..	..	..	5	..	5	14	.	14		..	.	19
	Total	..	1	..	1	.	1	30	2	32	40	1	41	..	..		75
	POLYTECHNICS																
1	Central Polytechnic, Trivandrum	.	..	.	..	..	..	1	..	1	5	2	7				8
2	Government Polytechnic, Kottayam	..	.	..	..	..	..	2	1	3	1	..	1				4
3	Government Polytechnic, Kalamassery	..	..	..	..	..	..	2	..	2	2	.	2			..	4
4	M T. I., Trichur	..						6		6	.	..	..	..	.	..	6

APPENDIX XVI—(cont.)

St. No	Name of institution	Class I			Class II			Class III			Class IV			Contingent			Total
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
5	Government Polytechnic, Perinthalmanna.	.	..	..	..	..	..	6		6	2	..	2		..	..	8
6	Kerala Government Polytechnic, Calicut ..	.	..	..	..	..	..	4		4	4	..	4	..	..	..	8
7	Government Polytechnic Cannanore ..	.	.	.	..	..	..	1+1	1	3	2	1	3			..	6
8	Institute of Printing Technology, Shoranur.	..	.	..	..	..	..	2	.	2	1	.	1	.	.		3
9	S. R Polytechnic, Valapad ..	..	..	..	..	.		..	.	..	..	.	.				..
10	S. N. Polytechnic, Kottiyam ..	..	..	..	1	.	1	1	.	1	.	..	..	..	..	..	2
11	N. S. S Polytechnic, Pandalem ..	..	..	..	..	..	..			.	2	..	2		..	..	2
12	Carmel Polytechnic, Alleppey ..	..	..	..	..	..	..		..		.	..	..	..	.	..	..
13	Thyagarajar Polytechnic, Alagappanagar ..	.	..	..	..	..	..		.	..	..	1	1	..	..	..	1
14	S. S M Polytechnic, Tirur ..	..	..	..	1	..	1			..	..	..	..	..	.	..	1
15	Swamy Nithyananda Polytechnic, Kanhangad ..	..	..	..	..	..	..	..	.	.	..	.	..	.	..	.	..
	Total	..	..	..	2	..	2	26	2	28	19	4	23	..	..		53

WOMEN'S POLYTECHNICS															
1	Women's Polytechnic, Trivandrum	..	..	..	1	..	1	1	..	1	1	..	1	..	3
2	Women's Polytechnic, Trichur	..	..	..	..	..	..	1	..	1	..	..	1	..	1
3	Women's Polytechnic, Calicut	..	..	..	..	..	..	2	..	2	..	..	..	..	2
	Total	..	..	..	1	..	1	1	3	4	1	..	1	..	6
JUNIOR TECHNICAL SCHOOLS															
1	J T. S., Attingal	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2	„ Nedumangad	..	..	..	..	..	1	..	1	..	..	..	..	..	1
3	„ Ezhukonc	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4	„ Adoor	..	..	..	..	..	5	1	6	2	..	2	..	..	8
5	„ Shertalai	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6	„ Krishnapuram	..	..	..	..	..	1	..	1	..	..	..	..	..	1
7	„ Pampady	..	..	..	..	..	1	..	1	2	..	2	..	..	3
8	„ Palai	..	..	..	..	..	..	..	..	..	..	2	..	..	..
9	„ Perumbavoor	..	..	..	..	..	2	1	3	1	..	1	..	..	4
10	„ Koratty	..	..	..	..	..	1	..	1	..	..	..	..	..	1
11	„ Kodungallur	..	..	..	..	..	1	..	1	..	..	..	..	..	1
12	„ Trichur	..	..	..	..	..	2	1	3	..	..	..	..	..	3
13	„ Kunnankulam	..	..	..	..	..	3	1	4	..	..	..	..	..	4
14	„ Chittur	..	..	..	..	..	..	..	..	1	..	..	..	..	1
15	„ Shoranur	..	..	..	..	..	..	2	4	..	..	1	..	..	4
16	„ Calicut	..	..	..	..	..	2	..	4	..	..	..	..	..	4
17	„ Badagara	..	..	..	..	..	1	1	2	..	..	..	..	..	2
18	„ Manjeri	..	..	..	..	..	3	1	4	2	..	2	..	..	6
19	„ Cannanore	..	..	..	..	..	5	..	5	1	..	..	..	..	6
20	„ Cheruvaihur	..	..	..	..	..	1	..	1	..	..	1	..	..	1
21	„ Mattannur	..	..	..	..	..	1	..	1	1	..	1	..	..	2
	Total	..	..	..	..	..	30	8	38	10	..	10	..	..	48

APPENDIX XVII
Number of teaching personnel (qualification-wise) during 1976-77

Sl. No.	Engineering College	Doctorate			Postgraduate			Degree		
		M	F	S.C./S.T.	M	F	S.C./S.T.	M	F	S.C./S.T.
1	2	3	4	5	6	7	8	9	10	11
	ENGINEERING COLLEGES									
1	Engineering College, Trivandrum, ..	14	..	..	66	9	1	35	3	1
2	Engineering College, Trichur ..	5	..	..	44	4	..	43	1	..
3	T.K.M. College, Quilon ..	1	..	..	40	3	..	35	1	..
4	M.A. College of Engineering, Kothamangalam ..	1	..	..	29	2	..	21	2	..
5	N.S.S. College of Engineering, Palghat ..	..	..	..	37	..	..	19	..	..
6	Regional Engineering College, Calicut ..	24	1	..	76	4	..	..	..	..
	Total	45	1	..	292	22	1	157	7	1
	POLYTECHNICS									
1	Central Polytechnics, Trivandrum ..	..	..	..	2	2	..	7	..	..
2	Government Polytechnic, Kottayam ..	..	..	..	8	2	..	8	..	..
3	Government Polytechnic, Kalamassery ..	..	..	..	5	3	..	10	..	..
4	Government Polytechnic, Perinthalmanna ..	..	..	..	3	..	..	5	..	..
5	Maharaja's Technological Institute, Trichur ..	..	..	..	2	2	..	8	..	..
6	Kerala Government Polytechnic, Calicut ..	..	..	..	4	1	..	12	2	..

APPENDIX XVII—(cont)

Sl. No.	Engineering College	Certificate			Others			Total		
		M	F	S.C./S.T.	M	F	S.C./S.T.	M	F	S.C./S.T.
		12	13	14	15	16	17	18	19	20
ENGINEERING COLLEGES—(cont.)										
1	Engineering College, Trivandrum ..	67	1	..	17	5	..	199	18	2
2	Engineering College, Trichur ..	5	1	..	3	1	..	100	7	..
3	T K M College, Quilon ..	13	..	..	57	..	..	146	4	..
4	M.A. College of Engineering, Kothamangalam ..	6	..	..	1	..	..	58	4	..
5	N.S.S College of Engineering, Palghat ..	35	..	..	..	..	..	91	..	..
6	Regional Engineering College, Calicut ..	..	..	..	..	..	..	104	5	..
	Total ..	126	2	..	78	6	..	698	38	2
POLYTECHNICS—(cont)										
1	Central Polytechnics, Trivandrum ..	2	..	..	37	9	..	48	11	..
2	Government Polytechnic, Kottayam ..	28	3	..	7	..	1	51	5	1
3	Government Polytechnic, Kalamassery ..	..	..	..	19	6	1	34	9	1
4	Government Polytechnic, Perinthalmanna ..	..	..	..	18	3	..	26	3	..
5	Maharaja's Technological Institute, Trichur ..	13	..	..	..	3	1	48	5	1
6	Kerala Government Polytechnic, Calicut ..	40	3	3	..	..	1	70	6	4

APPENDIX XVII—(cont.)

Sl. No	Engineering college	Doctorate			Postgraduate			Degree		
		M	F	SC/ ST	M	F	S.C./ S.T.	M	F	SC/ S.T.
1	2	3	4	5	6	7	8	9	10	11
	POLYTECHNICS—(cont.)									
7	Government Polytechnic, Cannanore				3	.	.	8	.	..
8	Institute of Printing Technology, Shoranur	.	..	.	2	.	.	2	.	..
9	Sree Rama Polytechnic, Valapad				.	1	..	7	2	..
10	S N Polytechnic, Quilon	..		..		3	..	10	2	1
11	N S S Polytechnic, Pandalam	..		..	2	..	.	11	3	..
12	Carmel Polytechnic, Alleppey	..		..	3	.	.	15	..	..
13	Thiagarajar Polytechnic, Alagappa- nagar				4	1	..	12	2	..
14	S S M. Polytechnic, Tirur			..	4	.	..	17	..	1
15	S N Polytechnic, Kanhangad				2	..	..	5	..	..
	Total				44	15	..	137	11	2
	WOMEN'S POLYTECHNIC									
1	Trivandrum				4	3	..	5	..	..
2	Trichur	..			3	1	..	2	..	..
3	Calicut	..	..	..	7	..	.	..	..	..
	Total	..		..	14	4	..	7	.	..

APPENDIX XVII—(cont.)

Sl. No.	Engineering College	Certificate			Others			Total		
		M	F	S C./ S.T.	M	F	S.C./ S.T.	M	F	S C./ S.T.
		12	13	14	15	16	17	18	19	20
POLYTECHNICS—(cont.)										
7	Government Polytechnic, Cannanore ..	17	..	..	40	1	..	68	1	..
8	Institute of Printing Technology, Shoranur ..	1	..	..	9	2	1	14	2	1
9	Sree.Rama Polytechnic, Valapad ..	2	..	..	19	2	..	28	5	..
10	S N Polytechnic, Quilon ..	18	5	..	15	..	1	43	10	2
11	N S.S. Polytechnic, Pandalam ..	35	..	..	..	..	..	48	3	..
12	Carmel Polytechnic. Alleppey ..	19	..	..	9	..	..	46	..	..
13	Thiagarajar Polytechnic, Atagappa- nagar ..	22	2	..	10	..	..	48	5	..
14	S S M Polytechnic, Tirur ..	34	3	..	..	..	..	55	3	1
15	S N. Polytechnic, Kanhangad ..	14	..	..	..	..	..	21	..	..
	Total ..	245	16	3	222	26	6	648	68	11
WOMEN'S POLYTECHNICS—(cont)										
1	Trivandrum ..	11	7	..	7	8	..	27	18	..
2	Trichur ..	2	4	..	4	6	..	11	11	..
3	Calicut ..	..	..	..	1	9	..	8	9	..
	Total ..	13	11	..	12	23	..	46	38	..

APPENDIX XVII—(cont)

Sl. No.	Engineering college	Doctorate			Postgraduate			Degree		
		M	F	S.C./ S.T.	M	F	S C / S.1.	M	F	S.C./ S. F.
1	2	3	4	5	6	7	8	9	10	11
JUNIOR TECHNICAL SCHOOLS										
1	Attingal	..	..	..	..	..	..	3	1	..
2	Nedumangad	..	..	..	..	..	..	2	..	..
3	Adoor	..	..	..	..	..	..	4	1	..
4	Izhukone	..	..	..	..	1	..	4	1	..
5	Shertthallai	..	..	..	..	..	..	3	2	..
6	Krishnapuram	..	..	..	2	2	..	..	4	..
7	Pampady	..	..	..	..	..	..	..	4	..
8	Palai	..	..	..	..	..	..	3	1	..
9	Perumbavoor	..	..	..	..	..	..	3	1	..
10	Koratty	..	..	..	..	..	..	1	3	..
11	Kodungallur	..	..	..	..	..	..	4	2	..
12	Trichur	..	..	..	..	..	..	..	3	..
13	Kunnankulam	..	..	..	..	..	..	2	2	..
14	Chittoor	..	..	..	..	..	..	4	2	..
15	Shoranur	..	..	..	..	..	..	4	..	..
16	Calicut	..	..	..	..	..	..	4	..	..
17	Badaga a	..	..	..	..	..	..	7	..	..
18	Manjeri	..	..	..	..	..	..	4	1	..
19	Cannanore	..	..	..	..	..	..	2	3	..
20	Cheruvathur	..	..	..	..	..	..	5	..	..
21	Mattannur	..	..	..	..	..	..	4	1	..
Total		..	..	..	2	3	..	63	28	..

APPENDIX XVII—(cont.)

Sl. No.	Engineering college	Certificate			Others			Total		
		M	F	S.C./ S.T.	M	F	S.C./ S.T.	M	F	S.C./ S.T.
		12	13	14	15	16	17	18	19	20
JUNIOR TECHNICAL SCHOOLS—(cont.)										
1	Attingal ..	15	..	..	10	..	..	28	1	..
2	Neelumangad ..	9	..	..	14	..	..	25	..	..
3	Adoor ..	13	..	1	9	..	1	26	1	2
4	Ezhukone ..	14	..	1	8	..	..	26	2	1
5	Sherthallai ..	13	..	..	9	..	..	25	2	..
6	Krishnapuram ..	9	..	..	10	..	..	21	2	..
7	Pampady ..	6	..	..	18	..	1	24	4	1
8	Pala ..	15	..	..	8	..	8	26	1	8
9	Perumbavoor ..	20	1	2	..	..	..	23	2	2
10	Kcratty ..	10	1	..	9	..	..	20	4	..
11	Kodungallur ..	11	..	1	8	..	..	23	2	1
12	Trichur ..	8	2	..	9	..	..	17	5	..
13	Kunnamkulam ..	10	..	..	8	..	..	20	2	..
14	Chittoor ..	15	..	..	7	..	..	26	2	..
15	Shoranur ..	9	1	..	10	..	..	23	1	..
16	Calicut ..	18	..	..	..	..	..	22	..	..
17	Hadagara ..	11	..	1	7	..	..	25	..	1
18	Manjeri ..	9	..	..	9	..	..	22	1	..
19	Cannanore ..	12	..	4	7	..	1	21	3	5
20	Cheruvathur ..	10	..	..	7	..	..	22	..	..
21	Mattannur ..	9	..	..	11	..	2	24	1	2
	Total ..	246	5	10	178	..	13	489	36	23

APPENDIX XVIII

Scholarship and stipend during 1976-77

Sl. No.	Name of institution	Nature of scholarships	No. of students	Amount Rs.	Nature of stipend	No. of students	Amount Rs.
1	2	3	3	5	6	7	8
1	ENGINEERING COLLEGES Engineering College, Trivandrum	National Scholarship	100	1,31,357-30	Stipend paid to Scheduled Caste Students	28	64,150 00
		National Merit Scholarship	10	13,180 30	Scheduled Tribe Students	1	2,850 00
2	Engineering College, Trichur	National Loan Scholarship	54	52,330 00	O.E.C. Students	2	5,750 00
		National Scholarship	24	23,280 00	Kumara Pillai Commission Report	248	2,53,704 00
		National Merit Scholarships	48	52,400-00			
		University Merit Scholarships	24	14,400 00	Educational concession under Kumara Pillai Commission Report	245	54,880 82
3	T K.M College of Engineering, Quilon	National Loan Scholarships	25	24,250 00			
		National Scholarship	16	20,222 60	Educational concession as per Kumara Pillai Commission Report paid by Harijan Welfare Department	288	69,505 49
4	Mar Athanasius College of Engineering, Kothamangalam	Merit Scholarship	3	1,365 00			
		University Merit Scholarships	3	2,700-00			
		National Loan Scholarship	21	21,200 00	Stipend paid by Harijan Welfare Department	142	1,46,358 00
5	N S S. College of Engineering, Palghat	National Merit Scholarship	22	22,800-00			
		National Foundation of Teachers Welfare	14	5,600-00			
		National Scholarship	8	9,600 00	Stipend from Harijan Welfare Department	107	59,045 24
		National Loan Scholarship	18	17,460-00			

6	Regional Engineering College, Calicut	Merit Scholarship to the children of School Teachers	1	1,200-00	Stipend paid from Harijan Welfare Department as per Kumara Pillai Commission Report	65	52,341-45
		University Merit Scholarships	12	7,200-00			
		Merit-cum-means Scholarships	209	1,71,600 00			
		College Merit Scholarships	23	2,300 00			
		National Loan Scholarships	17	16,490 00			
		National Merit Scholarships	35	46,200 00			
		Cultural Scholarships	5	2,000 00			
State Scholarship for Proficiency in Sports	3	900 00					
Calicut University Merit Scholarship	17	2,400 00					
POLYTECHNICS							
1	Central Polytechnic, Trivandrum	National Loan Scholarships	4	2,880-00	Stipend under Kumara Pillai Commission Report paid by Harijan Welfare Department	240	1,15,727-73
					Monthly Stipend and Mess Charges to Scheduled Caste/ Scheduled Tribe students	99	65,830-50
2	Sree Narayana Polytechnic, Kottiyam	"	3	2,160 00	Kumara Pillai Commission Report Concession	230	1,63,382 84
					Harijan Welfare Stipend to Scheduled Caste/Scheduled Tribe	39	23,390-66
3	N.S.S. Polytechnic, Panda'am	..	..	..	Stipend to Backward Class Students	38	44,765 99
					Stipend to S.E.B.C. Students	114	10,705-77
4	Carmel Polytechnic, Alleppey	National Loan Scholarships	1	720 00	Stipend to F.C.	34	2,003-33
					Harijan Welfare Department stipend	249	1,44,874-50
5	Government Polytechnic, Kottayam	"	1	720 00	Harijan Welfare Department stipend for Scheduled Caste/ Scheduled Tribes, O.B.C., S.E.B.C. and F.C. Students	325	1,25,840-28

APPENDIX XVIII—(cont.)

Sl. No.	Name of Institution	Nature of scholarship	No. of students	Amount Rs.	Nature of stipend	No. of students	Amount Rs.
1	2	3	4	5	6	7	8
6	Government Polytechnic, Kalamassery	Post-Matriculation scholarship for Scheduled Caste/ Scheduled Tribe	21	23,039 95	Kumara Pillai Commission report concession	312	66,534 44
		Scholarship for O.E.C. students	8	6,989 05			
		National loan scholarship	1	720 00			
		National scholarship	1	900 00			
		Technology scholarship	2	147 05			
7	Maharaja's Technological Institute, Trichur	Government of India scholarship	19	27,180 00	Concession under Kumara Pillai Commission Report	165	90,950 00
		State Government scholarship	5	7,700 00			
8	Sree Rama Polytechnic, Valappad	..	..	..	Stipend and lump sum grant to Scheduled Caste students	15	12,756 25
		..	..	..	Stipend for O.E.C. students	2	1,947 24
		Scholarship for physically handicapped	1	675 00	Concession as per Kumara Pillai Commission Report	174	37,311 11
9	Institute of Printing Technology, Shoranur	..	..	..	Concession to Scheduled Caste/ Scheduled Tribe students	2	2,571 70
		..	..	..	Concession to O.E.C. students	1	1,134 70
		..	..	..	Concession to S.E.B.C students	21	10,069 15
		..	..	..	Concession to F.C. students		1,922 16

10	Government Polytechnic, Perinthalmanna	National loan scholarships	2	1,320 00	Stipend to Scheduled Caste/Scheduled Tribe students	15	24,942-67
					Stipend to O.E.C students	4	6,375-97
					Stipend to S.E.B.C. and F.C. students	122	62,449 25
11	Kerala Government Polytechnic, Calicut	..	..	..	Stipend to Scheduled Caste/Scheduled Tribe students	46	63,370 35
					Stipend to O.E.C students	30	34,675-60
					Stipend as per Kumara Pillai Commission Report to S.E.B.C. and F.C. students	243	51,075-20
12	Thiagarajar Polytechnic, Alagappanagar	..	..	..	Concession to Scheduled Caste and O.E.C students	27	33,196-93
					Concession to S.E.B.C. students as per Kumara Pillai Commission Report	170	1,25,122-23
13	Seethi Sahib Memorial Polytechnic, Tirur	National scholarship	3	3,825-00	Stipend to Scheduled Caste and O.E.C students	50	53,169-55
		National scholarship	2	1,008 00	Concession as per Kumara Pillai Commission Report	375	1,00,560 14
14	Government Polytechnic, Cannanore	Harijan Welfare scholarship for Scheduled Caste/Scheduled Tribe students	9	7,200 00	Concession as per Kumara Pillai Commission Report	259	64,623-00
15	Swamy Nithyananda Polytechnic, Kanhangad	..	..	..	Concession to S.E.B.C. and F.C. students as per Kumara Pillai Commission Report	70	14,585-20
					Stipend for Scheduled Caste and O.E.C. students	6	9,629-02
	WOMEN'S POLYTECHNICS						
1	Women's Polytechnic, Trivandrum	..	..	..	Concession to S.E.B.C. under Kumara Pillai Commission Report	95	23,733-87
					Concession to O.E.C students	7	2,025 00
					Concession to Scheduled Caste/Scheduled Tribes	50	59,753-13
2	Women's Polytechnic, Trichur	National scholarships	1	1,113-70	Stipend for Scheduled Caste/Scheduled Tribes and Christian Converts	30	32,930 00

APPENDIX XVIII—(cont.)

Sl. No	Name of institution	Name of scholarships	No of students	Amount Rs.	Nature of stipend	No of students	Amount Rs.
1	2	3	4	5	6	7	8
	WOMEN'S POLYTECHNICS—(cont)						
3	Women's Polytechnic, Trichur Women's Polytechnic, Calicut	Merit-cum-means Scholarships	7	2,735 00	As per Kumara Pillai Commission Report Stipend to O.E.C. and Scheduled Caste Students Kumara Pillai Commission Report	120	32,860 00
		Scholarship to Physically Handicapped	1	900 00		20	23,088.11
		Merit-cum-means Scholarship	6	2,400 00		89	24,388.46
		Scholarships to Island students by Union Territory of Lakshadweep	4	5,190.56			
		Fisheries Scholarships	1	400 00			
	JUNIOR TECHNICAL SCHOOLS						
1	J.T.S., Attingal	Merit-cum-means Scholarship	18	3,496 90	Harjan Welfare Stipend to Scheduled Caste/Scheduled Tribe Students	29	16,854 85
2	J.T.S., Adoor	Merit cum-means Scholarship	17	3,346 85	"	17	9,384 10
3	J.T.S., Ezhukone	Non-repayable Scholarship	18	3 600 00	"	24	14,400 00.
4	J.T.S., Shertallai	Merit-cum-means Scholarship	18	3,599 35	"	21	12,543 01
5	J.T.S., Krishnapuram	"	15	2,993 25	"	15	8,723 90
6	J.T.S., Pampady	"	16	3,163.40	"	25	12,979.00
7	J.T.S., Palai	"	12	2,383 00	"	20	11,904 00
8	J.T.S., Perumbavoor	"	18	3,499 65	"	13	7,364 20
9	J.T.S., Koratty	"	17	3,027 00	"	17	9,178 00

10	J.T.S., Kodu- gallur	"	8	1,689.85	"	20	11,854.00
11	J.T.S., Trichur	"	13	2,579.30	"	7	3,054.45
12	J.T.S., Kunnam- kulam	"	11	2,210.00	"	22	11,196.00
13	J.T.S., Chittur	"	5	989.40	"	15	8,884.30
14	J.T.S., Shoranur	"	13	2,560.38	"	19	13,004.43
15	J.T.S., Calicut	"	14	2,775.35	"	15	8,928.00
16	J.T.S., Badagara	"	9	1,788.00	"	6	3,600.00
17	J.T.S., Manjeri	"	1	150.00	"	27	16,118.70
18	J.T.S., Cannanore	"	16	3,200.00	"	5	2,864.00
19	J.T.S., Cheruvathur	"	3	259.35	"	10	4,041.00
20	J.T.S., Mattannur	"	11	2,156.95	"	9	5,148.30
21	J.I.S., Nedum- angad	"	14	3,152.70	"	19	11,317.13

11/1143-8

<i>Sl. No.</i>	<i>Name of institution</i>	<i>No. of students</i>	<i>Stipend amount Rs.</i>
(1)	(2)	(3)	(4)
PRE-VOCATIONAL TRAINING CENTRES*			
1.	P.V.T.C. Attingal	18	9,984-00
2.	Do. Kodungallur	89	13,614 00
3.	Do Manjeri	28	16,756-00
4.	Do. Cannanore	1	600-00
T. and G M.T. CENTRES, GOVERNMENT INDUSTRIAL SCHOOLS, ETC.:			
1.	T.G.M.T. Centre, Pattom	27	18,142-20
2.	Do. Thevally	2	1,080 00
3.	Do. Kanjikuzhi	3	1,589-00
4.	Do. Tripunithura	4	2,880 00
5.	Do. Narakal	5	3,541-00
6.	Do. Trichur	3	1,768-50
7.	Do. Kalpathy	1	721-05
8.	Do. Kondotty	6	4,269-65
9.	Do. Badagara	4	2,520-00
10.	Do Dharmadam	2	1,440-00
11.	Do. Payyannur	..	..
12.	Tailoring Trade School, Haripad	4	2,855-15
13.	Do. Devikulam	5	3,600-00
14.	Weaving Training Centre, Aralum-mood	19	12,144-15
15.	Composing and Printing Centre, Vattiyoorkavu	5	3,588-13
16.	Ratton Training Centre, Poovar	9	6,408-83
17.	Tailoring Training Centre, Parassala	4	2,740 64
18.	Do. Pachallur	6	3,980-49
19.	Do Karimkulam	..	..
20.	Do Kanjiramkulam	4	2,732-92
21.	Do Kandala	3	2,050-48
22.	Do. Chirayinkil	.	..
23.	Do. Chengannur	4	2,880-00
24.	Government Industrial School, Irinjalakuda	20	11,641-00

<i>Sl. No.</i>	<i>Name of institution</i>	<i>No. of students</i>	<i>Stipena amount Rs.</i>
(1)	(2)	(3)	(4)
25	Government Industrial School, Wadakkancherry	.. 8	4,785.25
26.	Book Binding Centre, Manacaud	.. 7	4,070.31
27.	Do. Kulathur	.. 9	6,252.18

GOVERNMENT COMMERCIAL INSTITUTES:

1.	Government Commercial Institute, Trivandrum	.. 3	710.00
2.	Do. Ernakulam	.. 4	929.00
3.	Do. Manjeri	.. ..	..

ART INSTITUTIONS:

1.	College of Fine Arts, Trivandrum	.. 9	5,855.57
2.	Institute of Fine Arts, Trichur	.. 24	12,508.38
3.	R. V. Institute, Mavelikara— Scholarship	.. 24	7,062.30
	Stipend	.. 16	8,178.55

APPENDIX XIX
Receipts and expenditure during 1976-77

Sl. number	Name of Institution	Receipts		Expenditure	
		Institution Rs	Hostel Rs.	Institution Rs	Hostel Rs.
1	2	3	4	5	6
	ENGINEERING COLLEGES				
1	College of Engineering, Trivandrum ..	3,30,550.00	72,430.43	54,70,925.00	1,55,236.67
2	Do. Trichur ..	85,350 00	69,843.00	31,82,202.35	2,34,711.12
3	T K M Engineering College, Quilcn ..	17,12,872.00	49,986.00	17,49,360.00	49,740 00
4	M.A. College of Engineering, Kothamangalam ..	18,44,657.00	59,904.00	16,87,702 00	54,559.00
5	N S S College of Engineering, Palghat ..	17,63,031.00	10,40,337.76	16,41,929.29	10,00,985.03
6	Regional Engineering College, Calicut ..	50,86,716.11	16,51,960 00	46,55,119 10	17,11,426.00
	POLYTECHNICS				
1	Central Polytechnic, Trivandrum ..	2,16,307.24	24,646.20	14,17,454 06	Included in the institution ex- penditure 66,658.33
2	Government Polytechnic, Kottayam ..	52,823.71	8,239 03	6,34,705.60	

3	Do.	Kalamassery ..	2,03,344 00	19,540·00	10,42,000·00	Included in institution
4	M T.I.	Trichur ..	2,08,651 85	18,568·00	9,02,721·95	Included in the institution
5	S.R. Polytechnic,	Valapad ..	6,57,852 00	..	5,00,269·00	No hostel
6	Government Polytechnic,	Perinthalmanna ..	1,09,807·79	13,867 90	5,64,922·90	..
7	Kerala Government Polytechnic,	Calicut ..	2,01,177 42	..	12,16,339·06	Included in institution
8	Government Polytechnic,	Cannanore ..	1,19,075 00	15,338 00	6,69,518 00	36,360·00
9	Institute of Printing Technology,	Shorannur ..	20,490 39	..	2,21,873 95	No hostel
10	S.N. Polytechnic,	Quilon ..	7,34,420 65	1,08,493·92	6,70,186 25	1,08,909 71
11	N S S Polytechnic,	Pandalam ..	8,99,279 00	1,21,174·00	8,99,279 00	1,16,520 00
12	Carmel Polytechnic,	Punnapra ..	5,93,798 55	1,74,680 00	6,26,552 85	1,74,680 00
13	Tiagarajar Polytechnic,	Alagappanagar ..	7,88,114 93	43,735·67	8,18,4 0 79	39,978 38
14	S.S.M. Polytechnic,	Tiur ..	37,968 62	2,33,845·24	66,846·20	2,48,517 17
15	S.N Polytechnic,	Kanhangad ..	7,15,925 09	86,592·44	6,88,782 46	85,941 56
WOMEN'S POLYTECHNICS						
1	Women's Polytechnic,	Trivandrum ..	7,916·65		2,81,260·82	No hostel
2	Do.	Trichur ..	3,914·60	7,700 00	3,61,429 11	70,000 00
3	Do.	Calicut ..	6,886·28	7,461·00	2,13,584·38	.
JUNIOR TECHNICAL SCHOOLS						
1	Junior Technical School	Nedumangala ..	.	..	2,58,274 62	

APPENDIX XIX—(cont)

Sl. number	Name of Institution	Receipts		Expenditure	
		Institution	Hostel	Institution	Hostel
1	2	3	4	5	6
	JUNIOR TECHNICAL SCHOOLS —(cont.)				
2	Junior Technical School, Attingal ..	823 00	.	2,80,087 24	..
3	Do. Adoor ..	..	.	2,71,992 85	No hostel in J. T. Schools
4	Do Ezhukone ..	612 14	..	2,34,608 00	..
5	Do Sherthalai ..	2,457 07	..	2,68,529 98	..
6	Do. Krishnapuram ..	2,738.62	.	2,60,015.75	..
7	Do Pampady ..	1,146.13	..	2,63,654 26	..
8	Do Palai ..	1,238.74	..	2,43,621.43	..
9	Do. Perumbavoor ..	1,427 61	..	2,39,922.10	..
10	Do. Koratty ..	..	..	2,43,830.00	..
11	Do Kodungallur ..	4,946.34	.	2,67,081.93	..
12	Do. Trichur ..	809 00	..	2,54,415 00	..
13	Do. Kunnamkulam ..	1,929 75	..	2,59,799.67	..
14	Do. Chittoor ..	287.46	..	2,59,523.16	..
15	Do Shorannur ..	1,306.94	.	2,52,212.82	..

16	Do.	Calicut	..	Combined receipts given in the Kerala Government Polytechnic, Calicut No separate receipt	2,00,604 5
17	Do.	Badagara	..	4,236 40	2,37,675 28
18	Do	Manjeri	..	586 84	2,42,188 57
19	Do	Cannanore	..	37,398 00	2,42,829 02
20	Do.	Cheruvathur	..	530 00	2,26,608 29
21	Do.	Mattannur	..	4,982 17	2,38,353 62

APPENDIX XIX—(cont)

<i>Institution</i>	<i>Receipts Rs.</i>	<i>Expenditure Rs</i>
ART INSTITUTION:		
1. College of Fine Arts, Trivandrum	.. 9,320 00	3,23,000 00
2. R. V. Institute of Fine Arts, Mavelikara	.. 84 00	91,294 91
3. Institute of Fine Arts, Trichur	.. ..	66,798 50
PRE-VOCATIONAL TRAINING CENTRES:		
1. Attingal	.. 1,197 70	80,378 25
2. Kodungallur	.. 410 16	63,154 50
3. Manjeri	.. ..	64,032 25
4. Cannanore	.. 4,230 00	42,152 12
GOVERNMENT COMMERCIAL INSTITUTES:		
1. Government Commercial Institute, Ernakulam	.. 17,948 42	66,798 71
2. Do. Manjeri	.. 7,038 05	56,283 07
3. Do. Trivandrum	.. ..	42,089 09
4. Diploma Course in Shorthand and Typewriting, Trivandrum	.. 1,891 08	21,815 00

APPENDIX XX

List of persons sent for training in 1966-77 (Institution-wiseup to 31st March 1977)

Sl. number	Name of person	Designation	Name of Institution	Type of training	Period of training		Remarks
					From	To	
1	2	3	4	5	6	7	8
ENGINEERING COLLEGE, TRIVANDRUM							
1	Sri N. Krishnan	II Grade Instructor	Technical Teachers' Training Institute, Madras	..	..	..
2	„ P Sasidharan	II Grade skilled Assistant	„	..	..	.
3	„ R. Arjunan Asari	„	„	..	..	..
4	„ S. Ramachandran	„	„	..	.	.
ENGINEERING COLLEGE, TRICHUR							
1	Sri Jishnu	Assistant Professor	Indian Institute of Science, Bangalore	Ph. D	1-8-1975	1-8-1978	
2	„ Sivasankara Pillai	Professor	I I T, Madras	„	1-9-1975	1-9-1978	
3	„ K. Raghavan Nambiar	Assistant Professor	I I T, Kanpur	„	25-12-1975	25-12-1978	
4	„ K. Sankaran	„	I I T, Madras	„	15-7-1976	16-7-1979	
5	„ K. Neelakandan	„	I I T, Kanpur	„	22-7-1976	23-7-1979	
6	„ R. P R.	Lecturer	I I. Science, Bangalore	„	31-7-1976	1-8-1979	
7	„ N. Kesavan Nair	Assistant Professor	I I T., Karakpur	„	1-9-1977	1-9-1980	
8	„ N. Premachandran	Lecturer	I I T, Madras	„	6-9-1977	6-9-1980	
9	„ V. O. George	„	„	M. Tech.	15-7-1976	16-7-1978	
10	„ Mohammed Ali Musliyar	„	Boorkey University	„	26-7-1976	27-7-1978	
11	„ K. Mohandas	„	I I T., Madras	„	30-7-1977	1-8-1979	
12	„ V. K. Sasikumar	„	do.	„	„	„	
13	„ K. P. Ahamedkoya	„	I I T., Bombay	„	31-12-1977	31-12-1979	

T.K M- COLLEGE OF ENGINEERING, QUILON						
1	Sri K P S A P. Thangal	Lecturer	I I. Science, Bangalore	Refresher Course	17-2-1977	18-2-1977
2	" N. Padmanabha Iyer	Assistant Professor	"	"	16-3-1977	31-3-1977
3	" D. Somasekharan	Lecturer	"	"	28-3-1977	8-4-1977
4	" N. Natarajan	Assistant Professor	"	"	2-6-1976	2-6-1978
5	" S Rajendran	Lecturer	I I T , Bombay	M. Tech.	16-8-1976	16-8-1978
6	" Y Basheerkutty	"	I.I T , Madras	"	13-6-1977	13-6-1978
7	" P Kumaran Nair	Skilled Assistant	C T I , Madras	Short Course Training		
M.A. COLLEGE OF ENGINEERING, KOTHAMANGALAM						
1	Sri S Ramakrishnan	Professor	I I M , Bangalore	Short term courses	10-5-1976	22-5-1976
2	" Thomas Chacko	"	I I T , Bombay	"	3-5-1976	29-5-1976
3	Smt. Salome Varghese	Lecturer	R E C Warrangal	"	29-5-1976	19-6-1976
4	Sri M G Grasius	"	"	"	10-5-1976	22-3-1976
5	" A V. Zachariah	"	G C T Coimbatore	"	7-6-1976	25-6-1976
6	Smt Amey George	Assistant Professor	College of Engineering, Trivandrum	"		
7	" Paul Antony	Lecturer	"	"	3-6-1976	6-6-1976
8	" A.V. Zachariah	"	P S G College, Coimbatore	"	21-7-1976	31-7-1976
9	" Paul Antony	"	College of Engineering, Trivandrum	"		
10	" A J P. Namboodiri	Assistant Professor	I I T , Kanpur	"	6-12-1976	24-12-1976
11	" U. Lazar	"	I I T , Bombay	"	6-12-1976	31-12-1976
12	" T. Thomas	Lecturer	I I T , Madras	"	6-12-1976	23-12-1976
13	" C L Varunny	"	I I Science, Bangalore	"	27-12-1976	12-1-1978
14	" Thomas Chacko	Professor	University of Roorkee	"	1-12-1976	21-12-1976
15	" N. K. Varghese	Lecturer	I.I T , Kanpur	"	4-12-1976	23-12-1976
16	" K A Jacob	"	Engineering College, Howrah	"	1-12-1976	28-12-1976
17	" K Jov David	Assistant Professor	I I T , Kanpur	"	4-2-1977	18-2-1977
18	" Paul K Mathew	Lecturer	I I Science, Bangalore	"	21-2-1977	4-3-1977
19	" Alias Varghese	Professor	"	"	28-3-1977	9-4-1977

APPENDIX XX—(cont)

Sl. number	Name of person	Designation	Name of Institution	Type of Training	Period of training		Remarks
					From	To	
1	2	3	4	5	6	7	8
20	M. A COLLEGE OF ENGINEERING, KOTHAMANGALAM—(cont) Sri M. V. George	Assistant Professor	I I T , Delhi	Short term course	30-5-1977	4-6-1977	
21	„ P. M. Markose	Lecturer	I I T , Karagpur	„	23-5-1977	4-6-1977	
22	„ Jiny Vaighese	„	„	„	23-5-1977	26-6-1977	
23	„ M G. Gracius	„	„	„	6-6-1977	18-6-1977	
24	„ J. Issac	Assistant Professor	„	„	1-3-1977	15-3-1977	
25	„ A V Zachariah	Lecturer	I I Science, Bangalore	„	3-8-1977	3-8-1979	
26	„ A. K. Gecvarghese	Skilled Assistant	C T I , Madras	Short term Training			
27	„ Thomas Chacko	Professor	I I T., Madras	„	28-11-1977	10-12-1977	
28	„ P M George	Assistant Professor	„	„			
29	„ Paul Antony	Lecturer	I.I. Science Bangalore	„	2-11-1977	31-12-1977	
30	„ K. A. Jacob	„	Thyagaraja College of Engineering, Madurai	„	21-11-1977	4-12-1977	
	N S.S. COLLEGE OF ENGINLERING, PALGHAT						
1	Sri V. Balakrishna Panicker	Professor	I I T., Bombay	Short term Course	3-5-1976	29-5-1976	
2	„ O N Neelakantan	„	College of Engineering, Quindy	Summer School Training	10-5-1976	4-6-1976	
3	„ K. S. Mohanachandra Panicker	Lecturer	„	„	„	„	
4	„ T. V. Babu Rajendran	Assistant Professor	I.I Science, Bangalore	„	9-5-1976	23-5-1976	
5	„ M. S. L. Kubendran	Lecturer	G C.T. Coimbatore	„	10-5-1976	22-5-1976	
6	„ M. Selvaraj	„	I I T , Delhi	„	13-5-1976	16-6-1976	

7	„ S. Balasubramanian	„	G C T., Coimbatore	„	10-5-1976	22-5-1976
8	„ T. Divakaran	„	R E C., Calicut	„	17-5-1976	29-5-1976
9	„ P. Ramachandra	„	R E C., Warangal	„	26-5-1976	18-6-1976
10	„ T. Divakaran	„	I I T., Karagpur	Short term training	6-12-1976	2-1-1977
11	„ O. M. Neelakantan	Professor	V.R.C E., Nagapur	„	29-11-1976	17-12-1976
12	„ M. Raghavan Unni	Lecturer	I I T., Bombay	„	6-12-1976	31-12-1976
13	„ C. Somasekharan	Professor	I I Science, Bangalore	„	28-3-1977	9-4-1977
REGIONAL ENGINEERING, COLLEGE, CALICUT						
1	Dr. K. P. Mohamed	Lecturer	I.I Science, Bangalore	Short term Course	2 weeks during October 1977	
2	Sri P. P. Gesvadis	..	I.I. Science, Bangalore	„	..	..
3	„ Daniel Ommen	..	College of Engineering, Delhi	„	..	..
4	„ K. M. Moideenkutty	..	I I T., Bombay	„	..	..
5	„ P. Janardhanan	..	I I Science, Bangalore	„	..	..
6	„ Mathew Varghese	..	College of Engineering, Poona	„	..	..
7	Dr. K. Raghunathan	..	I I T., Bombay	„	May, 1977	..
8	Sri K. N. Ramachandran	..	I I. Science, Bangalore	„	April 1977	..
9	„ M. R. Madhavan Nambiar	..	„	„	March, 1977	..
10	„ V. S. Prasad	..	Cochin	Seminar	May, 1976	..
11	„	..	I I Science, Bangalore	„	September 1977	..
12	„ V. S. Kurien	..	I I.T., Bombay	Summer School Training	May, 1977	..
13	„ G. Sadananda Rao	..	I.I.C., Bangalore	Q I P: Course	March, 1977	..
14	Dr. K. Ranganathan	..	Calcutta	Conference	March, 1977	..
15	„ S. Palani Raj	..	Trivandrum	Seminar	September 1976	..
16	„ A. Achuthan	..	W.P.R. Station, Poona	„	November 1976	..
17	„	..	I I.T., Kanpur	Short term Course	February 1977	..
18	Sri T. N. Ramaswamy	..	Peechi Research Station	„	18-4-1977	18-7-1977
19	„ D. Isaac Ponniah	..	I I T., Kanpur	„	October 1977	..

APPENDIX XX--(cont.)

Sl. number	Name of person	Designation	Name of Institution	Type of training	Period of training		Remarks
					From	To	
1	2	3	4	5	6	7	8
	REGIONAL ENGINEERING COLLEGE, CALICUT--(cont.)						
20	Miss P Syamala	..	I.I.T., Kanpur	hort term Course	October 1977	.	
21	Sri P R. Sukumaran	..	Radha Industries Coimbatore	..	25-7-1977	16-10-1977	
22	„ M Sarvodhanan	.	S.G., Madras	Training	1-8-1977	30-10-1977	
	CENTRAL POLYTECHNIC, TRIVANDRUM						
1	Sri N. Sarachandra Bose	Demonstrator	C T I, Howrah	Craft Instructors' training	1-8-1976	31-7-1977	
	GOVERNMENT POLYTECHNIC, KOTTAYAM						
1	Sri K P Somasekharan Nair	Workshop Instructor	T.T.T.I., Madras	Training	7/76 to 18 months		
2	„ Cyrjac J. Kandalith	Head of section	K S E. Board	Q.I.P	1-8-1976	1-12-1976	
3	„ K V. Gopi	Demonstrator	H.M.T.	Q.I.P.	10-4-1977	10-4-1977	
	GOVERNMENT POLYTECHNIC, KALAMASSERY						
1	Sri M. C. George	Demonstrator	T.T.T.I., Madras	Training	..	..
	MAHARAJAS TECHNOLOGICAL INSTITUTE, TRICHUR						
1	Sri M. Valsalan	Assistant Lecturer	Ajmir Polytechnic Ajmir	Training	17-5-1976	13-6-1976	

SREE RAMA POLYTECHNIC, VALAPAD						
1	Smt K K Indira	Demonstrator	T.T.T.I., Madras	Training	5-1-1976	1-5-1977
2	Sri P K. Ittoop	Assistant Lecturer	T.T.T.I., Bhopal	"	3-5-1976	22-5-1976
3	" P. K. Abdul Latheef	"	K.G.P.T., Calicut	Short course	26-7-1976	6-8-1976
4	" C. Damodaran	Head of Civil	T.T.T.I., Kalamassery	Training	14-12-1976	17-12-1976
5	" K Vijayan	Principal	T.T.T.I., Bhopal	"	13-12-1976	24-12-1976
6	" S Ganapathy	Assistant Workshop Foreman	T.T.T.I., Extension Centre, Kalamassery	"	12-1-1977	18-1-1977
7	" P. A. Sreerama chandran	Assistant Lecturer	"	"	31-1-1977	11-2-1977
8	" C M. Damodaran	Lecturer	"	"	14-2-1977	25-2-1977
9	" Namboodiripad	Assistant Lecturer	"	"	23-3-1977	30-3-1977
10	" S. Upendran Nair	"	"	"	"	"
	" Varghese Mathai	"	"	"	"	"
GOVERNMENT POLYTECHNIC PERINTHALMANNA						
1	Sri P. D. Jose	W/S Instructor	S.V.G.P.T., Tirupathy	Summer school training	10-5-1976	22-5-1976
2	" P Mammoo	Assistant Lecturer	G.P.T., Kanpur	"	10-5-1976	5-6-1976
3	" N. Manilal	W/S Instructor	G.P.T., Adayar	"	17-5-1976	12-6-1967
4	" C. N. Mohamadali	"	"	"	"	"
5	" M M Sreedharan	Assistant Lecturer	C.P.T., Trivandrum	Short term Course	4-10-1976	15-10-1976
6	" P. S Aravindakshan	Principal	T.T.T.I., Kalamassery	"	16-12-1976	17-12-1976
7	" A Balakrishnan	Demonstrator	Government Polytechnic, Alahabad	"	6-12-1976	17-12-1976
8	" V. Ramakrishnan	Lecturer	"	"	"	"
9	" C. V. Paul	Assistant Lecturer	T.T.I., Chandigarh	"	29-11-1976	25-12-1976
10	Smt. V. V. Rugmini	"	T.T.T.I., Extension Centre, Kalamassery	"	14-2-1977	25-2-1977
11	Sri George John	Lecturer	"	"	23-3-1977	31-3-1977
12	" Clifford Fernandez	Assistant Lecturer	"	"	"	"
KERALA GOVERNMENT POLYTECHNIC, CALICUT						
1	Sri K. Sukumaran Nair	Assistant Lecturer	K.S.E.B. Perumbavoor	Q.I.P. Short Term Course	17-7-1976	16-10-1976

APPENDIX XX—(cont.)

Sl. number	Name of person	Designation	Name of Institution	Type of Training	Period of training		Remarks
					From	To.	
1	2	3	4	5	6	7	8
	KERALA GOVERNMENT POLYTECHNIC, CALICUT—(cont)						
2	Sri N. Balakrishnan Nair	Assistant Lecturer	P.W.D., Calicut	Q.I.P. Short term course	17-7-1976	16-10-1976	
3	„ M. Valsan	Head of C. H. section	Government P. T Kalamassery	Short training	14-9-1976	30-9-1976	
4	„ M K Balakrishnan Nair	Analyst	„	„	14-9-1976	30-9-1976	
5	„ P Rajappan Achari	Assistant Lecturer	G P.T., Trivandrum	„	4-10-1976	16-10-1976	
6	„ P. Haridasan Pillai	Demonstrator	N P.T , Pollachi	„	22-10-1976	6-11-1976	
7	„ A A Poulose	Assistant Lecturer	M.E.I Poly, Bangalore	„	16-11-1978	26-11-1976	
8	„ M Valsan	Head of section	Kerala Soaps, Calicut	„	1-11-1976	31-3-1977	
9	„ K. Sukumaran Nair	Assistant Lecturer	T.T.T.I , Extension, Kalamassery	„	22-3-1977	31-3-1977	
10	„ P Kuttan	W/S Superintendent	„	„	22-3-1977	31-3-1977	
	GOVERNMENT POLYTECHNIC, CANNANORE						
1	Sri K C Mohamadali	Demonstrator	T.T.T.I., Madras	Short term training	15-7-1976	17-12-1977	
2	„ N. K Gangadharan	W/s Instructor	„	„	15-7-1976	17-12-1977	
3	„ A. A John	„	„	„	15-7-1976	17-12-1977	
4	„ N. Sureshan	Assistant Lecturer	Fisheries Corporation	„	15-7-1976	17-12-1977	
5	„ O. V. Kuttiassan	Demonstrator	Co-operative Spinning Mills	„	15-7-1976	17-12-1977	

INSTITUTE OF PRINTING TECHNOLOGY, SHORANUR						
1	Sri Sebastian Francis	Lecturer	T.T.T I., Madras	Short course	25-10-1976	5-11-1976
2	„ Jawaharlal	Principal	„	„	17-11-1976	23-11-1976
S. N. POLYTECHNIC, KOTTIYAM						
1	Sri K. Sudhakaran	Demonstrator	T.T.T I., Madras	Diploma	18 months	..
N S S POLYTECHNIC, PANDALAM						
1	Sri K. N. Raman Pillai	Demonstrator	T.T.T I., Madras	Short term training	..	..
2	„ N Purushothaman Nair	„	„	„	..	..
3	„ V. K. Ramachandra Kurup	Lecturer	Industrial training	„	..	..
4	„ K. Kumara Pillai	„	„	„	..	..
CARMEL POLYTECHNIC, ALLEPPEY						
THIAGARAJAR POLYTECHNIC, ALAGAPPANAGAR						
1	Sri K. V. Kanakarathinam	Demonstrator	Telangana Spinning and Weaving Mills, Hyderabad	Q I P. Training	3-9-1976	30-7-1977
2	„ S V Devarajan	„	Universal Radiators Coimbatore	„	11-10-1976	10-1-1977
3	Smt V K Radhamani	Head of section	K S E Board, Division Trichur	„	10-1-1977	9-4-1977
4	Sri K. L. Francis Xavier	Assistant Lecturer	T.T.T I Extension Centre, Kalamassery	Short term course	12-1-1977	18-1-1977
5	„ V. A. Baby	Lecturer	„	„	13-1-1977	11-2-1977
6	„ A Hariharakrishnan	„	„	„	14-2-1977	25-2-1977
7	„ T. S. Narayanan Nair	W/S Superintendent	„	„	23-3-1977	31-3-1977
S.S.M POLYTECHNIC, TIRUR						
1	Sri N. C. Farook	Demonstrator	Government Polytechnic, Ajmir	Short term training	17-5-1976	13-6-1976

APPENDIX XX—(cont.)

Sl. number	Name of person	Designation	Name of Institution	Type of Training	Period of training		Remarks
					From	To	
1	2	3	4	5	6	7	8
	S.S M POLYTECHNIC, TIRUR —(cont.)						
2	Sri P R Assankutty	Assistant Lecturer	Government Polytechnic, Ajmir	Short term training	17-5-1976	13-6-1976	
3	„ M Mohamedkutty	W/s Instructor	Jodhpur Polytechnic	„	24-5-1976	19-5-1976	
4	„ V K Viswambaran	Demonstrator	Rajkot Polytechnic	„	10-5-1976	5-6-1976	
5	„ P Mohamed Kutty	„	Alahabad Polytechnic	„	21-6-1976	7-7-1977	
6	„ K K John	Assistant Lecturer	K.G.P.T, Calicut	„	26-7-1976	6-8-1976	
7	„ K Ahamed	Lecturer	C.P.T, Trivandrum	„	6-10-1976	15-10-1976	
8	„ C M Gevindan Nambissan	Assistant Lecturer	T T T I., Madras	„	21-3-1977	30-3-1977	
	S.N POLYTECHNIC, KANHANGAD						
1	Sri K. P Bharathan	Lecturer	T T T I, Madras	B. Tech.	5-7-1976	5-7-1977	
2	„ P. Ravindran	W/S Instructor	„	Diploma	12-7-1976	.	
3	„ P. P. Padmanabhan Nambiar	Skilled Assistant	C T I, Madras	Short training	2-7-1976	2-7-1977	
4	„ V. Govindan	Principal	T T T I Extension, Kalamassery	„	14-12-1976	17-12-1976	
5	„ K. Balakrishnan	Assistant Lecturer	„	„	10-2-1977	15-2-1977	
6	„ N. Radhakrishnan Nambiar	„	„	„	12-1-1977	18-1-1977	
	WOMEN'S POLYTECHNIC, TRIVANDRUM						
1	Sri M Narayanan	Principal	Government Polytechnic, Kalamassery	Syllabus revision seminar	13-9-1976	30-9-1976	
2	„ N. G. Pillai	..	„	„	13-9-1976	30-9-1976	
3	Smt. N. Devi	..	„	„	13-9-1976	30-9-1976	
4	„ M Narayanan	Principal	T.T.T I., Bhopal	Country course in institution Building	13-12-1976		

5	„ N Gopikuttan	..	Keltron counters	Q J P Training	1-7-1977	31-3-1977
6	„ K. K Ramachandran	..	T.T T I , Madras	T I T I Training	21-3-1977	30-3-1977
7	„ P. Sukumaran	..	„	„	21-3-1977	30-3-1977
WOMEN'S POLYTECHNIC, TRICHUR						
1	Smt. V. V. Remabai	Lecturer	T.T T I , Madras	Q.I P Course	21-3-1977	30-3-1977
2	„ V. K Sarala	Assistant Lecturer	„	„	21-3-1977	30-3-1977
WOMEN'S POLYTECHNIC, CALICUT						
1	Smt B Lalitha Rajasekharan	Skilled Assistant	C.T I , New Delhi	Training	August 1976	July 1976
2	„ Rajam B. Nair	Asst. Instructor	„	„	„	„
JUNIOR TECHNICAL SCHOOL, ATTINGAL						
1	Sri Abdul Salam J T S , EZHUKONE	W/S Instructor	T T T I , Madras	Short Training	2/76	6/77
1	Sri J. Abdul Salam J T S , KRISHNAPURAM	..	T T T I , Madras	„	..	..
1	Sri K Sivarajan J T S., PAMPADY	W/S. Instructor	T.T T I , Madras	„	..	..
1	Sri K. R. Raghavan J T.S., MANJERI	..	C.T I., Madras	„	..	..
1	Sri T Ravindran J.T S., CANNANORE	W/S. Foreman	T T T I , Madras	„	..	..
1	Sri K Vasu	W/S Instructor	C.T I , Calcutta	„	..	..
2	Sri C. Gangadharan J.T S., MATTANNUR	„	C.T.I , Hyderabad	„	..	..
1	Sri N. K. Sdhan	Instructor	T.T.T I , Madras	B Tech.	5-7-1976	..

AME OF AGENTS—(Continued from outer cover)

65. A. Narayanan Potti, Book Seller, Near Civil Station, Quilon-9
66. G. Prabhakaran Nair, Manager, Premier Book House, Muvattupuzha
67. Manager, Desabhirmani Book House, M. G. Road, Trivandrum-1
68. K. V. Devassy, Manager, Perinthalmanna Printing Works, Perinthalmanna.
69. K. Bhaskara Pillai, Prahla Book Depot, Artungal P O
70. K. A. George, Proprietor, Students Stores, 74/XII Sub Jail Road, Alwaye.
71. V. K. N. Pillai, Polayil Veedu, Manayilkulangara, Quilon-12.
72. V. Gopinathan Nair, Book Seller, Kacheri Junction, Nedumangad.
73. Smt. A. Poornambal, Proprietor, Bhagya Enterprises, M. G. Road, Trivandrum.
74. K. J. Cheriyian, Manager, Victory Book House, Muvattupuzha.
75. M. G. Cheriyian, M.C.C. Book Depot, Chengannur.
76. M/s Radha Stores, Shoranur.
77. A. T. A. Mustafa, Mustafa Book Company, P.O. Payangad, Cannanore District.
78. S. M. C. Babu, Babu Brothers Book Depot, Alwaye 1
79. P. C. Cherian, St. Mary's Press and Book Depot, Changanacherry-1.
80. R. Radhakrishnan Nair, Proprietor, Modern Books, Near Boat Jetty Road, Quilon.
81. Smt. K. Thankamma, Contractor of K.G.'s Book Stall, Kottayam.
82. M. A. Joseph, Proprietor, House of Knowledge, Publishers and Book Sellers, Round South Trichur.
83. V. Krishna Iyer, Retired R. T. O., T. C. 18/201, Valiachala, Trivandrum
84. C. I. Varghese, son of Chaliserry Ittiachan, Central Book Stall, Palace Road, Trichur.
85. M/s New Ladies Fancy Centre, Mannarghat.
86. T. V. Thomas Panicker, Indu Book Depot, Angamali P.O., Ernakulam District.
87. M. M. Varghese, Book Centre, West Nada, Guruvayur.
88. K. J. Raphael, Santha Book Stall, Book Sellers and Stationery Merchants, G. B. Road Sulthanpet, Palghat.
89. M/s Asoka Book Agency, 2/27, Roop Nagar, Delhi-7.
90. M/s St. Joseph's Book Stall, Convent Square, Alleppey.
91. V. G. Abraham, St. Thomas Press and Book Depot, Kozhencherry.
92. N. Sadanandan, Proprietor, Sadananda Printers, Publishers and Book Sellers, P.O. Alathur, Palghat District.
93. K. R. Sukumaran Nair, Sukumar Book Stall, T. C. 23/652, Thampanoor, Trivandrum.
94. P. Aravindakshan, Book Seller, Near Post Office, Kottakkal.
95. M/s D. K. Book Organisations, 74-D, Anand Nagar, (Inderlok) Delhi-110035.
96. M/s Ashok Trades, Book Sellers, Market Junction, Kottarakkara.
97. R. Viswanathan, Viswanath Stores, P. O. Chelakkara, Trichur District.
98. M/s Vijnanabhavan Book Stall, Publishers and Book Sellers, Kayamkulam, Alleppey Dist.
99. N. Krishnan Nair, Edupadickal Puthen Veedu, Kattakkada P O, Neyyattinkara Taluk.
100. K. Mohanan, Proprietor, S. N. V. Press and Book Depot, Kottarakkara
101. M/s Students Centre, Ottappalam.
102. Sri T. G. Jacob, Pavoore House, Inchavila, Perinad, P. O. Quilon.
103. Sri Kallingal Ali, Ali Stores, Badagara
104. Sri P. Madhavan Nair, M. S. Book Depot, Main Road, Quilon
105. Sri K. C. Balan Nair, Book Centre, Opp. B. E. M. P. High School, Tellicherry-1
106. Sri C. Parameswaran Nair, Ceepees Books and Periodicals, Kaithamukku T. C. 27/178, Trivandrum-24.
107. K. T. Varkey, Sam Agencies, Ponkunnam.
108. Sri N. G. Raveendranathan Nair, Rajashree Traders, P. O. Road, Perumbavoor
109. M/s Jyothi Book Centre, Round West, Trichur.
110. Sri M. Subban, Students Stores, Kesavadasapuram, Ulloor Village, Trivandrum
111. Sri M. P. Rajendran, the Proprietor of M/s Gift House, Convent Road, Badagara.
112. Sri A. P. Thankappan Nair, New College Book Stall, Book Sellers, Muvattupuzha-686 661
3. " P. R. Rajasekharan, Sree Lakshmilvasam Book Depot, Broadway, Ernakulam
14. " Pandarathodi Hamsa, s/o P. Hydru, the Proprietor, Premier Book Stall, Opposite Government Hospital, Manjeri Road, Malappuram
15. " V. Ramakrishna Pillai, Proprietor, Raja Stores, Karunagappally
16. " R. Radhakrishna Pillai, Kallidukkil Veedu, Chadayamangalam, Kottarakkara, Quilon District
17. " N. E. Balakesavan, Proprietor, Modern Book Centre, Trivandrum
18. " K. Vasu Pillai, Nalloor, Mann Mandiram, Kanjiracode, Kundara, Quilon.
19. " N. Bhoothalingam Pillai, Swamy Book Centre, Trivandrum.

NAME OF AGENTS APPOINTED FOR THE SALE OF
GOVERNMENT PUBLICATIONS IN THE KERALA STATE

1. J. S. Paul and Sons, Cannanore.
2. G. Vital Prabhu, News Agent, Manjerwat.
3. K. R. Brothers, Calicut.
4. Moulavi Book Depot, Kasargode.
5. Kottayi Gopalan, Tellicherry.
6. Touring Book Stall, Calicut.
7. K. P. Ahamed Kunhi and Brothers, Cannanore.
8. Pallipat Stores, Irinjalkuda.
9. St. Joseph's Press, Perinthalmanna.
10. George Press, Ottapalam.
11. Travancore Law House, Ernakulam.
12. P. K. Brothers, Calicut.
13. C. P. Savankutty Keyi, Vidyodayam Book Stall, Tellicherry.
14. M. V. John, Law Book Seller, New Civil Courts, Tellicherry.
15. Manager, Higginbothams (Private) Ltd., Trivandrum.
16. Current Books, Publishers and Book Sellers, Trichur.
17. Educational Supplies Book Sellers, Publishers and Printers, Palghat.
18. H. and C. Stores, Dealers in Books, Kunnankulam.
19. Manager, Reddiar Press and Book Depot, Trivandrum.
20. K. Parameswaran Pillai, Stamp Vendor, Pulimoodu, Trivandrum.
21. Educational Supplies Depot, Trivandrum.
22. Jayachandra Book Depot, Chalai, Trivandrum.
23. S. Subramonia Iyer, Book Seller and Stamp Vendor, Kazhakootam.
24. S. Krishna Iyer, Stamp Vendor, Ayurveda College View, Trivandrum.
25. N. Parameswaran Pillai, Alummoodu Veedu, Stamp Vendor, Kottarakkara.
26. N. Neelakanta Iyer, Stamp Vendor, Padmavilasom Street, Fort, Trivandrum.
27. The Manager, K. V. Press and Book Depot, Main Road, Attungal.
28. K. Bhaskaran Nair, News Agent, Trivandrum.
29. The Proprietor, Kerala Book House, Cranganore.
30. K. K. Raghava Menon, Popular Book Depot, Cranganore.
31. C. M. Book Stall, Publishers, Parayil, Kunnankulam.
32. A. Jose, Proprietor, S. V. Press and Book Depot, Neyyattinkara.
33. N. Paramanandam, Proprietor, Ambika Press and Book Depot, Neyyattinkara.
34. The New-Order Book Company, Ellis Bridge, Ahmedabad
35. Pai and Company, Broadway, Ernakulam.
36. S. Hariharakrishna Iyer, Vinayaka Book Stall, Pazhavangadi, Trivandrum.
37. K. P. Gopalan, Swaraj Book Stall, Court Road, Quilandy.
38. Ambat Sekhara Menon, Proprietor, Menon Stores, Chittur-Cochin.
39. M. I. Abraham, News Agent and Book Seller, Punalur P.O.
40. K. G. Thomas, K. V. Book Depot, Chengannur.
41. C. L. Joseph, The National Stores, Thana, Irinjalkuda.
42. N. Krishnamoorthy, Merchant, Manantoddy.
43. T. I. Joseph and Sons, Prakasom Press and Book Depot, Irinjalkuda.
44. P. Radhakrishna Pillai, Sivavilasom, Kizhakkakara, Kottarakkara.
45. Vidyarambham Press and Book Depot (P) Ltd., Mullakkal, Alleppey.
46. K. S. Kumara Pillai, Sreekrumar Stores, Nedumangad.
47. E. K. John, Stamp Vendor, C/o Popular Trading Co., Kottayam.
48. The Mahatma Press, Palace Road, Trichur.
49. P. K. Chacko, Proprietor, Peckayceer Trades, Kottayam.
50. Janatha Book Stall, Near P.M.G.'s Office, Trivandrum.
51. The Secretary, Govt. Servants Co-operative Society Ltd., No. A208, Alleppey.
52. The Manager, St. Thomas Press, Palai.
53. The National Stores, Cannanore.
54. N. Chellappan Pillai, Naravana Press and Book Stall, Attungal.
55. K. Kunhambu, Bharath Printing Press, Kanhangad (P.O.), Cannanore.
56. Kozhy P. John, Vidyarthi Mithram Press and Book Depot, Kottayam.
57. Y. Habeebulla, Proprietor, New Book Centre, Near Collectorate, Qulon.
58. Vijayakumar Jain, Prabhu Book Service, Gurgoan, Hariyana.
59. Haji Abdul Rahman Sait, Merchant, Kesavadasapuram, Trivandrum-4
60. M. Balan, Manager, City Book Stall, R. S. Road, Ottapalam.
61. K. Kunjiraman, Manager, Jaya Stores, Vazhuthacaud, Trivandrum.
62. P. N. Naravana Pillai, M. N. Printers, Adoor
63. S. Krishna Iyer, Proprietor, Sree Saraswathy Stores, Thycud, Trivandrum.
64. V. M. Noohu, Book Seller, Ansari Book Stall, Nilamel.

(Continued to inside cover)



GOVERNMENT OF KERALA

ADMINISTRATION REPORT
OF THE
DEPARTMENT OF
TECHNICAL EDUCATION,
KERALA

FOR THE YEAR 1977-78

ADMINISTRATION REPORT
OF THE
DEPARTMENT OF
TECHNICAL EDUCATION, KERALA

FOR THE YEAR 1977-78



The Government of Kerala
1980



HIGHER EDUCATION (G) DEPARTMENT

G.O. (MS.) No. 43/80/H. Edn., Dated, Trivandrum 15th March, 1980.

Abstract.—Education—Technical—Administration Report of the Technical Education Department for the year 1977-78—Reviewed.

Read.—Letter No. PGP 6/14418/78, dated 5th October 1979 from the Director of Technical Education.

ORDER

1. Recorded.

2. Dr. S. Vasudev continued as the Director of Technical Education and Sri N. Sankara Iyer was the Administrative Officer during the period under report.

3. The Office of the Director of Technical Education was functioning in the Padmavilasom Palace, Fort, Trivandrum. During the year the Engineering College, Trichur was functioning under the control of the Cochin University.

4. The following institutions functioned under the direct control of the department with the annual intake noted against each, during the year under review :

Serial number	Type of institution	No. of institution		Total	Annual intake
		Government	Private		
1	2	3	4	5	6
1	Engineering Colleges ..	1	3	4	935
2	College of Fine Arts ..	1	..	1	30
3	Polytechnics ..	8	6	14	2365
4	Institute of Printing Technology ..	1	..	1	30
5	Art Schools ..	3	..	3	75
6	Women's Polytechnics ..	3	..	3	300

Serial number	Type of institution	No. of institution		Total	Annual intake
		Government	Private		
1	2	3	4	5	6
7	Junior Technical School ..	21	..	21	1230
8	Pre Vocational Training Centres ..	4	..	4	110
9	Commercial Schools ..	4	..	4	270
10	Government Industrial Schools ..	2	..	2	40
11	Tailoring Trade Schools ..	2	..	2	171
12	Tailoring and Garment Making Training Centres ..	11	..	11	320
13	Weaving Training Centre ..	1	..	1	20
14	Composing and Printing Centre ..	1	..	1	30
15	Book Binding Centre ..	2	..	2	60
16	Rattan Training Centre ..	1	..	1	10

*The Engineering College, Trichur was under the control of the Cochin University during the year.

Besides the above, the Regional Engineering College, Calicut and the Food Craft Institute at Kalamassery functioned as registered societies. The department exercised control over these two institutions in respect of grant-in-aid.

The State Board of Technical Education, Board of Studies in Engineering and Technology and also the staff council were functioning during the year under review.

5. The admission of students to the various technical institutions conducting Degree and Diploma Courses of study both under Government and private management was done by the department as in the previous years. The admission in Engineering Colleges, Polytechnics, Institute of Printing Technology, Junior Technical Schools, etc., was strictly made on the basis of marks secured by the candidate for the qualifying examination as the case may be subject to the principles of reservation laid down by Government for the socially and educationally Backward Classes Scheduled Castes and Scheduled Tribes, Sports Council nominees, etc.

6. There were 88 grant-in-aid schools in the private sector during the year under review. They coach students for Kerala Government Technical Examinations in various trades. There were 45 recognised Engineering institutions functioning during the year.

7. The details of students appeared and passed in Engineering Colleges, Polytechnics and Junior Technical Schools during the year under review were as follows :

Sl. No.	Name of institution	No. of students appeared	No. of students passed
1.	Engineering Colleges	1021	773
2.	Polytechnics	1895	1167
3.	Junior Technical Schools	943	545

Grants were disbursed to private engineering colleges and polytechnics after assessing the eligibility for the same. The department concentrated its activities on imparting technical education through various technical institutions both under Government and private sectors which coach students for various courses of study. The formulation and implementation of plan schemes and the monitoring of the progress in implementation of plan schemes were done by the department. The Scholarships to eligible students undergoing technical education in various institutions were granted by the department under various schemes.

8. The details of scholarships/stipends granted to students of various institutions were as follows :

Serial number	Name of institution	Scholarships		Stipend	
		No. of students	Amount Rs.	No. of students	Amount Rs.
1	2	3	4	5	6
1	Engineering Colleges	250	3,02,858-00	925	6,52,133-15
2	Polytechnics	143	1,24,323-70	3594	16,18,722-73
3	Institute of Printing Technology	..	..	29	16,908 17
4	Junior Technical Schools	255	49,281-80	354	1,97,429-27
5	Commercial Institutes	..	..	5	1,157 40
6	Pre Vocational Training Centres	..	..	144	61,737-15
7	Industrial Schools	..	..	22	12,840 50
8	T.G.M. Training Centres	..	..	44	23,494-83
9	Art Schools	..	..	-	..
10	Tailoring Trade Schools and Centres	..	..	20	11,309 65
11	Rattan Training Centre	..	..	9	5,000 39
12	Weaving Training Centre	..	..	8	NA
13	Book Binding Centre	..	..	21	6,883 94
14	Composing and Printing Centre	..	..	NA	NA
15	College of Fine Arts	1	750 00	20	10,267 90

9. During the year emphasis was giving to consolidation of the existing training facilities, quality improvement and diversification of courses to meet the manpower requirements in the country. Under the Scheme "Diversification of Courses" a degree course in Electronics and Telecommunication and one year Post Diploma Course in Refrigeration and Air Conditioning were started at T. K. M. College of Engineering, Quilon and Government Polytechnic, Kalamassery respectively. A three year Diploma Course in Polymer Technology was sanctioned at Government Polytechnic, Kottayam. Under the direct control Assistance Scheme, two centres—One Reprographic Centre at Central Polytechnic, Trivandrum and one production centre at N.S.S. Polytechnic, Pandalam were sanctioned. Teachers were sent for higher studies and training under the Scheme "Faculty Development" and "Teachers Training". The placement and training section expanded its activities of registration and selection of trainees under the Apprentices (Amendment) Act which were supplemented with appropriate follow-up action. All fresh graduates and diploma holders passing out of the various Engineering Colleges and Polytechnics in the State have registered in this section. More than 200 panels were sent to various engineering establishments. A short-term training programme was arranged for the first time for the first batch of post diploma students in Applied Electronics in the Central Polytechnic, Trivandrum.

10. During the year 1977-78, the total expenditure under plan scheme was Rs. 49.91 lakhs. The total amount paid by way of grant-in-aid to private Engineering Colleges and private Polytechnics was Rs. 73,03,690.00. The grant-in-aid paid to the Regional Engineering College, Calicut, the Food Craft Institute, Kalamassery and the Industrial Schools were Rs. 22,00,000, Rs. 4,00,000 and Rs. 1,85,000 respectively. The total receipts and expenditure of the Technical Education Department were Rs. 30,82,000 and Rs. 3,36,99,700 respectively. The amount of scholarships and stipends paid to the students studying outside the State during the year under review was Rs. 18,054.05.

11. The working of the department during the year under review was on the whole satisfactory.

(By order of the Governor)
 M. MOHANKUMAR,
 Secretary to Government.

**ADMINISTRATION REPORT OF THE DEPARTMENT OF
TECHNICAL EDUCATION, KERALA
FOR THE YEAR 1977-78**

CHAPTER I

ADMINISTRATION

General

1.1. Based on the recommendation of the Special Committee appointed by the Government of India, the Department of Technical Education was formed on 4th September, 1957. The technical institutions which were controlled by the University and the Department of Industries and Commerce were brought under the direct control of the Department with a view to co-ordinating Technical Education in matters of Syllabi, Standard, Examinations, etc. During the subsequent years several new institutions were started and new courses introduced. The number of institutions both Government and Private under the control of this Department is listed in Appendix I.

During the year the Engineering College, Trichur was functioning under the Control of the Cochin University. The details in respect of that college also have however, been covered in this report.

Advisory set up

1.2.1. *State Board of Technical Education.*—As per G.O. Ms. No. 102/77/H. Edn., dated 8th July 1977 the State Board of Technical Education was reconstituted.

There are 39 members including officials and non-officials. The Director of Technical Education is the Ex-officio Convener and the Education Minister of Kerala is the Chairman.

The main functions of this body are to co-ordinate the technical education at the State level and to advise the Government and the Department in matters connected with the Technical Education. The recognition of new institutions and starting of new courses of studies fall within the purview of the Board. A list of members of the State Board of Technical Education is given in the Appendix II.

1.2.2. *Board of Studies in Engineering and Technology.*—The Board of Studies in Engineering and Technology, advised the State Board of Technical Education in academic matters at and below the diploma level.

The list of members of the Board of Studies is given in the Appendix III.

CHAPTER II

DEPARTMENTAL ACTIVITIES

2.1. The activities of the Department are mainly as follows:

1. Imparting of technical education through its various institutions.

2. The selection and allotment of students to degree, diploma and certificate courses to the various technical institutions both Government and private according to the rules.

3. The formulation and implementation of plan schemes.

4. The disbursement of grants to private Engineering Colleges and Polytechnics after assessing the eligibility for the same.

5. Verification and passing of the claims relating to pay and allowances of staff of private Engineering Colleges and Polytechnics.

6. Award of various kinds of scholarships to the students undergoing technical education.

7. Control of the private Engineering and Tailoring and industrial institutions by way of granting recognition after conducting inspection.

8. Monitoring of implementation of plan schemes.

2.3. *Control of the Academic matters of the Institutions.*—The academic control in respect of Engineering Colleges is vested with the Universities at Kerala, Calicut and that of all the remaining institutions at and below diploma level with the State Board of Technical Education. The degree examinations are conducted by the Universities and the diploma and certificate examinations by the Examination Wing of the Department of Public Instruction on behalf of the Director of Technical Education. The question of conducting the diploma and certificate examinations by the Department is under the consideration of Government.

2.3. *Staff Council.*—Dr. S. Vasudev, Director of Technical Education and Sri J. Susupalan Pillai continued as the Chairman and Secretary respectively, of the staff council during the year. The staff council met three times during the year under review.

2.4. *Personnel.*—(1) *Director:*—Dr. S. Vasudev continued as Director during the year under report.

2. *Joint Director:*—Sri V. Kurian Thomas continued as the Joint Director (Planning, Placement and Guidance) till his retirement on 31st August 1977. From 4th July 1977 Sri C. I. Mathew was in charge during the year.

3. *Professor (Placement and Training).*—Dr. K. P. Parameswaran Pillai continued as Professor, (Placement and Training) during the year under report.

4. *Administrative Officer.*—Sri N. Sankara Iyer, Deputy Secretary to Government was the Administrative Officer during the period under report.

5. *Deputy Directors.*—Sri M. Padmanabhan, Sri George Pettah and Sri K. P. Hamza continued as Deputy Directors in charge of academic, Direct Payment, Planning and Monitoring and Purchase matters respectively. Sri C. I. Mathew who was posted as Deputy Director (General) from 4th July 1977 continued during the remaining period.

6. *Financial Assistant.*—Sri V. B. Kunhalikutty continued as Financial Assistant during the year under report.

7. *Administrative Assistant.*—Sri K. E. Nathen was the Administrative Assistant for the whole year.

8. *Accounts Officer.*—Sri T. K. Raghavan Nair and Sri K. Pichumony Naik were the Accounts Officers during the year under report.

2.5. *Directorate.*—The Office of the Director of Technical was functioning in the Padmavilasom Palace, Fort, Trivandrum.

CHAPTER III

ADMISSION TO ENGINEERING COLLEGE, POLYTECHNICS, WOMEN'S POLYTECHNICS AND JUNIOR TECHNICAL SCHOOLS

Engineering College

3.1. Admission to all the seats in Government Engineering College and 85 per cent of the seats in the three Private Engineering Colleges in the State was made by a Committee consisting of the Principals of Engineering Colleges, Chairman, Kerala State Electricity Board, Chief Engineer (General and Irrigation), Registrar, University of Kerala and the Director of Technical Education. The Committee was assisted by a special staff attached to the Directorate of Technical Education appointed for the purpose.

3.1.2. Admission to Engineering Colleges was made strictly on the basis of marks secured by the candidates for the Pre-Degree Examinations or the qualifying examination as the case may be, subject to the principles of reservation laid down by Government for the Socially and Educationally Backward Classes and the Scheduled Castes,

Scheduled Tribes, Sports Council nominees, nominees from other States and other reservations. The table showing the actual intake during the year 1977-78 is given in Appendix VI.

College of Fine Arts

3.2. Selection of candidates for admission to the first year integrated preparatory course was made from among those who had passed S.S.L.C. or equivalent with eligibility for college admission, on the basis of aptitude tests and interview which was conducted by a Committee appointed by Government. The ratio of marks for aptitude test and interview was 4:1. Minimum marks for pass in the aptitude test was 40 per cent; Scheduled Castes/Scheduled Tribes were allowed a reduced minimum of 35 per cent in the aptitude test for eligibility for interview.

Polytechnics

3.3.1. The selection of candidates for admission to all the Polytechnics in the Public Sector, Institute of Printing Technology and 85 per cent of the seats in the six private polytechnics was made by a Committee, consisting of the Principals of Polytechnics and the Principal, Institute of Printing Technology, Shoranur and Director of Technical Education with the assistance of the staff of the Directorate deputed for the purpose.

3.3.2. The selection of candidates for admission was made strictly on the basis of marks obtained for Mathematics and General Science in the S.S.L.C./J.T.S.L.C. Examination, subject to the principles of reservation of seats fixed by Government for Socially and Educationally Backward Classes, Scheduled Castes/Scheduled Tribes and other reservations.

3.3.3. During the year under report, the number of seats to Polytechnics was reduced to 80 per cent of the original sanctioned intake.

Women's Polytechnics

3.4. The selection of candidates for admission to the 3 Women's Polytechnics was also made by a committee consisting of the Principals of Women's Polytechnics and Director of Technical Education with the help of staff of the Directorate. The method of selection was the same as that followed for engineering colleges and polytechnics.

Junior Technical Schools

3.5. Admission to all the 21 Junior Technical Schools was made on the basis of marks obtained in the common test conducted by the Director of Technical Education, in the respective institutions, subject to the principles of reservation of seats to Scheduled Castes and

Scheduled Tribes laid down by Government. The selection in each institution was made by a Committee consisting of the Superintendent of the concerned Junior Technical School, a graduate teacher of the same school, an Industrialist of the area and the Principal of the nearest Polytechnic.

Private Grant-in-aid Schools

3.6. There were 88 grant-in-aid schools during the year under report. Students were given coaching in various trades like Tailoring, Embroidery, Printing, Weaving, Drawing, etc., for the Kerala Government Technical Examinations.

3.6.2. Admission to these institutions was made from candidates within the age group of 14-25 who have passed VII Standard or equivalent. These institutions were paid teaching grant at the rate of Rs. 85 per teacher subject to their satisfying the conditions laid down in the grant-in-aid code.

Private Engineering Institutions

3.7. The Private Engineering Institutions under the control of the Department were being inspected by the Departmental Officers and recognition awarded. Admission of candidates was done by the Private agencies themselves. During the year under report there were altogether 45 recognised Engineering Institutions.

CHAPTER IV

PROGRESS AND ACHIEVEMENTS IN THE FIVE YEAR PLAN SCHEMES DURING 1977-78

The year under report was the fourth year of the implementation of development programmes in the 5th Five Year Plan. During the year emphasis was given to consolidation of existing training facilities, quality improvement and diversification of courses to meet the manpower requirements in the country.

During the year 1977-78 the annual plan provision was Rs. 50 lakhs, of which an amount of Rs. 6.76 lakhs was for works. The total expenditure incurred was Rs. 49.91 lakhs. The expenditure under development heads alone came to Rs. 39.81 lakhs. The overall percentage of expenditure against the total provision was 99.82. The expenditure under the head viz., Direction and Administration, Polytechnics, Engineering Colleges, Faculty Development, Library Development, Curriculum Development, Scholarships, College of Fine Arts which exceeded the provision was met by diversion of funds.

Under the scheme "Diversification of Courses" a degree course in Electronics and Telecommunication with an intake of 30, one year Post Diploma Course in Refrigeration and Air conditioning with an intake of 10 were started at T.K.M. College of Engineering, Quilon and Government Polytechnic, Kalamassery respectively. A three year Diploma course in Polymer Technology was sanctioned at Government Polytechnic, Kottayam. Steps were also taken to start certain other diversified courses.

Under the Direct Central Assistance Scheme, two centres—One Reprographic Centre at Central Polytechnic, Trivandrum and one Production Centre at N.S.S. Polytechnic, Pandalama were sanctioned and amounts of Rs. 3.75 lakhs and Rs. 1.50 lakhs respectively received by these institutions. Steps to start these Centres were taken during the year.

Book Banks established in all the institutions, functioned during the year under review.

Teachers were sent for higher studies and training under the scheme 'Faculty Development' and 'Teachers Training'.

Regional Engineering College, Calicut and Food Craft Institute, Kalamassery, received grants of Rs. 1 lakh each during the year under report.

The Placement and Training Section expanded its activities of registration and selection of trainees under the Apprentices (Amendment) Act which were supplemented with appropriate follow-up action. All fresh graduates and diploma holders passing out of the various Engineering Colleges and Polytechnics in the State have registered in this section, immediately after the results were published. More than 200 panels were sent to various Engineering Establishments. A short term training programme was arranged for the first time for the first batch of post diploma students in Applied Electronics in the Central Polytechnic, Trivandrum. Similarly Training places were located for diploma holders in Instrument Technology, passing out the Women's Polytechnic, Trivandrum.

The major Civil Engineering projects undertaken during the year were the building works of J.T.S., Badagara, I.P.T., Shoranur and S.R.P., Valapad.

Centrally Sponsored Scheme

Under the Centrally Sponsored Scheme the Postgraduate courses in Engineering College, Trivandrum was continued during the year. Out of the provision of Rs. 14 lakhs an expenditure of Rs. 10.72 lakhs was incurred towards the payment of salary to the staff and scholarship to postgraduate students at Rs. 400 per month. The scheme-wise provision and expenditure under Plan Schemes implemented during 1977-78 are given below:

Scheme-wise statement of provision and expenditure

<i>Sl. No.</i>	<i>Name of scheme</i>	<i>Provision for 1977-78</i>	<i>Expenditure till 31st March 1977 (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
1.	Strengthening of Administration, Creation of Planning and Statistics cell	.. 1.50	1.64
	Do. Works	.. 1.00	..
2.	Junior Technical Schools, School of Arts, PVTCS	.. 3.50	2.73
	Do. Works	.. 1.00	3.83
3.	Government Polytechnics	.. 4.00	3.77
	Do. Works	.. 3.00	4.94
4.	Engineering Colleges	.. 6.00	6.24
	Do. Works	.. 0.50	1.33
5.	Assistance to Computer Centre	.. 0.25	0.25
6.	Regional Engineering College, Calicut	.. 1.00	1.00
7.	Part-time Courses	.. 2.50	1.09*
8.	Faculty Development	.. 7.50	8.32
9.	Private Engineering Colleges	.. 1.00	0.42
10.	Do Polytechnics	.. 1.00	0.50
11.	Food Craft Institute, Kalamassery	.. 1.00	1.00
12.	Scholarship	.. 0.40	0.62
13.	Text Books and Book Banks	.. 1.00	0.81
14.	Modernisation of laboratories	.. 0.50	0.27
15.	Apprenticeship Training	.. 1.00	0.55
16.	Teachers Training	.. 1.20	1.15
17.	Diversification of courses	.. 4.75	3.58
18.	Library Development	.. 1.00	1.14
19.	Science and Technology Museum	.. 0.25	0.30
20.	Curriculum Development Centre	.. 0.20	0.22
21.	Management Education	.. 0.10	0.06
22.	Teaching aids	.. 0.10	0.08

<i>Sl. No.</i>	<i>Name of scheme</i>	<i>Provision for 1977-78</i>	<i>Expenditure till 31st March 1977 (Rs. in lakhs)</i>
(1)	(2)	(3)	(4)
23.	College of Fine Arts,	.. 2.24	2.76
	Do. Works	.. 1.26	not reported
24.	Centre for Diploma in Commercial Practice	.. 1.15	1.24
25.	Free supply of text books to S.C./S.T. students	.. 1.10	0.07
	Total	.. <u>50.00</u>	<u>49.91</u>

Centrally sponsored schemes—

1.	Postgraduate Course in Engineering College, Trivandrum	.. 14.00	10.72
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*(The expenditure by Engineering College, Trichur not included)

CHAPTER V

ACTIVITIES OF GOVERNMENT INSTITUTIONS

Government Engineering Colleges

5.1.1. In the two Government Engineering Colleges at Trivandrum and Trichur undergraduate Courses in Civil, Mechanical, Electrical Engineering were conducted. In addition to the above, Electronics and Telecommunications and Architectural Engineering were conducted at College of Engineering, Trivandrum and Chemical Engineering and Naval Architecture Courses at Engineering College, Trichur were conducted the undergraduate level. These courses were run on semester pattern.

5.1.2. Both the colleges have continued, the 4 year Part-time Degree Courses in Civil, Mechanical and Electrical Engineering for the Diploma holders.

5.1.3. Two year Postgraduate courses in Civil, Mechanical and Electrical Engineering with different specialisation at the College of Engineering, Trivandrum, and in Mechanical and Electrical Engineering at Engineering College, Trichur were also conducted. Further, M.Sc. Degree Course in Electronics with specialisation in Microwave

Engineering at College of Engineering, Trivandrum and Chemical Engineering with specialisation in process control at Engineering College, Trichur were also conducted.

5.1.4. Part-time M.Sc. Degree Course of 3 years duration for Lecturers in Engineering Colleges was also conducted at the College of Engineering, Trivandrum.

5.1.5. The details of sanctioned intake and actual intake are given as Appendix V.

5.1.6. The Institution have taken active interest in sports and games by participating in State Championships Inter-collegiate Tournaments and Athletic Meets.

5.1.7. The total receipt, expenditure, hostel facilities, scholarships/stipends to students, library facilities, out-tern of students, training of teachers and such other details are given in the various tables appended.*

Note.—(*)Even though the Engineering College, Trichur was functioning under the control of the Cochin University during the year, it has also been covered under the Government Engineering Colleges for the purpose of this report.

Polytechnics

5.2. *Government Polytechnics.*—In the eight Government Polytechnics in the State three year Diploma Courses in Civil, Mechanical and Electrical Engineering were conducted during the year.

5.2.2. In addition to the above conventional courses, three year Diploma Course in Automobile Engineering and Chemical Technology at Government Polytechnic, Kalamassery, Electronics and Textile Technology at Central Polytechnic, Trivandrum, Chemical Engineering at Kerala Government Polytechnic, Calicut, Textile Technology at Government Polytechnic, Cannanore, three year Diploma in Commercial Practice at Government Polytechnic, Kottayam and a certificate course of 2 years duration in Textile Technology at Central Polytechnic, Trivandrum and a 2 years Certificate Course in Textile Technology at Government Polytechnic, Cannanore were also conducted.

5.2.3. Four year part-time Diploma Courses in Civil Mechanical and Electrical Engineering were also conducted at Central Polytechnic, Trivandrum, Government Polytechnic, Kalamassery, M.T.I., Trichur and Kerala Government Polytechnic, Calicut.

5.2.4. Post Diploma Courses in Industrial Electronics at Central Polytechnic, Trivandrum and Air Conditioning and Refrigeration at Government Polytechnic, Kalamassery with an intake of 10 each were also conducted during the year.

5.2.5. The Polytechnics participated in InterPolytechnic Meets and Youth Festivals.

5.2.6. The details of sanctioned and actual intake receipts and expenditure, hostel facilities, library, scholarship/stipends, training of teachers etc., etc., in the Government Polytechnics are given separately in the tables appended.

5.3.1. *Women's Polytechnics.*—Two year diploma courses in Costume Design and Dress Making and three year diploma courses in Commercial Practice were conducted in all the 3 Women's Polytechnics in Kerala. Besides, three year diploma course in Instrument Technology at Women's Polytechnic, Trivandrum and Electronics at Women's Polytechnic, Trichur were conducted.

5.3.2. All the three institutions have participated in sports, games and other extra curricular activities.

5.3.3. The Information on sanctioned and actual intake, receipt and expenditure hostel and library facilities, scholarship/stipend, Training of teachers, etc., etc., are given in the tables appended.

5.4.1. *Institute of Printing Technology, Shoranur.*—Three year Diploma Course in Printing Technology (letter press group) was conducted in the Institution. The sanctioned intake of the institution was 30 and all the seats were filled up during the year.

5.4.2. The institution participated in games visual education and association activities.

5.5.1. *Junior Technical Schools.*—In all the 21 Junior Technical Schools in Kerala, J.T.S.L.C. Course of 3 year duration was conducted. From the second year of the course, training was given to students in one of the following trades in each school:—

- (1) Machinshop
- (2) Turner
- (3) Fitting
- (4) Smithy
- (5) Pattern making
- (6) Welding
- (7) Sheetmetal
- (8) Motor Mechanic (only at Manjeri)
- (9) Moulding
- (10) Electric Repair (only at Trichur)

The sanctioned annual intake for the course was 60 in all the Junior Technical Schools except in Badagara where the sanctioned intake was 30 only. The actual intake in each institution is given in Appendix V.

5.5.2. The Junior Technical Schools took part in sports and games activities and youth festivals and conducted annual day celebrations, annual day sports and other association activities.

5.5.3. The other details such as scholarship/stipends, receipt and expenditure, library facilities, total strength, etc., etc., are given institution-wise in the tables appended.

5.6.1. *Art Institutions.*—There were 3 Art Institutions including a College of Fine Arts at Trivandrum. The other two institutions were Institute of Fine Arts, Trichur and R. V. Institute of Fine Arts, Mavelikkara. As a result of the upgradation of School of Arts, Trivandrum the craft section is now functioning at the Central Polytechnic, Trivandrum and the Pottery Section is continuing at the College of Fine Arts, Campus.

5.6.2. In the College of Fine Arts, National Diploma Course of 5 years duration in painting, sculpture and applied art were offered.

5.6.3. At the R. V. Institute of Fine Arts, 2 year Certificate course and 4 year Diploma Course in—

1. Drawing and Painting.

2. Sculpture and Modelling and 1 year Post Diploma Course were conducted.

5.6.4. Diploma Course in Drawing and Painting and Diploma course in Engraving were conducted at the Institute of Fine Arts, Trichur.

5.6.5. The details on other activities are given separately in the tables appended.

Commercial Institutions

5.7.1. Diploma Course in Shorthand and Typewriting:—

Diploma course in Shorthand and Typewriting of two years duration was conducted as a part-time course at Trivandrum. The sanctioned annual intake was 30 and all the seats were filled up. The other details about the course are given in the tables appended.

5.7.2. *Government Commercial Institutions.*—Three such Institutions functioned during the year at Trivandrum, Ernakulam and Manjeri of which the institutions at Trivandrum and Manjeri were started in 1975-76. The courses offered were typewriting and shorthand (English and Malayalam) Business Organisation and Secretarial Practice, Salesmanship and Marketing, Banking Law and Practice, Co-operation Theory and Practice and Accountancy. The course was of two years duration leading to K.G.T.E. Certificate—Further details are given in the tables appended.

5.8.1. *Pre-vocational Training Centres.*—There were altogether four Pre-vocational Training Centres attached to the Junior Technical Schools, Attingal, Kodungallur, Manjeri and Cannanore.

5.8.2. The Pre-vocational Training Centres at Attingal and Manjeri offered engineering trades, while the centres at Cannanore and Kodungallur offered courses in Home Economics and Agriculture respectively. Only girls were admitted to Pre-vocational Training Centre of Cannanore. Girls admitted to Pre-vocational Training Centre at Manjeri were given training in Tailoring Trade.

5.8.3. The sanctioned annual intake, actual intake scholarships, stipend and other information are given in the tables appended.

5.9. *Tailoring and Garment Making Training Centres.*—During the year under report there were eleven tailoring and garment making centres under the department functioning at Pattom, Thevally, Kanjikuzhy, Tripunithura, Narakkal, Trichur, Kalpathy, Kondotty, Badagara, Dharmadom and Payyannur. One year course in tailoring and garment making was conducted in these centres. Details in respect of individual institutions are given separately in the tables appended.

5.10. *Government Industrial Schools.*—There were two Government Industrial Training Schools in the Department functioning at Irinjalkuda and Wadakkancherry. Two year Diploma Course in Tailoring and Embroidery was conducted in these centres. More details are given in the tables attached.

5.11.1. *Vocational Training Centres.*—There were nine Vocational Training Centres in the State Offering Courses in Tailoring at Haripad, Devikulam, Parasala, Pachallur, Karimkulam, Kanjiramkulam Kandala, Chirayinkul and Chengannur. The duration of the course was one year.

5.11.2. There was a rattan training centre functioning at Paraniyam near Poovar where two year course for rattaning was offered.

5.11.3. There were four other centres, where one year coaching was offered in bookbinding at Kulathur and Manacaud and composing and bookbinding at Vattiyookavu and weaving training at Aralummod.

5.11.4. Further details relating to the individual institutions are given in the tables appended.

Private Institutions

5.12.1. *Private Engineering Colleges.*—In three private Engineering Colleges at Quilon, Kothamangalam and Palghat undergraduate courses in Civil, Mechanical and Electrical Engineering were conducted.

degree course in Electronics was also started at T.K.M. College of Engineering, Quilon during the year. The sanctioned and actual intake in each college are given in the table appended.

5.12.2. All these institutions took part in extracurricular activities and an expenditure of Rs. 14,069 was incurred by T.K.M. College of Engineering, Quilon, Rs. 15,668 by M.A. College of Engineering, Kothamangalam and Rs. 5,860 by N.S.S. College of Engineering, Palghat, for the extracurricular activities.

5.12.3. Other details such as total strength, outturn, receipt and expenditure, scholarship/stipend, library facilities, hostel, training of teachers, etc., etc. are given separately in the table appended.

5.12.4. *Private Polytechnics.*—Out of the six private polytechnics 3 year full time Diploma courses in Civil, Mechanical and Electrical Engineering were conducted in all the polytechnics except at Swamy Nithyananda Polytechnic, Kanhangad where only courses in Mechanical and Automobile Engineering were conducted. A three year Diploma course in Electronics was also conducted at Seethi Sahib Memorial Polytechnic, Tirur.

5.12.5. The institutions participated in activities like sports games and Arts Club Association.

5.12.6. Particulars relating to other activities of the institutions are given in the tables appended.

CHAPTER VI

REGIONAL ENGINEERING COLLEGE, CALICUT.

6.1. The Regional Engineering College, Calicut which was started in September, 1961 is the ninth of its kind sponsored by the Government of India and the first one established during the Third Five Year Plan period. The college is a joint enterprise of the Central Government and the Kerala State Government and has been registered as a society under the XXI Societies Registration Act of 1860. It is under the management and control of a Board of Governors consisting of members representing the States in the Southern Region, the All India Council for Technical Education, the Southern Regional Committee and the Ministry of Education of the Government of India.

6.1.2. During the year under report, one year Engineering Preparatory, 4 years B.Sc. Engineering in Civil, Mechanical and Electrical Engineering and 2 years M.Sc. Engineering courses in Structural Engineering, Heat, Power (Refrigeration and Air conditioning) and Instrumentation and Control System were conducted in the Regional Engineering College, Calicut.

6.1.3. Extracurricular activities were organised by the students under different clubs for sports and games, fine arts, literary and debating activities, painting and sketching, gymnastic, social service league, audio visual, N.S.S. and industrial forum. Three departmental associations in Civil, Mechanical and Electrical Engineering were also organised.

6.1.4. An expenditure of Rs. 71,013.30 was incurred towards the extracurricular activities. An amount of Rs. 1,777.50 had also been incurred by the adventure club.

6.1.5. The details on other activities are given in the table attached.

FOOD CRAFT INSTITUTE, KALAMASSERY

6.2.1. During the year 1977-78 the following courses were conducted in the Food Craft Institute, Kalamassery:—

One year Certificate course in:—

1. Hotel Reception, Book-keeping and Typewriting.
2. Restaurant and counter service.
3. Cookery.
4. Bakery and confectionary.
5. Canning and food preservation.

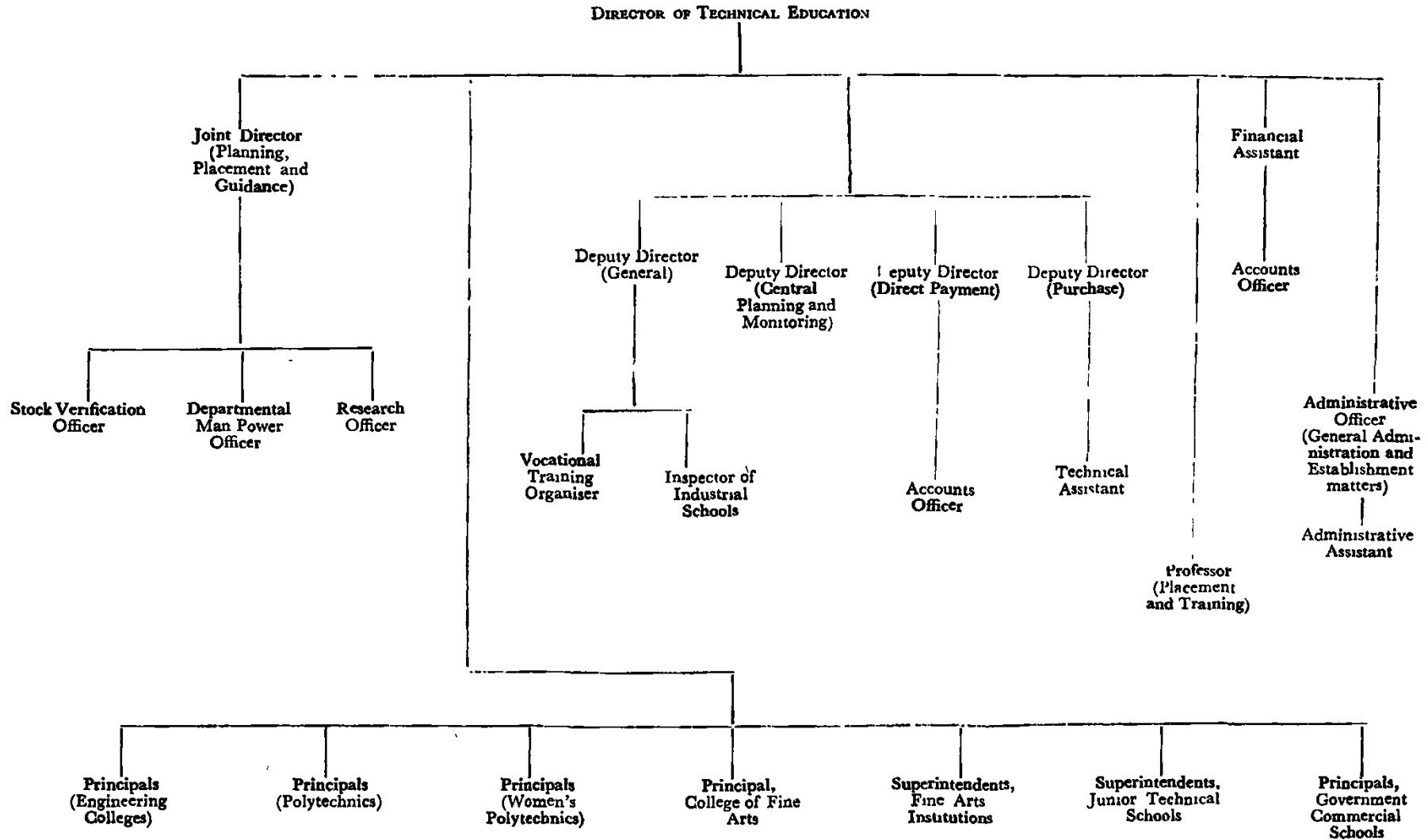
A part-time housewives course for 13 weeks in cookery, bakery and confectionary was also conducted in the institution. Good Hostess Food Service Course for three weeks and refresher course in Rest; Service for 2 months were also conducted.

6.2.2. The Institute had no facilities for hostel accommodation. Seats in the Government Polytechnic Hostel, Kalamassery had been allotted for the students of this institute.

6.2.3. Educational tour to hotels, factories, and places of archaeological importance, etc., were arranged. An expenditure of Rs. 1,623.17 has been incurred for the extracurricular activities.

6.2.4. A refresher course of 2 months during in restaurant service was conducted for the persons working in the industry. The sanctioned intake was 20 and 18 were admitted for the course.

ORGANISATION OF THE DEPARTMENT OF TECHNICAL EDUCATION



6.2.5. The other relevant information are given in the table appended.

6.2.6. Details of grants paid to the private Engineering Colleges and Polytechnics, Regional Engineering College, Calicut, Food Craft Institute, Kalamassery, Scholarships, Grant-in-aid and Non-tax Revenue during 1977-78 are given below:

I. GRANTS:

	<i>Rs.</i>
(a) Total amount paid by way of grant-in-aid to Private Engineering Colleges ..	39,36,590
(b) Total amount paid by way of grant-in-aid to Private Polytechnics ..	33,67,100
(c) Total amount paid by way of grant-in-aid to Private Industrial Schools ..	1,85,000
(d) Grant-in-aid to Regional Engineering College, Calicut ..	22,00,000
(e) Grant-in-aid to Food Craft Institute, Kalamassery ..	4,00,000

II. SCHOLARSHIPS:

Amount of scholarships and stipends paid to students from Kerala studying outside the State during 1977-78 ..	18,054,05
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III. TOTAL RECEIPT OF THE DEPARTMENT:

1. Non-tax Revenue	Nil
2. Other non-tax Revenue ..	30,82,000
(a) Arrears outstanding at the beginning of the year (as on 31-3-1977) ..	2,41,000
(b) Demand for the year (1977-78) ..	33,71,000
(c) The amount collected during the year 1977-78 ..	30,82,000
(d) The amount remitted or written off during the year 1977-78 ..	Nil
(e) Balance carried forward to the subsequent year ..	5,30,000

IV. Total expenditure of the Department during 1977-78 ..	3,36,99,700
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TABLE I

The details of sanctioned annual intake and the total strength of the various institutions

<i>Sl. No.</i>	<i>Institutions</i>	<i>No. of institutions</i>	<i>Sanctioned annual intake</i>	<i>Total strength</i>
(1)	(2)	(3)	(4)	(5)
1.	Government Engineering Colleges	2	485	1664
2.	Private Engineering Colleges	3	450	1503
3.	Government Polytechnics	8	1512	3790
4.	Private Polytechnics	6	853	2175
5.	Institute of Printing Technology	1	30	79
6.	Women's Polytechnic	3	300	761
7.	Junior Technical Schools	21	1230	3497
8.	Fine Arts Institutions	2	75	149
9.	Commercial Institutes	4	270	441
10.	Pre-vocational Training Centre	4	110	271
11.	Industrial Schools	2	40	73
12.	T.G.M. Training Centres	11	320	320
13.	Tailoring Trade Centres	9	171	171
14.	Book Binding Centres	2	60	58
15.	Rattan Training Centre	1	10	10
16.	Composing and Printing Centre	1	30	30
17.	Weaving Training Centre	1	20	21
18.	College of Fine Arts	1	30	106

TABLE II
Details of scholarships and stipends

Serial number	Name of institutions	No. of institutions	Scholarships		Stipend	
			No. of students	Amount Rs.	No. of students	Amount Rs.
1	2	3	4	5	6	7
1	Government Engineering Colleges	2	143	1,97,784-65	375	4,00,697-18
2	Private Engineering Colleges	3	107	1,04,473-35	550	2,51,435-97
3	Government Polytechnics	8	90	99,692-45	1929	7,94,627-58
4	Private Polytechnics	6	12	9,593-35	1290	6,70,302-08
5	Institute of Printing Technology	1	..	..	29	16,908-17
6	Women's Polytechnics	3	41	15,037-90	375	1,53,793-07
7	Junior Technical Schools	21	255	49,281-80	354	1,97,429-27
8	Commercial Institutes	4	..	..	5	1,157-40
9	Pre-vocational Training Centres	4	..	..	144	61,737-15
10	Industrial Schools	2	..	..	22	12,840-50
11	T.G.M. Training Centres	11	..	..	44	23,494-83
12	Art Schools	2	..	..	..	..
13	Tailoring Trade Schools and Centres	9	..	..	20	11,309-65
14	Rattan Training Centre	1	..	..	9	5,900-39
15	Weaving Training Centre	1	..	..	8	N.A.
16	Book Binding Centre	2	..	..	21	6,88394
17	Composing and Printing Centre	1	..	..	N A.	N.A.
18	College of Fine Arts	1	1	750-00	20	10,267-90

LIST OF APPENDIX

- I. Number of institutions under the direct control of the Department.
- II. List of Members of the State Board of Technical Education.
- III. List of Members of the Board of Studies in Engineering and Technology.
- IV. List of Heads of Institutions.
- V. Sanctioned intake, actual intake, No. of B.C.,S.C./S.T. students admitted during 1977-78.
- VI. (a) Branch-wise intake of Engineering Colleges during 1977-78.
(b) Branch-wise intake of Polytechnics, Women's Polytechnics and Institute of Printing Technology, 1977-78.
- VII. Total strength of students, B.C ,S.C./S.T. students during 1977-78.
- VIII. Year-wise and sex-wise strength of Engineering Colleges, Polytechnics and Junior Technical Schools during 1977-78
- IX. No. of students appeared and passed in Engineering Colleges, Polytechnics and Junior Technical Schools
- X. Details of hostel facilities during 1977-78.
- XI. Details of library facilities during 1977-78.
- XII. Receipts and expenditure of institutions and hostels during 1977-78.
- XIII. Total number of staff as on 31-3-1978 in Engineering Colleges, Polytechnics and Junior Technical Schools.
- XIV. Scholarships and stipends during 1977-78.
- XV. List of persons sent for training during 1977-78 (Institution-wise).

APPENDIX I

**Number of institutions under the direct control
of the Department**

Sl. No.	Type of Institution	No. of Institutions		Total
		Government	Private	
(1)	(2)	(3)	(4)	(5)
1.	Engineering Colleges	..	1 3	4*
2.	College of Fine Arts	..	1 ..	1
3.	Polytechnics	..	8 6	14
4.	Institute of Printing Technology	..	1 ..	1
5.	Art Schools	..	3 ..	3
6.	Women's Polytechnics	..	3 ..	3
7.	Junior Technical Schools	..	21 ..	21
8.	Pre-vocational Training Centre	..	4 ..	4
9.	Commercial Schools	..	4 ..	4
10.	Government Industrial Schools	..	2 ..	2
11.	Tailoring Trade Schools	..	2 ..	2
12.	Tailoring and Garment Making Training Centre	..	11 ..	11
13.	Weaving Training Centre	..	1 ..	1
14.	Composing and Printing Centre	..	1 ..	1
15.	Book Binding Centres	..	2 ..	2
16.	Rattan Training Centre	..	1 ..	1

(One is part-time)

* The Engineering College, Trichur was under the control of the Cochin University during the year.

In addition to the above institutions there is one Regional Engineering College at Calicut and one Food Crafts Institute at Kalamasserry which function as registered societies. The department exercises control over them in respect of grant-in-aid.

APPENDIX II

List of Members of the State Board of Technical Education

1. The Minister for Education	Chairman
2. The Special Secretary to Government, Higher Education Department	Member
3. The Secretary to Government, General Education Department	„
4. The Secretary to Government, Indus- tries Department	„
5. The Secretary to Government, Finance Department	„
6. The Director of Industries and Commerce	„
7. The Director of Employment and Training	„
8. The Director of Collegiate Education	„
9. The Director of Public Instruction	„
10. The Chief Engineer (General), Public Works Department	„
11. Sri K. M. Bahavuddin, Principal, Regional Engineering College, Calicut	Expert (Civil)
12. Professor P. S. Subramoniam, Princi- pal, College of Engineering, Tri- vandrum	„ (Mechanical)
13. Dr. S. Narayana Iyer, Professor in Electrical Engineering, College of Engineering, Trivandrum	„ (Electrical)
14. The Senior Architect to Government, Trivandrum	Architecture
15. Sri K. P. P. Nambiar, Chairman, Keltron, Trivandrum	Expert (Telecom- munication)
16. Dr. M. V. Raghavacharrrya, Professor in Chemical Engineering, College of Engineering, Trichur	Expert (Chemical)
17. Sri V. K. Jawaharlal, Principal, Institute of Printing Technology, Shoranur	Expert (Printing)

18. Professor O. K. Sreedharan, Government College, Malappuram Expert (Commerce)
 19. One nominee of the University of Kerala.
 20. One nominee of the University of Cochin.
 21. One nominee of the University of Calicut.
 22. One nominee of the Southern Regional Committee.
 23. One nominee of the Institution of Engineers.
 24. One nominee of the Government of India, The Assistant Educational Adviser (Technical), Southern Regional Office, Madras.
 25. One nominee of the I.S.R.O.
 26. One nominee of the Indian Society of Technical Education.
 27. Sri K. K. S. Thangal, M.L.A. to represent—Labour.
 28. Sri A. K. Kaderkutty, Western India Plywood Limited, Baliapattam—Representing Industry.
 29. Principal, S.S.M. Polytechnic, Tirur.
 30. Sri C. I. Mathew, Principal, Government Polytechnic, Kalamassery.
 31. Sri R. Govinda Menon, Principal, N.S.S. College of Engineering, Palghat.
 32. Sri N. Bhaskara Kurup, Principal, N.S.S. Polytechnic, Pandalam,
 33. Sri T. K. Surendran, Superintendent, Junior Technical School, Kodungallur
 34. The General Manager, National Textile Corporation, Cochin.
 35. Sri S. Kasturi, Director and General Manager, Cochin Shipyard Limited, Cochin
 36. Sri C. L. Porinchikutty, Arts and Crafts
- } A representative of the Association of Indian Engineering Industry
37. Mrs. Leela Damodara Menon, Member of the Parliament.
 38. The President, Diploma Engineers' Association, Sasthamangalam, Trivandrum.
 39. The Director of Technical Education, Trivandrum—Convener

APPENDIX III

Board of Studies in Engineering and Technology

1. Director of Technical Education (Chairman).
2. The Director of Public Instruction, Kerala.
3. The Chief Engineer (General), Public Works Department
Trivandrum.
4. The Chief Engineer (Electrical), Kerala State Electricity
Board.
5. Sri G. S. Salem,
Principal, Government Polytechnic, Kottayam.
6. Sri Ramavarma Appan Thampuran,
Sr. Lecturer, Government Polytechnic, Cannanore.
7. Sri K. Abdulla,
Principal, S.S.M. Polytechnic, Tirur.
8. Dr. M. V. [Raghavacharya,
Head of Department of Chemical Engineering, College
of Engineering, Trichur.
9. Sri N. Bhaskara Kurup,
Principal, N.S.S. Polytechnic, Pandalam.
10. Sri. Janaranjanadasan,
Professor of Commerce, Government Arts College,
Trivandrum.
11. Head of Department of Mechanical Engineering, Enginee-
ring College, Trivandrum
12. Sri P. S. Subramoniam,
Principal, Engineering College, Trivandrum.
13. Sri George Pettah,
Deputy Director of Technical Education, Trivandrum.

APPENDIX IV

List of Heads of Institutions during 1977-78

<i>Sl. No.</i>	<i>Name of institution</i>	<i>Name of Principal/ Superintendent</i>	<i>Period</i>
ENGINEERING COLLEGES :—			
1.	College of Engineering, Trivandrum	Professor, P. S. Subramoniam	1977-78
2.	College of Engineering, Trichur	Dr. P. J. George	1977-78
3.	T. K. M. College of Engineering, Quilon	Professor, P. O. J. Lebba	1977-78
4.	M.A. College of Engine- ering, Kothamangalam	Professor, V. K. M. John	1977-78
5.	N.S.S. College of Engine- ering, Palghat	Professor, R. Govinda Menon	1977-78
6.	Regional Engineering College, Calicut	Professor, K. M. Bahavuddin	1977-78
POLYTECHNICS :—			
1.	Central Polytechnic, Tri- vandrum	Sri C. N. Rajan	1977-78
2.	Government Polytechnic, Kottayam	,, S. Ganapathy	1977-78
3.	Government Polytechnic, 1. Kalamassery	,, C. I. Mathew	..
	2.	,, G. G. Salem	..
4.	M.T.I., Trichur	1. ,, V. Krishna	1-4-1977
		Moosad (Head of Mechanical Engg.)	to 4-5-1977
		2. ,, S. Ganapathy Iyer	5-5-1977
			to 8-7-1977
		3. ,, V. Krishna	9-7-1977
		Moosad	to 14-7-1977
		4. ,, C. V. Raghavan	15-7-1977
		Nair	to 31-3-1978

APPENDIX IV—(cont.)

<i>Sl. No.</i>	<i>Name of institution</i>	<i>Name of Principal/ Superintendent</i>	<i>Period</i>
5.	Government Polytechnic, Perinthalmanna	Sri B. Sreedhara Warriar	1977-78
6.	Kerala Government Polytechnic, Calicut	1. ,, C. V. Raghavan Nair	1-4-1977 to 8-7-1977
		2. ,, M. V. Sreenivasa Moorthy	8-7-1977 to 8-10-1977
		3. ,, N. Ramachandra-Pisharady (Head of Civil Section)	8-10-1977 to 22-1-1978
		4. ,, E. Narayana Iyer	23-1-1978 to 31-3-1978
7.	Government Polytechnic, Cannanore	1. ,, M. V. Sreenivasa Moorthy	1-1-1977 to 30-6-1977
		2. ,, V. K. Mohamood	1-7-1977 to 31-3-1978
8.	Sree Rama Polytechnics, Valapad	1. ,, S. Ganapathy	1-4-1977 to 26-4-1977
		2. ,, P. S. Aravindakshan	26-4-1977 to 31-3-1978
9.	Institute of Printing Technology, Shoranur	,, V. K. Jawaharlal	1977-78
10.	S.N. Polytechnic, Kottiyam	,, N. G. Bahuleyan	1977-78
11.	Carmel Polytechnic, Alleppey	,, P. Balan	1977-78
12.	N.S.S. Polytechnic, Pandalam	,, N. Bhaskara Kurup	1977-78

APPENDIX IV—(cont.)

<i>Sl. No.</i>	<i>Name of institution</i>	<i>Name of Principal/ Superintendent</i>	<i>Period</i>
13.	Thiagaraja Polytechnic, Alagappanagar	Sri N. Ravindranathan	1977-78
14.	S.S.M. Polytechnics, Tirur	„ K. Abdulla	1977-78
15.	S.N. Polytechnic, Kanhangad	„ V. Govindan	1977-78
16.	Women's Polytechnic, Trivandrum	„ M. Narayanan	1977-78
17.	Women's Polytechnic, Trichur	„ M. Venkiteswaran	1977-78
18.	Women's Polytechnic, Calicut	„ Jipson Charles	1977-78

JUNIOR TECHNICAL SCHOOLS :—

1.	Junior Technical School, Nedumangad	1. „ A. Abdul Vahid	1-4-1977 to 15-5-1977
		2. „ K. Padmanabhan Nair	16-5-1977 to 31-3-1978
2.	Do. Attingal	„ L. Mathew	1977-78
3.	Do. Adoor	„ P. N. Mathew	1977-78
4.	Do. Ezhukone	„ M. G. Gopinathan Nair	1977-78
5.	Do. Shertallai	„ G. Krishnamurthy Iyer	1977-78
6.	Do. Krishnapuram	„ V. Gopalakrishnan Nair	1977-78
7.	Do. Pampady	1. „ K. Joseph Mathew	1-4-1977 to 1-7-1977
		2. „ T. I. Thomas	2-7-1977 to 31-3-1978

APPENDIX IV—(cont.)

<i>Sl. No.</i>	<i>Name of institution</i>	<i>Name of Principal/ Superintendent</i>	<i>Period</i>
8.	Junior Technical School, Palai	Sri R. Krishnankutty Nair	1977-78
9.	Do. Perumbavoor	1. ,, T. I. Thomas	1-4-1977 to 1-7-1977
		2. ,, K. Joseph Mathew	1-7-1977 to 31-3-1978
10.	Do. Koratty	,, P. K. Varkey	1977-78
11.	Do. Kodungallur	,, T. K. Surendran	1977-78
12.	Do. Trichur	,, C. Ramachandran	1977-78
13.	Do. Kunnamkulam	,, K. K. Udappunny	1977-78
14.	Do. Chittur	,, P. A. Mohamed Ali	1977-78
15.	Do. Shoranur	,, A. Ramachandran	1977-78
16.	Do. Calicut	Principal, Kerala Go- vernment Poly- technic, Calicut	1977-78
17.	Do. Badagara	Sri C. K. Moosakoya	1977-78
18.	Do. Manjeri	,, K. Raman	1977-78
19.	Do. Cannanore	,, A. K. Venugopalan	1977-78
20.	Do. Cheruvathur	,, C. K. Bhaskara Poduval	1977-78
21.	Do. Mattannur	,, K. Venugopal	1977-78

ART INSTITUTIONS :—

1.	College of Fine Arts, Trivandrum	,, C. L. Porinchu- kutty	1977-78
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APPENDIX IV—(cont.)

<i>Sl. No.</i>	<i>Name of Institution</i>	<i>Name of Principal Superintendent</i>	<i>Period</i>
2.	R. V. Institute, Mavelikara	Sri M. Sekharan	1977-78
3.	Institute of Fine Arts, Trichur	„ C. Krishnankutty Menon	1977-78
COMMERCIAL INSTITUTES :—			
1.	Government Commercial Institute, Trivandrum	„ R. Krishnankutty	1977-78
2.	Shorthand and Typewriting, Trivandrum	„ P. N. Balakrishnan Nair	1977-78
3.	Government Commercial Institute, Ernakulam	„ S. Ramadathan Unni	1977-78
4.	Government Commercial Institute, Manjeri	„ T. A. Baby	1977-78

APPENDIX V

Sanctioned intake, actual intake, No. of Backward Community Students and No. of Scheduled Castes/
Scheduled Tribes Students admitted during 1977-78

Serial number	Name of Institution	Sanctioned intake	No. of students admitted			No. of Backward Class Students admitted			No. of Scheduled Castes/Scheduled Tribes admitted		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11	12
ENGINEERING COLLEGES											
1	Engineering College, Trivandrum	.. 295	233	60	293	19	6	25	15	2	17
2	Engineering College, Trichur	.. 190	143	37	180	43	11	54	9	..	9
3	T. K. M. College of Engineering, Quilon	.. 210	171	38	209	23	4	27	10	..	10
4	M. A. College of Engineering, Kothamangalam	.. 120	100	20	120	23	6	29	4	..	4
5	N. S. S. College of Engineering, Palghat	.. 120	112	8	120	35	1	36	..	1	1
6	Regional Engineering College, Calicut	.. 280	233	10	243	38	2	40	8	..	8
	Total	.. 1215	992	173	1165	181	30	211	46	3	49
POLYTECHNICS											
1	Central Polytechnic, Trivandrum	.. 338	304	31	335	109	8	117	33	7	40
2	Government Polytechnic, Kottayam	.. 120	100	18	118	27	13	40	7	1	8
3	Government Polytechnic, Kalamassery	.. 258	229	25	254	99	12	111	16	3	19
4	Maharja's Technological Institute, Trichur	.. 168	155	11	166	54	3	57	16	1	17
5	Government Polytechnic, Perinthalmanna	.. 75	73	3	76	38	1	39	13	..	13
6	Kerala Government Polytechnic, Calicut	.. 275	261	7	268	126	4	130	25	..	25

7	Government Polytechnic, Cannanore	..	170	162	4	166	106	3	109	13	..	13
8	Sree Rama Polytechnic, Valapad	..	108	195	13	108	59	9	68	4	..	5
9	Institute of Printing Technology, Shoranur	..	30	22	8	30	8	2	10	3	..	4
10	S. N. Polytechnic, Kottiyam	..	163	156	7	163	89	7	96	18	..	18
11	Carmel Polytechnic, Alleppey	..	164	154	10	164	54	2	56	11	..	12
12	N S. S. Polytechnic, Pandalam	..	162	153	6	159	39	4	43	15	..	15
13	Thyagarajar Polytechnic, Alagappanagar	..	162	148	12	160	37	7	44	14	..	14
14	S. S. M. Polytechnic, Tirur	..	145	124	4	128	92	..	92	8	..	8
15	S. N. Polytechnic, Kanhangad	..	57	56	..	56	30	..	30	2	..	2
Total		..	2395	2192	159	2351	967	75	1042	198	15	213
WOMEN'S POLYTECHNICS												
1	Trivandrum	..	95	..	95	95	..	37	37	..	24	24
2	Trichur	..	125	..	124	124	..	60	60	..	11	11
3	Calicut	..	80	..	80	80	..	50	50	..	1	1
Total		..	300	..	299	299	..	147	147	..	36	36
JUNIOR TECHNICAL SCHOOLS												
1	J. T. S., Nedumangad	..	60	56	4	60	17	2	19	8	1	9
2	,, Attingal	..	60	60	..	60	32	..	32	14	..	14
3	,, Adoor	..	60	58	2	60	7	1	8	7	1	8
4	,, Ezhukone	..	60	57	3	60	14	2	16	10	..	10
5	,, SHERTHALAI	..	60	60	..	60	..	..	..	6	..	6
6	,, Krishnapuram	..	60	55	..	55	27	..	27	5	..	5
7	,, Pampady	..	60	50	..	50	11	..	11	9	..	9
8	,, Palai	..	60	55	2	57	12	..	12	7	2	9
9	,, Perumbavoor	..	60	53	6	59	12	1	13	4	3	7
10	,, Koratty	..	60	55	..	55	7	..	7	5	..	5
11	,, Kodungallur	..	60	55	..	55	45	..	45	5	..	5

APPENDIX V—(cont.)

Serial number	Name of Institution	Sanctioned intake	No. of students admitted			No. of Backward Class students admitted			No. of Scheduled Castes/Scheduled Tribes admitted		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
			1	2	3	4	5	6	7	8	9	10	11	12
JUNIOR TECHNICAL SCHOOLS—(cont.)											
12	Junior Technical School, Trichur	60	60	..	60	19	..	19	6	..	6
13	„ Kunnankulam	60	54	1	55	21	..	21	7	1	8
14	„ Chittur	60	60	..	60	..	..	..	5	..	5
15	„ Shoranur	60	60	6	66	32	2	34	8	2	10
16	„ Calicut	60	54	..	54	32	..	32	5	..	5
17	„ Badagara	30	30	..	30	27	..	27	3	..	3
18	„ Manjeri	60	49	..	49	43	..	43	5	..	5
19	„ Cannanore	60	45	13	58	25	8	33	3	3	6
20	„ Cheruvathur	60	39	3	42	10	1	11	2	2	4
21	„ Mattannur	60	55	..	55	26	..	26	1	..	1
	Total	1230	1120	40	1160	419	17	436	125	15	140
ART INSTITUTIONS											
1	College of Fine Arts, Trivandrum	30	26	4	30	16	3	19	..	..	..
2	R. V. Institute, Mavelikara	45	37	5	42	14	3	17	11	..	11
3	Institute of Fine Arts, Trichur	30	26	5	31	17	1	18	2	3	5
	Total	105	89	14	103	47	7	54	13	3	16

COMMERCIAL SCHOOLS												
1	Government Commercial Institute, Trivandrum	..	60	25	31	56	21	23	44	4	8	12
2	" Ernakulam	..	120	50	53	103	34	28	62	4	9	13
3	" Manjeri	..	60	40	20	60	29	12	41	1	2	3
4	Diploma Course in Shorthand and Typewriting, Trivandrum	..	30	23	7	30	13	5	18	1	1	2
	Total	..	270	138	111	249	97	68	165	10	20	30
INDUSTRIAL SCHOOLS												
1	T. G. M. T. Centre, Pattam	..	60	..	60	60	..	21	21	..	21	21
2	" Tevally	..	20	..	20	20	..	11	11	..	2	2
3	" Kanjikuzhi	..	20	..	20	20	..	7	7	..	3	3
4	" Tripunithura	..	40	..	40	40	..	..	..	..	4	4
5	" Narakal	..	40	..	40	40	..	4	4	..	4	4
6	" Trichur	..	40	..	40	40	..	17	17	..	3	3
7	" Kalpathy	..	20	..	20	20	..	5	5	..	2	2
8	" Kondotty	..	20	..	20	20	..	5	5	..	3	3
9	" Badagara	..	20	..	20	20	..	14	14	..	4	4
10	" Dharmadam	..	20	..	20	20	..	14	14	..	2	2
11	" Payyannur	..	20	..	20	20	..	10	10	..	3	3
	Total	..	320	..	320	320	..	108	108	..	51	51
12	T. T. S., Haripad	..	20	..	20	20	..	4	4	..	2	2
13	" Devikulam	..	16	..	16	16	..	5	5	..	3	3
	Total	..	36	..	36	36	.	9	9	..	5	5

APPENDIX V—(cont.)

Serial number	Name of Institution	Sanctioned intake	No. of students admitted			No. of Backward Class students admitted			No. of Scheduled Castes/Scheduled Tribes admitted		
			Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11	12
INDUSTRIAL SCHOOLS—(cont.)											
14	Government Industrial School, Irinjalakuda ..	20	..	20	20	..	2	2	..	6	6
15	„ „ Wadakkancherry ..	20	..	20	20	..	11	11	..	3	3
	Total ..	40	..	40	40	..	13	13	..	9	9
16	T T. C., Parassala ..	20	..	15	15	..	7	7	..	2	2
17	„ Pachalloor ..	20	..	13	13	..	9	9	..	3	3
18	„ Karimkulam ..	20	..	18	18	..	8	8	..	8	8
19	„ Kanjiramkulam ..	20	..	20	20	..	16	16	..	4	4
20	„ Kondala ..	20	..	20	20	..	12	12	..	7	7
21	„ Chirayinkil ..	20	..	16	16	..	11	11	..	2	2
22	„ Chengannur ..	15	..	15	15	..	5	5	..	2	2
	Total ..	135	..	117	117	..	68	68	..	28	28
23	Weaving Training Centre, Aralumudu ..	20	10	11	21	4	3	7	3	6	9
24	Composing and Printing Centre, Vattiyoorkavu ..	30	25	5	30	5	1	6	3	2	5

25	Book Binding Centre, Manacaud	..	30	10	20	30	3	8	11	5	8	13
26	,, Kulathur	..	30	6	22	28	2	13	15	4	5	9
	Total	..	60	16	42	58	5	21	26	9	13	22
27	Rattan Training Centre, Paraniyam	..	10	4	6	10	..	1	1	4	5	9
	PRE-VOCATIONAL TRAINING CENTRES											
1	Attingal	..	35	35	..	35	13	..	13	15	..	15
2	Kodungallur	..	30	26	..	26	20	..	20	5	..	5
3	Manjeri	..	30	18	12	30	8	3	11	5	3	8
4	Cannanore	..	15	..	12	12	..	9	9	..	..	..
	Total	..	110	79	24	103	41	12	53	25	3	28

APPENDIX VI (a)
Branch-wise actual intake of Engineering Colleges during 1977-78

Serial number	Name of Institution	Under graduate Courses												M. Sc. Engineering		Total
		Civil		Mechanical		Electrical		Chemical		Electronics		Architecture		M.	F.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Engineering College, Trivandrum ..	35	26	60	..	42	18	..	..	41	6	9	6	46	4	293
2	Engineering College, Trichur ..	33	19	49	..	35	15	36	5	..	..	..	..	15	1	208
3	T. K. M. College of Engineering, Quilon ..	42	18	58	2	45	14	..	..	26	4	..	..	..	..	209
4	M. A. College of Engineering, Kothamangalam ..	28	12	41	..	31	8	..	..	..	..	..	..	..	..	120
5	N. S. S. College of Engineering, Palghat ..	34	6	40	..	38	2	..	..	..	..	..	..	..	..	120
6	Regional Engineering College, Calicut—															
	(a)	172	6											..	..	178
	(b)	61	4													65
						(Civil, Mechanical and Electrical together)										
						(Engineering preparatory course)										

APPENDIX VI (b)

Branch-wise actual intake of Polytechnics, Women's Polytechnics and Institute of Printing Technology—1977-78

Serial number	Name of institution	Civil, Mechanical, Electrical		Civil, Mechanical and Electrical Part-time		Electronics		Textile Technology		Automobile		D.C.P.	
		M	F	M	F	M	F	M	F	M	F	M	F
		3	4	5	6	7	8	9	10	11	12	13	14
1	Central Polytechnic, Trivandrum	113	12	72	1	37	3	28	1	..	..	..	..
2	Government Polytechnic, Kottayam	87	11	..	..	..	..	..	..	..	..	13	7
3	Do. Kalamassery	120	25	48	..	..	..	..	..	31	..	..	..
4	M.T.I., Trichur	110	11	45	..	..	..	..	..	..	..	..	..
5	Government Polytechnic, Perinthalmanna	73	3	..	..	..	..	..	..	..	..	..	..
6	Kerala Government Polytechnic, Calicut	190	7	41	..	..	..	..	..	..	..	..	..
7	Government Polytechnic, Cannanore	108	4	..	..	..	..	24	..	..	..	..	..
8	S.R.P., Valapad	95	13	..	..	..	..	..	..	..	..	..	..
9	I.P.T., Shoranur	..	..	..	..	..	..	..	..	..	..	..	..
10	S.N. Polytechnic, Kottiyam	156	7	..	..	..	..	..	..	..	..	..	..
11	N.S.S Polytechnic, Pandalam	153	6	..	..	..	..	..	..	..	..	..	..
12	Carmel Polytechnic, Alleppey	154	10	..	..	..	..	..	..	..	..	..	..
13	T.P.T., Alagappanagar	148	12	..	..	..	..	..	..	..	..	..	..
14	S.S.M. Polytechnic, Tirur	88	3	..	..	36	1	..	..	..	..	..	..
15	S.N. Polytechnic, Kanhangad	27*	..	..	..	..	..	..	..	29	..	..	..

* Mechanical only.

APPENDIX VI (b)—(cont.)

Serial number	Name of institution	Chemical		Printing		Post Diploma in Industrial Electronics		Post Diploma in Air conditioning and Refrigeration		Textile Technology Certificate Course		Grand Total	
		M	F	M	F	M	F	M	F	M	F	M	F
		15	16	17	18	19	20	21	22	23	24	25	26
1	Central Polytechnic, Trivandrum	..	..	..	..	7	3	..	..	25	5	282	25
2	Government Polytechnic, Kottayam	..	..	..	..	..	..	..	..	..	..	100	18
3	Do. Kalamassery	..	20	..	..	..	..	10	..	..	..	229	25
4	M.T.I., Trichur	..	..	..	..	..	..	..	..	..	..	155	11
5	Government Polytechnic, Perinthalmanna	..	..	..	..	..	..	..	..	..	..	73	3
6	Kerala Government Polytechnic, Calcut	..	30	..	..	..	..	..	..	..	..	261	7
7	Government Polytechnic, Cannanore	..	..	..	..	..	..	..	..	30	..	162	4
8	S.R.P., Valapad	..	..	..	..	..	..	..	..	..	..	95	13
9	I.P.T., Shoranur	..	..	..	22	8	..	..	..	..	..	22	8
10	S.N. Polytechnic, Kottiyam	..	..	..	..	..	..	..	..	..	..	156	7
11	N.S.S. Polytechnic, Pandalam	..	..	..	..	..	..	..	..	..	..	153	6
12	Carmel Polytechnic, Alleppey	..	..	..	..	..	..	..	..	..	..	154	10
13	T.P.T., Alagappanagar	..	..	..	..	..	..	..	..	..	..	148	12
14	S.S.M. Polytechnic, Tirur	..	..	..	..	..	..	..	..	..	..	124	4
15	S.N. Polytechnic, Kanhangad	..	..	..	..	..	..	..	..	..	..	56	..

APPENDIX VI (b)—(cont.)

Serial number	Name of Institution	Instrument Technology		D.C.P.		C.D. & D.M.		Electronics		Grand Total	
		M	F	M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12
1	Women's Polytechnic, Trivandrum..	..	15	..	50	..	30	..	..	..	95
2	Do. Trichur ..	..	..	..	50	..	29	..	45	..	124
3	Do. Calicut ..	..	..	..	50	..	30	..	..	..	80

22 Male students and 6 Female students were admitted at Central Polytechnic, Trivandrum for Craft Course.

APPENDIX VII

Total strength of students, total strength of B.C. students and total strength of S.C./S.T. students—1977-78

Serial number	Name of institution	Total strength of students			Total strength of B.C. students			Total strength of S.C./S.T. students		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11
ENGINEERING COLLEGES										
1	Engineering Coll-ge, Trivandrum ..	820	200	1020	126	23	149	37	6	43
2	Trichur ..	584	110	644	173	35	208	14	..	14
3	T K.M. Engineering College, Quilon ..	571	96	667	187	25	212	25	1	26
4	M.A. College of Engineering, Kothamangalam..	366	58	424	68	8	76	6	..	6
5	N.S.S. College of Engineering, Palghat ..	391	31	412	99	7	106	3	1	4
6	Regional Engineering College, Calicut ..	995	39	1034	168	8	176	25	..	25
	Total ..	3667	534	4201	821	106	927	110	8	118
POLYTECHNICS										
1	Central Polytechnic, Trivandrum ..	779	69	848	263	17	280	73	14	87
2	Government Polytechnic, Kottayam ..	282	33	315	86	21	107	15	1	16
3	Kalamassery ..	632	80	712	269	50	319	32	5	37
4	M.T.I., Trichur ..	394	21	415	132	6	138	30	4	34
5	Government Polytechnic, Perinthalmanna ..	167	7	174	90	4	94	19	..	19
6	Kerala Government Polytechnic, Calicut ..	625	23	648	310	6	316	58	..	58
7	Government Polytechnic, Cannanore ..	404	7	411	170	5	275	20	1	21
8	Sree Rama Polytechnic, Valapad ..	237	30	267	138	20	158	13	1	14

9	Institute of Printing Technology, Shoranur	..	60	19	79	21	8	29	3	2	5
10	S.N. Polytechnic, Kottiyam	..	413	29	442	265	24	289	27	2	29
11	Carmel Polytechnic, Alleppey	..	389	28	417	134	10	144	30	5	35
12	N.S.S. Polytechnic, Pandalam	..	409	17	426	105	10	115	26	1	27
13	Thiagarajar Polytechnic, Alagappanagar	..	406	33	439	102	18	120	28	..	28
14	S.S.M. Polytechnic, Tirur	..	330	12	342	201	7	208	28	..	28
15	S.N. Polytechnic, Kanhangad	..	109	..	109	60	..	60	5	..	5
	Total	..	5636	408	6044	2446	206	2652	407	36	443
	WOMEN'S POLYTECHNICS										
-1	Trivandrum	..	..	248	248	..	103	103	..	54	54
2	Trichur	..	..	307	307	..	120	120	..	23	23
3	Calicut	..	..	206	206	..	133	133	..	10	10
	Total	..	..	761	761	..	356	356	..	87	87
	JUNIOR TECHNICAL SCHOOLS										
1	Junior Technical School, Nedumangad	..	142	11	153	65	4	69	14	1	15
2	Attingal	..	181	..	181	88	..	88	33	..	33
3	Adoor	..	183	3	186	31	1	32	20	3	23
4	Ezhukone	..	178	4	182	36	3	39	22	..	22
5	Sbertallai	..	180	..	180	..	..	..	12	..	12
6	Krishnapuram	..	172	..	172	93	..	93	20	..	20
7	Pampady	..	169	..	169	36	..	36	20	..	20
8	Palai	..	165	8	173	34	2	36	18	4	22
9	Perumbavoor	..	170	13	183	47	4	51	18	4	22
10	Koratty	..	185	..	185	20	..	20	14	..	14
11	Kodungallur	..	174	..	174	140	..	140	19	..	19
12	Trichur	..	170	..	170	48	..	48	12	..	12
13	Kunnankulam	..	162	5	167	67	..	67	24	5	29

APPENDIX VII—(cont.)

Serial number	Name of institution	Total strength of students			Total strength of B.C. students			Total strength of S.C./S.T. students		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11
JUNIOR TECHNICAL SCHOOLS—(cont.)										
14	Junior Technical School, Chittur ..	160	.	160	104	..	104	17	..	17
15	„ Shoranur ..	144	16	160	74	5	79	14	5	19
16	„ Calicut ..	170	..	170	102	..	102	15	..	15
17	„ Badagara ..	96	..	96	70	..	70	6	..	6
18	„ Manjeri ..	160	..	160	113	..	113	27	..	27
19	„ Cannanore ..	156	16	172	114	11	125	4	3	7
20	„ Cheruvathur ..	139	8	147	63	2	65	5	4	9
21	„ Mattanur ..	158	..	158	83	..	83	3	..	3
	Total ..	3414	84	3498	1428	32	1460	337	29	366
ART INSTITUTIONS										
1	College of Fine Arts, Trivandrum ..	99	7	106	54	4	58	12	..	12
2	R. V. Institute of Fine Arts, Mavelikara ..	70	10	80	26	5	31	16	..	16
3	Institute of Fine Arts, Trichur ..	59	10	69	30	4	34	14	6	20
	Total ..	228	27	255	110	13	123	42	6	48

COMMERCIAL SCHOOLS										
1	Government Commercial Institute, Trivandrum	66	50	116	28	30	58	6	11	17
2	" Ernakulam ..	82	101	183	50	53	103	5	12	17
3	" Manjeri ..	60	44	104	49	16	65	1	3	4
4	Diploma in Shorthand and Typewriting, Trivandrum ..	31	7	38	8	3	11	1	1	2
	Total ..	239	202	441	135	102	237	13	27	40
INDUSTRIAL SCHOOLS										
1	T.G.M.T. Centre, Pattom ..	..	60	60	..	21	21	..	21	21
2	" Devally ..	..	20	20	..	11	11	..	2	2
3	" Kanjukuzhi ..	..	20	20	..	7	7	..	3	3
4	" Tripunthura ..	..	40	40	..	..	..	..	4	4
5	" Narakal ..	..	40	40	..	4	4	..	4	4
6	" Trichur ..	..	40	40	..	17	17	..	3	3
7	" Kalpathy ..	..	20	20	..	5	5	..	2	2
8	" Kondotty ..	..	20	20	..	6	6	..	5	5
9	" Badagara ..	..	20	20	..	14	14	..	4	4
10	" Dharmadam ..	..	20	20	..	14	14	..	2	2
11	" Payyanur ..	..	20	20	..	10	10	..	3	3
12	Tailoring Trade School, Harpad ..	..	20	20	..	4	4	..	2	2
13	" Devikulam ..	..	16	16	..	5	5	..	3	3
14	Government Industrial School, Irinjalakuda ..	..	35	35	..	5	5	..	6	6
15	" Wadakancherry ..	..	38	38	..	17	17	..	7	7
16	Tailoring Trade Centre, Parasala ..	..	15	15	..	7	7	..	2	2
17	" Pachaloor ..	..	20	20	..	9	9	..	3	3
18	" Karumkulam ..	..	18	18	..	8	8	..	8	8
19	" Kanjiramkulam ..	..	19	19	..	15	15	..	4	4
20	" Kandala ..	..	19	19	..	12	12	..	7	7
21	" Chirayinkil ..	..	16	16	..	11	..	..	2	2
22	" Chenganoor ..	..	15	15	..	5	5	..	2	2
23	Weaving Training Centre, Aralumoodu ..	10	11	21	4	3	7	3	6	9
24	Composing and Printing Centre, Vattiyoorakavu ..	25	5	30	5	1	6	3	2	5
25	Book Binding Centre, Manacaud ..	10	20	30	3	8	11	5	8	13

APPENDIX VII—(cont.)

Serial number	Name of institution	Total strength of students			Total strength of B.C. students			Total strength of S.C./S.T. students		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11
INDUSTRIAL SCHOOLS—(cont.)										
26	Book Binding Centre, Kulathur ..	6	22	28	2	13	15	4	5	9
27	Rattan Training Centre, Paraniyam ..	4	6	10	..	1	1	4	5	9
	Total ..	55	615	670	14	233	247	19	125	144
PRE-VOCATIONAL TRAINING CENTRES										
1	Attingal ..	89	..	89	N.A.	..	..	..	..	..
2	Kodungallur ..	76	..	76	60	..	60	13	..	13
3	Manjeri ..	51	35	86	30	30	60	19	3	22
4	Cannanore ..	..	20	20	..	17	17	..	..	..
	Total ..	216	55	271	..	..	..	..	..	..

APPENDIX VIII

Year-wise and sex-wise strength of Engineering Colleges, Polytechnics and Junior Technical Schools during 1977-78

Serial number	Name of Institution	I Year			II Year			III Year			IV Year			Grand total
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ENGINEERING COLLEGES														
1	Engineering College, Trivandrum ..	233	60	293	182	51	233	191	48	239	214	41	255	1020
2	Engineering College, Trichur ..	168	40	208	140	18	158	119	20	139	107	32	139	644
3	T.K.M. College of Engineering, Qulon ..	145	34	179	141	24	165	128	16	144	157	22	179	667
4	M.A. College of Engineering, Kothamangalam ..	100	20	120	95	15	110	83	15	98	88	8	96	424
5	N.S.S. College of Engineering, Palghat ..	110	9	119	98	12	110	86	7	93	87	3	90	412
6	Regional Engineering College, Calicut ..	294	10	304	268	12	280	202	9	211	231	8	239	1034
	Total ..	1060	153	1213	924	142	1066	799	125	924	884	114	998	4201
POLYTECHNICS														
1	Central Polytechnic, Trivandrum ..	306	31	337	254	21	275	183	17	200	36	..	36	848

APPENDIX VIII—(cont.)

Serial number	Name of Institution	I Year			II Year			III Year			IV Year			Grand total
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	POLYTECHNICS—(cont.)													
2	Government Polytechnic, Kottayam ..	100	18	118	90	3	93	92	12	104	..	..	..	315
3	Government Polytechnic, Kalamassery ..	226	25	251	192	32	224	179	23	202	35	..	35	712
4	Maharaja's Technological Institute, Trichur ..	149	11	160	120	6	126	99	4	103	26	..	26	415
5	Government Polytechnic, Perinthalmanna ..	73	3	76	55	1	56	39	3	42	..	..	..	174
6	Kerala Government Polytechnic, Calicut ..	256	15	271	176	5	181	178	3	181	15	..	15	648
7	Government Polytechnic, Cannanore ..	164	4	168	136	2	138	104	1	105	..	..	..	411
8	Sree Rama Polytechnic, Valapad ..	100	14	114	70	9	79	67	7	74	..	..	..	267
9	Institute of Printing Technology, Shoranur ..	22	8	30	21	4	25	17	7	24	..	..	..	79
10	S.N. Polytechnic, Kottayam ..	160	7	167	100	11	111	153	11	164	..	..	..	442
11	Carmel Polytechnic, Alleppey ..	154	10	164	113	8	121	122	10	132	..	..	..	417
12	N.S.S Polytechnic, Pandalam ..	153	6	159	138	4	142	118	7	125	..	..	..	426
13	Thiagarajar Polytechnic, Alagappanagar ..	148	12	160	127	9	136	131	12	143	..	..	..	439
14	S.S.M. Polytechnic, Tirur ..	124	4	128	108	3	111	98	5	103	..	..	..	342

15	S. N. Polytechnic. Kanhangad ..	55	..	55	34	..	34	20	..	20	..	..	..	106
	Total ..	2190	168	2358	1734	118	1852	1600	122	1722	112	..	112	6044
	WOMEN'S POLYTECHNICS													
1	Trivandrum ..	..	94	94	..	85	85	..	69	69	..	..	..	248
2	Trichur ..	..	123	123	..	103	103	..	81	81	..	..	..	307
3	Calicut ..	..	80	80	..	75	75	..	51	51	..	..	..	206
	Total ..	..	297	297	..	263	263	..	201	201	..	..	..	761
	JUNIOR TECHNICAL SCHOOLS													
1	Junior Technical School, Nedumangad ..	56	4	60	43	3	46	43	4	47	..	..	..	153
2	Do. Attungal ..	65	.	65	64	..	64	52	..	52	..	..	..	181
3	Do. Adoor ..	64	2	66	68	1	69	51	..	51	..	..	..	186
4	Do. Ezhukone ..	63	3	66	62	1	63	53	..	53	..	..	..	182
5	Do. Sherthallai ..	60	.	60	60	..	60	60	..	60	..	..	..	180
6	Do. Krishnapuram ..	65	..	65	57	..	57	50	..	50	..	..	..	172
7	Do. Pampady ..	66	.	66	57	..	57	46	..	46	..	..	..	169
8	Do. Palai ..	64	2	66	55	3	58	46	3	49	..	..	..	173
9	Do. Perumbavoor ..	59	7	66	58	6	64	53	..	53	..	..	..	183
10	Do. Koratty ..	66	..	66	65	..	65	54	..	54	..	..	..	185
11	Do. Kodungallur ..	66	..	66	62	..	62	46	..	46	..	..	..	174
12	Do. Trichur ..	66	..	66	63	..	63	41	..	41	..	..	..	170
13	Do. Kunnankulam ..	65	1	66	57	3	60	40	1	41	..	..	..	167
14	Do. Chittoor ..	66	..	66	55	..	55	39	..	39	..	..	..	160
15	Do. Shoranur ..	60	6	66	50	6	56	34	4	38	..	..	..	160
16	Do. Calicut ..	66	..	66	63	..	63	41	..	41	..	..	..	170
17	Do. Badagara ..	30	..	30	36	..	36	30	..	30	..	..	..	96
18	Do. Manjeri ..	66	..	66	52	..	52	42	..	42	..	..	..	160

APPENDIX VIII—(cont.)

Serial number	Name of Institution	I Year			II Year			III Year			IV Year			Grand total
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	JUNIOR TECHNICAL SCHOOLS —(cont.)													
19	Junior Technical School, Cannanore ..	54	13	67	53	2	55	49	1	50	..	..	..	172
20	Do. Cheruvathur ..	62	4	66	47	2	49	30	2	32	..	..	..	147
21	Do. Mattannur ..	65	..	55	56	..	56	97	..	37	..	..	..	158
	Total ..	1294	42	1336	1183	27	1210	937	15	952	..	..	..	3498

APPENDIX IX

**Number of students appeared and passed in
Engineering Colleges, Polytechnics and Junior
Technical Schools during 1977-8**

<i>Sl. No.</i>	<i>Name of Institution</i>	<i>No. of students appeared</i>	<i>No. of students passed</i>
(1)	(2)	(3)	(4)
ENGINEERING COLLEGES:			
1.	Engineering College, Trivandrum	301	242
2.	Do. Trichur	167	109
3.	T. K. M. College of Engineering, Quilon	137	124
4.	M. A. College of Engineering, Kothamangalam	82	72
5.	N. S.S. College of Engineering, Palghat	98	66
6.	Regional Engineering College, Calicut	236	160
POLYTECHNICS:			
1.	Central Polytechnic, Trivandrum	181	110
2.	Government Polytechnic, Kottayam	99	70
3.	Government Polytechnic, Kalamas- sery	198	101
4.	Maharaj's Technological Institute, Trichur	108	60
5.	Government Polytechnic, Perin- thalmanna	42	30
6.	Kerala Government Polytechnic, Calicut	177	113
7.	Government Polytechnic, Can- nanore	104	78
8.	Sree Rama Polytechnic, Valapad	71	39
9.	Institute of Printing Technology, Shoranur	31	21
10.	S. N. Polytechnic, Kottiyam	116	86
11.	Carmel Polytechnic, Alleppey	132	104
12.	N. S.S. Polytechnic, Pandalam	125	86

<i>Sl. No.</i>	<i>Name of Institution</i>	<i>No. of students appeared</i>	<i>No. of students passed</i>
(1)	(2)	(3)	(4)
13.	Thiagarajar Polytechnic, Alagappanagar	.. 137	100
14.	S. S. M. Polytechnic, Tirur	.. 99	64
15.	S. N. Polytechnic, Kanhangad	.. 20	16
16.	Women's Polytechnic, Trivandrum	.. 71	29
17.	Do. Trichur	.. 93	41
18.	Do. Calicut	.. 91	19*

JUNIOR TECHNICAL SCHOOLS:

1.	Junior Technical School, Nedumangad*	.. 47	21
2.	Do. Attingal	.. 52	11
3.	Do. Adoor	.. 51	25
4.	Do. Ezhukone	.. 53	21
5.	Do. Sherthallai	.. 52	22
6.	Do. Krishnapuram	.. 49	44
7.	Do. Pampady	.. 46	23
8.	Do. Palai	.. 47	19
9.	Do. Perumbavoor	.. 52	41
10.	Do. Koratty	.. 53	34
11.	Do. Kodungallur	.. 46	33
12.	Do. Trichur	.. 41	27
13.	Do. Kunnamkulam	.. 41	18
14.	Do. Chittoor	.. 38	18
15.	Do. Shoranur	.. 37	25
16.	Do. Calicut	.. 47	13
17.	Do. Badagara	.. 30	24
18.	Do. Manjeri	.. 42	21
19.	Do. Cannanore	.. 50	44
20.	Do. Cheruvathur	.. 32	29
21.	Do. Mattannur	.. 37	32

* Result of D.C.P. at W.P.T., Calicut not included

APPENDIX X
Details of hostel facilities in 1977-78

Sl. No.	Name of institution	No. of hostels	Intake capacity	No. of students admitted during the year	Total No. of inmates in the hostel	No. of wardens and deputy wardens	Other facilities
1	2	3	4	5	6	7	8
ENGINEERING COLLEGES							
1	College of Engineering, Trivandrum	2	560	476	476	1	2 Reading room 1 Gymnasium 1 Badminton club
2	Do Trichur	3	350	376	376	1	..
3	T K.M. College of Engineering, Quilon	2	300	250	250	1+2	..
4	M A. College of Engineering, Kothamangalam	3	250	250	232	1+3	..
5	N.S.S. College of Engineering, Palghat	4	330	307	307	1+1	Library and reading room
6	Regional Engineering College, Calicut	5	1160	1034	971	1+7	Recreational facilities
POLYTECHNICS							
1	Central Polytechnic, Trivandrum	1	174	169	152	1	Reading room
2	Government Polytechnic, Kottayam	1	90	45	60	1	..
3	Government Polytechnic, Kalamassery	2	260	169	193	1	..
4	Maharaja's Technological Institute, Trichur	1	108	88	108	1	..
5	Government Polytechnic, Perinthalmanna	1	180	67	63	1	..
6	Kerala Government Polytechnic, Calicut	2	280	290	290	1	..
7	Government Polytechnic, Cannanore	1	180	98	126	1	..

APPENDIX X—(cont.)

Sl No.	Name of institution	No. of hostels	Intake capacity	No. of students admitted during the year	Total No. of inmates in the hostel	No. of wardens and deputy wardens	Other facilities
1	2	3	4	5	6	7	8
POLYTECHNICS—(cont.)							
8	Sree Rama Polytechnic, Valapad	..	..	..	..	..	..
9	Institute of Printing Technology, Shoranur	..	..	..	..	..	..
10	S.N. Polytechnic, Kottiyam	..	1	85	70	1+1	..
11	Carmel Polytechnic, Alleppey	..	1	150	113	1	..
12	N S.S. Polytechnic, Pandalam	..	1	104	103	1+1	..
13	Thiagarajar Polytechnic, Alagappanagar	..	2	270	147	1+1	..
14	S S M. Polytechnic, Tirur	..	1	165	165	1+1	..
15	S.V. Polytechnic, Kanhangad	..	1	60	44	1	..
WOMEN'S POLYTECHNICS							
1	Trivandrum	..	1	33	39	1+1	..
2	Trichur	..	1	120	58	1	..
3	Calicut	..	1	70	45	1	..
JUNIOR TECHNICAL SCHOOLS							
1	Chervuvathur	..	1	40	18	1	..

APPENDIX XI
Library facilities during 1977-78

Serial number	Name of institution	No. of library books purchased during the year	No. of journals contributed	Amount spent on this account during the year	Total No. of library books at the end of year
		Rs.	Rs.	Rs.	Rs.
1	2	3	4	5	6
	ENGINEERING COLLEGES:				
1	Engineering College, Trivandrum	629	95	62,500 00	35,917
2	Do. Trichur	14	30	9,438 71	28,388
3	T.K.M. College of Engineering, Quilon	32	40	9,580-00	12,443
4	M.A. College of Engineering, Kothamangalam	1,959	100	7,616-00	13,072
5	N.S.S. College of Engineering, Palghat	258	85	12,272 31	17,985
6	Regional Engineering College, Calicut	2,425	268	1,97,743 26	25,447
	POLYTECHNICS:				
1	Central Polytechnic, Trivandrum	500	5	12,750-00	13,280
2	Government Polytechnic, Kottayam	251	..	3,127-35	5,490
3	Do. Kalamassery	251	4	7,066-10	6,786
4	Maharaja's Technological Institute, Trichur	136	6	2,923 00	6,097

APPENDIX XI—(cont.)

Serial number	Name of institution	No. of library books purchased during the year Rs.	No. of journals contributed Rs.	Amount spent on this account during the year Rs.	Total No. of library books at the end of year Rs.
1	2	3	4	5	6
	POLYTECHNICS—(cont.)				
5	Government Polytechnic, Perinthalmanna ..	627	..	7,993-23	7,681
6	Kerala Government Polytechnic, Calicut ..	388	..	5,741-84	15,061
7	Government Polytechnic, Cannanore ..	182	12	2,992-00	10,176
8	Sree Rama Polytechnic, Valapad ..	253	11	4,998-00	2,883
9	Institute of Printing Technology, Shoranur ..	184	..	8,440-24	1,581
10	S.N. Polytechnic, Kottiyam ..	157	..	..	2,896
11	Carmel Polytechnic, Alleppey ..	6	27	3,607-26	2,324
12	N.S.S. Polytechnic, Pandalam ..	163	45	3,810-57	5,929
13	Thiagarajar Polytechnic, Alagappanagar ..	244	42	2,574-63	6,938
14	S.S.M. Polytechnic, Tirur ..	77	27	194-23	2,878
15	S.N. Polytechnic, Kanhangad ..	33	7	1,221-30	742
	WOMEN'S POLYTECHNICS:				
1	Trivandrum ..	313	10	6,118-93	3,893

2	Trichur	..	356	..	4,773.42	2,235
3	Calicut	..	169	3	3,309.80	2,730
JUNIOR TECHNICAL SCHOOLS:						
1	Junior Technical School, Nedumangad	..	334	..	1,715.80	1,819
2	Do. Attingal	..	54	..	261.25	807
3	Do. Adoor	..	303	..	2,000.00	1,360
4	Do. Ezhukone	..	135	..	842.51	135
5	Do. Sherthallai	..	14	..	57.15	714
6	Do. Krishnapuram	..	253	..	1,918.25	1,039
7	Do. Pampady	..	84	..	1,393.00	606
8	Do. Palai	..	51	..	1,040.17	556
9	Do. Perumbavoor	..	44	..	997.96	935
10	Do. Koratty	..	130	..	1,000.00	677
11	Do. Kodungallur	..	64	..	553.25	585
12	Do. Trichur	..	71	..	968.00	625
13	Do. Kunnankulam	..	85	..	1,013.36	860
14	Do. Chittur	..	237	..	962.75	785
15	Do. Shoranur	..	27	..	1,073.01	829
16	Do. Calicut	..	636	..	1,993.25	2,057
17	Do. Badagara	..	247	..	1,499.25	1,223
18	Do. Manjeri	..	171	..	1,006.75	824
19	Do. Cannanore	..	145	..	797.12	1,013
20	Do. Cheruvathur	..	20	..	292.00	561
21	Do. Mattannur	..	78	..	993.00	1,111

APPENDIX XII

Receipt and expenditure of institutions and hostels during 1977-78

Serial number	Name of institution	Total receipt of the institution during 1977-78 Rs.	Total receipt of the hostel during 1977-78 Rs.	Total expenditure of the institution during 1977-78 Rs.	Total expenditure of the hostel during 1977-78 Rs.
1	2	3	4	5	6
	ENGINEERING COLLEGES :				
1	Engineering College, Trivandrum ..	4,61,647.10	45,481.92	54,70,280.00	2,06,554.04
2	Engineering College, Trichur ..	2,72,838.05	62,212.37	24,31,936.38	2,04,715.91
3	T.K.M. College of Engineering, Quilon ..	17,77,374.00	53,200.00	22,43,118.00	53,800.00
4	M.A. College of Engineering, Kothamangalam ..	17,16,612.00	..	15,85,689.00	..
5	N.S.S. College of Engineering, Palghat ..	14,51,654.00	10,70,962.00	14,94,286.00	10,62,251.00
6	Regional Engineering College, Calicut ..	57,75,265.64	15,40,020.00	53,01,243.04	16,91,945.00
	POLYTECHNICS :				
1	Central Polytechnic, Trivandrum ..	1,89,611.73	22,131.24	12,23,150.38	Included in the institution expenditure
2	Government Polytechnic, Kottayam ..	84,595.15	8,964.10	7,34,124.15	do:

3	Government Polytechnic, Kalamasserry..	2,05,000·00	23,350·00	10,80,870·00	do.
4	Maharaja's Technological Institute, Trichur ..	1,01,608·47	14,488·05	9,18,592·08	do.
5	Government Polytechnic, Perin- thalmanna ..	48,913·54	7,303·60	6,48,110·61	do.
6	Kerala Government Polytechnic, Calicut ..	78,800·99	32,064·40	12,20,567·95	do.
7	Government Polytechnic, Cannanore ..	1,25,153·00	Included in institution	7,29,080·00	do.
8	Sree Rama Polytechnic, Valapad ..	61,642·81	..	6,12,131·00	..
9	Institute of Printing Technology, Shoranur ..	10,064·00	..	2,90,328·78	..
10	S.N. Polytechnic, Kottiyam ..	..	92,147·20	..	92,844·59
11	Carmel Polytechnic, Alleppey ..	7,02,366·60	1,89,840·00	7,17,440·79	1,89,840·00
12	N.S.S. Polytechnic, Pandalam ..	10,98,401·28	1,36,434·52	11,01,879·43	1,34,630·74
13	Thiagarajar Polytechnic, Alagap- panagar ..	7,91,311·59	29,252·85	8,04,911·24	26,971·40
14	S.S.M. Polytechnic, Tirur ..	43,489·31	2,84,602·36	36,393·48	2,61,332·65
15	S.N. Polytechnic, Kanhangad ..	7,60,600·83	53,662·33	6,56,135·62	52,985·77
WOMEN'S POLYTECHNICS					
1	Women's Polytechnic, Trivandrum ..	10,098·68	4,808·40	3,13,053·70	Included in the institu- tion
2	Do. Trichur ..	83,926·20	12,863·30	3,68,176·28	do.
3	Do. Calicut ..	2,373·90	6,603·77	2,27,923·37	do.
JUNIOR TECHNICAL SCHOOLS					
1	Junior Technical School, Nedu- mangad ..	654·26	No hostel	2,66,334·66	No hostel

APPENDIX XII—(cont.)

Serial number	Name of institution	Total receipt of the institution during 1977-78 Rs.	Total receipt of the hostel during 1977-78 Rs.	Total expenditure of the institution during 1977-78 Rs.	Total expenditure of the hostel during 1977-78 Rs.
1	2	3	4	5	6
	JUNIOR TECHNICAL SCHOOLS—(cont.)				
2	Junior Technical Schools, Attingal ..	681.10	No hostel	2,72,546.08	No hostel
3	Do. Adoor ..	..	do.	2,86,903.15	do.
4	Do. Ezhukone ..	1,068.75	do.	2,42,383.00	do.
5	Do. Sherthallai ..	395.65	do.	3,04,571.17	do.
6	Do. Krishnapuram..	2,957.05	do.	2,82,662.50	do.
7	Do. Pampady ..	1,197.79	do.	2,72,095.37	do.
8	Do. Palai ..	6,276.00	do.	2,49,830.93	do.
9	Do. Perumbavoor ..	2,009.78	do.	2,44,384.49	do.
10	Do. Koratty ..	2,623.54	do.	2,47,800.39	do.
11	Do. Kodungallor ..	661.94	do.	2,92,004.59	do.
12	Do. Trichur ..	1,523.35	do.	2,59,595.00	do.
13	Do. Kunnamkulam..	3,569.87	do.	2,65,523.20	do.
14	Do. Chittoor ..	1,412.85	do.	2,76,183.32	do.
15	Do. Shoranur ..	759.00	do.	2,96,690.09	do.
16	Do. Calicut ..	..	Included in K.G.P.T. Calicut	..	do.

17	Do.	Badagara	..	970.31	..	2,52,914.13	do.
18	Do.	Manjeri	..	762.00	..	2,57,916.99	do.
19	Do.	Cannanore	..	..	..	2,30,295.13	do.
20	Do.	Cheruvathur	..	2,778.05	..	2,48,465.89	do.
21	Do.	Mattannur	..	2,477.18	..	2,53,214.73	do.

<i>Sl. No.</i>	<i>Name of institution</i>		<i>Total receipt of the institution during 1977-78</i>	<i>Total expenditure of this institution during 1977-78</i>
			<i>Rs.</i>	<i>Rs.</i>
(1)	(2)		(3)	(4)
ART INSTITUTION:				
1.	College, of Fine Arts, Trivandrum	..	13,980.00	2,77,348.87
2.	Ravi Varma Institute of Fine Arts, Mavelikkara	..	212.00	1,03,540.41
3.	Institute of Fine Arts, Trichur	..	..	68,520.97
COMMERCIAL SCHOOLS:				
1.	Government Commercial Institute, Trivandrum	..	4,048.50	63,580.52
2.	Do. Ernakulam	..	18,159.20	76,134.04
3.	Do. Manjeri	..	8,441.55	68,705.65
4.	Diploma Courses Shorthand and Typewriting, Trivandrum	..	2,488.25	18,835.80
INDUSTRIAL SCHOOLS:				
1.	T.G.M.T. Centre, Pattom	..	..	10,812.61
2.	Do. Thevally	..	..	7,543.00
3.	Do. Kanjikuzhi	..	..	..
4.	Do. Tripunithura	..	..	22,570.00
5.	Do. Narakkal	..	..	..
6.	Do. Trichur	..	..	11,148.00
7.	Do. Kalpathy	..	..	10,441.25
8.	Do. Kondotty	..	..	6,719.41
9.	Do. Badagara	..	438.35	14,858.67

APPENDIX XII—(cont.)

<i>Sl. No.</i>	<i>Name of institution</i>	<i>Total receipt of the institution during 1977-78</i>	<i>Total expenditure of this institution during 1977-78</i>
(1)	(2)	Rs. (3)	Rs. (4)
10.	Industrial Shools, Dharmadam	..	10,144.70
11.	Do. Payyannur	..	..
12.	Tailoring Trades School, Haripad	..	10,620.00
13.	Do. Devikulam	..	13,629.93
14.	Government Industrial School, Irinjalakuda	..	20,065.93
15.	Do. Wadakkancherry	..	11,391.00
16.	Tailoring Training Centre, Parassala	..	..
17.	Do. Pachalloor	..	..
18.	Do. Karimkulam	..	..
19.	Do. Kanjiramkulam	224.00	4,22.400
20.	Do. Kandala	..	..
21.	Do. Chirayinkil	..	2,023.45
22.	Do. Chengannur	..	11,309.03
23.	Weaving Training Centre, Aralumoodu	..	..
24.	Composing and Printing Centre, Vattiyoor kavu	..	..
25.	Book Binding Centre, Manacaud	..	3,399.48
26.	Do. Kulathur	593.86	3,399.48
27.	Rattan Training Centre, Paraniyam	..	..
PRE-VOCATIONAL TRAINING CENTRE :			
1.	Pre-Vocational Training Centre, Attingal	..	73,369.75
2.	Do. Kodungallur	483.44	57,588.84
3.	Do. Manjeri	..	70,146.93
4.	Do. Cannanore	..	43,700.96

APPENDIX XIII

Total number of staff as on 31st March 1978 in Engineering Colleges, Polytechnics and Junior Technical Schools

Sl. No.	Institution	Class I				Class II				Class III	
		M.	F.	S.C.	S.T.	M.	F.	S.C.	S.T.	M.	F.
1	2	3	4	5	6	7	8	9	10	11	12
ENGINEERING COLLEGES											
1	Engineering College, Trivandrum	.. 52	5	1	..	103	18	3	..	147	17
2	Engineering College, Trichur	.. 29	..	..	..	58	22	..	..	120	10
3	T.K.M. College of Engineering, Quilon	.. 23	1	3	1	47	2	..	..	72	2
4	M.A. College of Engineering, Kothamangalam	.. 20	2	..	..	35	2	..	..	73	..
5	N.S.S. College of Engineering, Palghat	.. 18	..	..	..	43	1	..	..	62	2
6	R.E. College, Calicut	.. 28	..	..	..	100	4	..	..	158	18
	Total	.. 170	8	4	1	386	49	3	..	632	49
POLYTECHNICS											
1	Central Polytechnic, Trivandrum	.. 1	..	..	..	46	10	..	..	50	10
2	Government Polytechnic, Kottayam	.. 1	..	..	..	17	2	1	..	44	2
3	Government Polytechnic, Kalamassery	.. 1	..	..	..	24	12	..	..	64	6
4	M.T.I., Trichur	.. 1	..	..	..	29	3	..	..	48	6
5	G.P.T., Perinthalmanna	.. 1	..	..	..	14	1	..	..	38	3
6	Kerala Government Polytechnic, Calicut	.. 1	..	..	..	20	1	..	..	92	10
7	Government Polytechnic, Cannanore	.. 1	..	..	..	21	1	..	..	45	3
8	S.R. Polytechnic, Valappad	.. 1	..	..	..	17	2	..	..	30	8
9	I.P.T., Shoranur	.. 1	..	..	..	6	..	..	..	10	3

APPENDIX XIII—(cont.)

Sl. No.	Institution	Class III		Class IV				Total			
		M.	F.	M.	F.	S.C.	S.T.	Strength	S.C.	S.T.	
		13	14	15	16	17	18	19	20	21	
ENGINEERING COLLEGES											
1	Engineering College, Trivandrum	..	9	1	27	14	6	..	383	19	1
2	Engineering College, Trichur	..	7	..	16	2	5	..	257	12	..
3	T.K.M. College of Engineering, Quilon	..	..	..	17	..	5	..	164	8	1
4	M.A. College of Engineering, Kothamangalam	..	..	..	14	2	2	..	148	2	..
5	N.S.S. College of Engineering, Palghat	..	..	..	14	5	1	..	145	1	..
6	R.E. College, Calicut	..	7	..	63	2	18	..	373	25	..
	Total:	..	23	1	151	25	37	..	1470	67	2
POLYTECHNICS											
1	Central Polytechnic, Trivandrum	..	1	..	50	..	5	2	167	8	2
2	Government Polytechnic, Kottayam	..	3	1	13	4	1	..	83	6	1
3	Government Polytechnic, Kalamassery	..	5	..	17	6	2	..	130	7	..
4	M.T.I., Trichur	..	7	1	14	..	1	..	101	8	1
5	G.P.T., Perinthalmanna	..	6	..	15	1	2	..	73	8	..
6	Kerala Government Polytechnic, Calicut	..	6	..	23	2	4	..	149	10	..
7	Government Polytechnic, Cannanore	..	3	1	9	4	2	..	84	5	1
8	S.R. Polytechnic, Valapad	..	..	..	8	..	..	..	66	..	..
9	I.P.T., Shoranur	..	2	..	4	..	2	..	24	4	..

APPENDIX XIII—(cont.)

Sl. No.	Institution	Class I				Class II				Class III		
		M	F	S.C.	S.T.	M	F	S.C.	S.T.	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	
POLYTECHNICS												
10	S. N. Polytechnic, Kottiyam	..	1	..	..	..	20	7	1	..	22	10
11	Carmal Polytechnic, Alleppey	..	1	..	..	..	22	..	..	..	47	..
12	N. S. S. Polytechnic, Pandalam	..	1	..	..	..	26	2	..	..	36	5
13	Thiagarajar Polytechnic, Alagappanagar	..	1	..	..	..	24	4	..	..	36	7
14	S. S. M. Polytechnic, Tirur	..	1	..	..	..	28	..	1	..	46	4
15	S. N. Polytechnic, Kanhangad	..	1	..	..	..	8	..	..	..	25	..
	Total	..	15	..	..	..	321	45	3	..	633	77
WOMEN'S POLYTECHNICS												
1	Trivandrum	..	1	..	..	..	6	2	1	..	17	14
2	Trichur	..	1	..	..	..	6	7	..	..	14	9
3	Calicut	..	1	..	..	..	1	1	..	..	10	9
	Total	..	3	..	..	..	13	10	1	..	41	32
JUNIOR TECHNICAL SCHOOLS												
1	Junior Technical School, Nedumangad	..	..	..	..	..	4	..	..	..	22	6
2	„ Attingal	..	..	..	..	..	4	..	..	..	32	1

APPENDIX XIII--(cont.)

Sl. No.	Institution	Class III		Class IV				Total			
		S.C.	S.T.	M	F	S.C.	S.T.	Strength	S.C.	S.T.	
		13	14	15	16	17	18	19	20	21	
POLYTECHNICS											
10	S. N. Polytechnic, Kottiyam	..	1	..	7	2	..	..	69	2	..
11	Carmal Polytechnic, Alleppey	..	..	..	7	1	..	..	78	..	..
12	N. S. S. Polytechnic, Pandalam	..	..	..	11	..	2	..	81	2	..
13	Thiagarajar Polytechnic, Alagappanagar	..	..	..	11	1	1	..	84	1	..
14	S. S. M. Polytechnic, Tirur	..	..	..	11	2	..	..	92	1	..
15	S. N. Polytechnic, Kanhangad	..	..	..	6	1	..	..	41	..	..
	Total	..	34	3	206	24	22	2	1922	62	5
WOMEN'S POLYTECHNICS											
1	Trivandrum	..	1	..	4	4	1	..	48	3	..
2	Trichur	..	1	..	3	1	..	..	41	1	..
3	Calicut	..	2	..	4	4	..	..	30	2	..
	Total	..	4	..	11	9	1	..	119	6	..
JUNIOR TECHNICAL SCHOOLS											
1	Junior Technical School, Nedumangad	..	2	..	4	..	1	..	36	3	..
2	„ Attingal	..	4	..	3	40	4	..

APPENDIX XIII—(cont)

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Sl. No.	Institution	Class I				Class II				Class III	
		M	F	S.C.	S.T.	M	F	S.C.	S.T.	M	F
1	2	3	4	5	6	7	8	9	10	11	12
JUNIOR TECHNICAL SCHOOLS—(cont.)											
3	Junior Technical School, Adoor	..	..	..	..	4	..	..	..	24	2
4	Do. Ezhukone	..	..	..	..	4	..	..	..	25	3
5	Do. Sharthalai	..	..	..	..	4	..	..	..	26	2
6	Do. Krishnapuram	..	..	..	..	4	..	..	..	24	4
7	Do. Palai	..	..	..	..	4	..	..	..	26	2
8	Do. Pampady	..	..	..	..	4	..	..	..	23	5
9	Do. Perumbavoor	..	..	..	..	4	..	..	..	25	3
10	Do. Koratty	..	..	..	..	4	..	..	..	21	5
11	Do. Kodungallur	..	..	..	..	4	..	..	..	22	4
12	Do. Trichur	..	..	..	..	4	..	..	..	17	6
13	Do. Kunnankulam	..	..	..	..	4	..	..	..	24	3
14	Do. Chittoor	..	..	..	..	4	..	..	..	24	4
15	Do. Shoranur	..	..	..	..	4	..	..	..	26	3
16	Do. Calicut	..	..	..	..	3	..	..	..	20	1
17	Do. Badagara	..	..	..	..	4	..	..	..	23	1
18	Do. Manjeri	..	..	..	..	4	..	..	..	24	2
19	Do. Cannanore	..	..	..	..	4	..	..	..	24	3
20	Do. Cheruvathur	..	..	..	..	4	..	..	..	27	..
21	Do. Mattannur	..	..	..	..	4	..	..	..	23	2
Total		..	..	..	..	83	..	..	..	502	62

APPENDIX XIII—(cont.)

Sl. No.	Institution	Class III		Class IV				Total			
		S.C.	S.T.	M	F	S.C.	S.T.	Strength	S.C.	S.T.	
		13	14	15	16	17	18	19	20	21	
JUNIOR TECHNICAL SCHOOLS—(cont.)											
3	Junior Technical School, Adoor	..	4	..	4	..	2	..	34	6	..
4	Do. Ezhukone	..	2	..	4	..	..	..	36	2	..
5	Do. Sharthala	..	..	..	4	..	..	..	36	..	..
6	Do. Krishnapuram	..	1	..	4	..	..	..	36	1	..
7	Do. Pala	..	1	..	4	..	..	..	36	1	..
8	Do. Pampady	..	1	..	4	..	2	..	36	3	..
9	Do. Perumbavoor	..	3	..	4	..	1	..	36	4	..
10	Do. Koratty	..	2	..	4	..	..	..	34	2	..
11	Do. Kedungallur	..	..	..	4	..	..	..	34	..	..
12	Do. Trichur	..	3	..	4	..	..	..	31	3	..
13	Do. Kunnankulam	..	5	..	4	..	..	..	35	5	..
14	Do. Chittoor	..	..	..	4	..	1	..	36	1	..
15	Do. Shoranur	..	4	..	4	..	..	..	37	4	..
16	Do. Calicut	..	1	..	5	..	..	..	29	1	..
17	Do. Badagara	..	1	..	4	..	..	..	32	1	..
18	Do. Manjeri	..	4	..	3	1	1	..	34	9	..
19	Do. Cannanore	..	2	4	4	..	..	..	35	2	4
20	Do. Cheruvathur	..	2	..	3	..	..	..	34	2	..
21	Do. Mattannur	..	6	..	4	..	..	..	33	6	..
	Total	..	48	4	82	1	8	..	730	60	4

APPENDIX XIV
Scholarships and stipends during 1977-78

No. Sl.	Name of Institution	Nature of scholarship	No. of students	Amount Rs.	Nature of stipend	No. of students	Amount Rs.
1	2	3	4	5	6	7	8
	ENGINEERING COLLEGES						
1	Engineering College, Trivandrum	National Scholarship	96	1,14,069·10	Stipend to S. C. students	40	59,483·18
		National Merit Scholarship to the children of teachers	13	18,662·25	„ S. T. students	2	2,177·00
					„ K.P.C.R. Concession	245	2,46,085·00
					Stipend for S.G./S.T. K.P.C.R. stipend	15 75	28,074·00 64,878·00
2	Engineering College, Trichur	Merit Scholarship	34	65,053·30			
3	T.K.M. College of Engineering, Qulon	National Loan Scholarship	22	21,340·00	K.P.C.R. stipend	289	64,341·00
		National Scholarship	23	22,653·30			
		Merit Scholarship	2	1,800·00			
		University Merit Scholarship	2	1,800·00			
4	Mar Athanasius College of Engineering, Kothamangalam	National Loan Scholarship	17	16,320·00	K.P.C.R. Concession	153	1,58,698·90
		National Scholarship	15	14,521·65			
5	N.S.S. College of Engineering, Palghat	National Scholarship	8	8,048·00	Post matriculation	7	678·51
		National Loan Scholarship	17	16,490·00	Studies stipend		
		Merit Scholarship	1	1,500·00	K.P.C.R. Concession			101	27,717·56

APPENDIX XIV—(cont.)

Sl. No.	Name of institution	Nature of scholarship	No. of students	Amount Rs.	Nature of stipend	No. of students	Amount Rs.		
1	2	3	4	5	6	7	8		
6	Regional Engineering College, Calicut	College Merit Scholarship	10	1,000·00	K. P. C. R. Concession Stipend to S.C./S.T. Stipend to O.B.C. and converts	62	52,946·40		
		Merit-cum-Means Scholarship	178	1,04,650 00		20	19,721·00		
		National Merit Scholarship	34	33,085·15		4	7,526·00		
				U. P. Technical Education Loan	1	1,200·00			
				Labour Welfare Fund Scholarship	1	500·00			
				Scheduled Caste Scholarship (Madras)	1	2,354·00			
				Grant of stipend to the beneficiaries of U. P.	1	1,260 00			
POLYTECHNICS									
1	Central Polytechnic, Trivandrum	National Loan Scholarship	2	1,440·00	Stipend to S.C./S.T. K.P.C.R. Concession Pre Matric Course Stipend to S.C. and S.T.	48	66,925·27		
		Merit-cum-Means Scholarship	10	1,517·45		267	1,36,766·20		
2	Government Polytechnic, Kottayam	Loan Scholarship	1	720·00	K.P.C.R. Concession Stipend to S.C./S.T. Stipend to O.E.C. K. P. C. R. Concession	16	14,847·71		
						222	45,818·87		
						30	36,687·85		
						7	7,476·50		
3	Government Polytechnic, Kalamassery	National Scholarship	1	1,200·00		346	1,41,234 15		
		National Loan Scholarship	1	720·00					
		Scholarship to Physically handicapped	1	900·00					

4	M.T.I. Trichur	Government of India Scholarship to S.C./S.T.	25	36,800 00		170	96,350 00
5	Government Polytechnic, Perinthalmanna	National Loan scholarship Scholarship to Handicapped	2	1,320 00	Stipend to S.C./S.T.	18	17,941 69
			1	600 00	" O.E.C.	1	1,447 25
					K.P.C.R. Concession	73	36,938 80
6	Kerala Govern- ment Poly- technic, Calicut	Post matric scholarship	43	52,300 00	H.W. stipend	2	1,600 00
					K.P.C.R. Concession	260	51,520 00
7	Government Polytechnic, Cannanore	..	..	..	H.W. stipend	19	21,449 00
					K.P.C.R. Concession	235	52,000 00
8	S.R.P. Valapad	Scholarship to Physically Handicapped	3	2,175 00	H.W. stipend to S.C.	147	26,193 61
					" O.E.C.	13	12,279 53
9	I.T.P. Shoranur	..	..	..	K.P.C.R. Concession	1	1,024 50
10	S N. Polytechnic, Kottuyam	National Loan scholarship	2	1,440 00	"	29	16,908 17
					"	296	1,39,013 20
11	N.S S. Poly- technic, Panda- lam	..	..	..	"	238	61,857 11
12	Carmel Polytec- hnic, Alleppey	National Loan scholarship	3	2,160 00	"	270	2,10,491 41
		Merit scholarship	1	1,200 00	"	270	1,09,103 31
13	T.P.T. Alagap- panagar	National scholarship	1	900 00	"	28	21,059 83
					Stipend to S.C.	151	71,536 00
14	S S.M. Poly- technic, Trichur	"	4	3,173 35	K.P.C.R. Concession	25	26,280 70
		"	1	720 00	Stipend to S.C.	76	15,030 00
15	S N. Polytechnic, Kanhgand	..	..	..	K.P.C.R. Concession	6	5,930 52
					Stipend to S.C./O.E.C.		
WOMEN'S POLYTECHNICS							
1	Women's Poly- technic, Tri- vandrum	Merit scholarship	10	3,318 00	K.P.C.R. Concession	62	14,320 49
					Stipend to S.C./S.T.	46	39,922 57
					" O.E.C.	12	5,340 13

APPENDIX XIV—(cont.)

Sl. No.	Name of institution	Nature of scholarship	No. of students	Amount Rs.	Nature of stipend	No. of students	Amount Rs.
1	2	3	4	5	6	7	8
	WOMEN'S POLYTECHNICS—(cont.)						
2	Women's Polytechnic, Trichur	National scholarship	1	1,500 00	H.W. stipend to S.C./S.T.	25	22,500 00
3	Women's Polytechnic, Calicut	Merit scholarship	15	5,360 00	O.E.C.	9	8,100 00
		"	15	4,859 90	K.P.C.R. Concession	145	38,000 00
			..	..	Stipend from H.W.	67	15,359 05
						9	10,250 83
	JUNIOR TECHNICAL SCHOOLS						
1	Junior Technical School, Nedumangad	Merit-cum-Means scholarship	16	2,628-10	Stipend from H.W.D.	25	10,634-00
2	" Attingal	"	12	2,987 30	"	33	16,308 60
3	" Adoor	"	17	3,911-80	"	21	10,532-55
4	" Ezhukone	"	12	2,166-60	"	22	13,200 60
5	" Sherthalai	"	18	3,544-00	"	14	8,174 47
6	" Krishna-puram	"	11	2,158-40	"	16	8,929 45
7	" Pampady	"	12	2,305-25	"	20	11,312 15
8	" Palai	"	10	2,000 00	"	20	11,978 00
9	" Perurba-voor	"	18	3,477-80	"	20	11,305 00
10	" Koratty	"	18	3,600 00	"	21	12,600 00
11	" Kodungal-lur	"	16	3,163-55	"	21	12,501-00

12	„ Trichur	„	17	,924.60	„	7	5,139.00
13	„ Kunnankulam	„	11	2,192.20	„	23	13,710.00
14	„ Chittoor	„	7	1,252.05	„	13	6,975.05
15	„ Shoranur	„	12	2,270.75	„	17	9,654.00
16	„ Calicut	„	8	1,440.00	„	13	7,020.00
17	„ Badagara	„	9	1,788.00	„	5	3,000.00
18	„ Manjeri	„	1	150.00	„	24	13,512.00
19	„ Cannanore	„	17	3,400.00	„	8	4,800.00
20	„ Cheruvathur	„	1	150.00	„	5	2,594.25
21	„ Mattannur	„	12	2,371.40	„	6	3,548.30
ART INSTITUTIONS							
1	College of Fine Arts, Trivandrum	Scholarship to Physically handicapped	1	750.00	„	6	3,600.00
2	Institution of Fine Arts, Trichur	„	4	1,275.00	„	20	10,267.90
3	R.V. Institute of Fine Arts, Mavelikara	„ Merit-cum-means scholarship	3 19	2,400.00 2,881.70	„	16	6,936.05

Sl. No.	Name of Institution	Nature of stipend	Number of students	Amount
1	2	3	4	5
	GOVERNMENT COMMERCIAL INSTITUTE			
1	Trivandrum	.. ..	..	..
2	D.C. in Shorthand and Typewriting, Trivandrum	.. ..	..	..
3	Ernakulam	.. Stipend to O.B.C. and O.E.C.	.. 5	1,157.40
4	Manjeri	.. ..	..	..
	INDUSTRIAL SCHOOLS			
1	Tailoring and Garment Making Training Centre, Pattom	.. H.W. Stipend	21	7,781.53
2	.. Thevally	.. ..	2	1,560.00
3	.. Kottayam	.. ..	..	..
4	.. Narakkal	.. ..	4	2,880.00
5	.. Trichur	.. ..	3	1,461.30
6	.. Kalpathy	.. ..	2	1,200.00
7	.. Badagara	.. ..	4	2,880.00
8	.. Dharmadam	.. ..	3	2,160.00
9	.. Kondoty	.. ..	5	3,572.00
10	Tailoring Trade School, Haripad	.. ..	2	1,776.55
11	.. Devikulam	.. ..	..	..

12	Government Industrial School, Irinjalakuda	..	..	15	8,742-55
13	.. Wadakancherry	..	..	7	4,097-95
14	T. T. C., Parassala	..	..	1	432-05
15	.. Pachallur	..	..	3	2,038-05
16	.. Karumkulam	..	..	8	3,912-00
17	.. Kanjiramkulam	..	..	4	1,951-00
18	.. Kandala	..	..	..	..
19	.. Chirayinkil	..	..	2	1,200-00
20	.. Chengannur	..	..	..	..
21	Weaving Centre, Aralummoodu	..	..	8	..
22	B.B.C. Manacaud	..	..	12	3,406-48
23	.. Kulathur	..	..	9	3,477-46
24	Rattan Training Centre, Paraniyam	..	..	9	5,900-39
PRE VOCATIONAL TRAINING CENTRES					
1	Attingal	..	H.W. Stipend	27	30,568 25
2	Kodungallur	..	..	11	5,438 65
			Midday meals stipend	76	7,730 25
3	Manjeri	..	H.W. Stipend	28	16,800-00
4	Cannanore	..	..	2	1,200-00

APPENDIX XV

List of persons sent for training during 1977-78 (Institution-wise) up to 31st March 1978

Serial No.	Name of person	Designation	Name of training institution	Type of training	Period of training	
					From	To
1	2	3	4	5	6	7
	ENGINEERING COLLEGE, TRIVANDRUM					
1	Sri K. Sivaraman	Assistant Professor	I.I.T., Bombay	Short-term course	16-5-1977	4-6-1977
2	Smt. V. K. Savithri	Reader "	"	"	"	"
3	" Sosamma Varghese	Lecturer	"	"	"	"
4	Sri D. K. Varghese		I.I.Sc., Bangalore	"	"	"
5	" N. R. Rao	"	I.I.T., Bombay	Summer school	9-5-1977	29-5-1977
6	" P. Haridas	"	I.S.T.E., Coimbatore	Short-term course	13-6-1977	25-6-1977
7	" K. Gopalakrishnan	"	I I.T., Madras	"	"	"
8	" T. Raveendran	II Grade Instructor	K.S.R.T.C.	Quality improvement programme	4-10-1977	3-1-1977
9	" G. Krishnan	"	"	"	"	"
	ENGINEERING COLLEGE, TRICHUR					
1	Sri N. Kesavan Nair	Assistant Professor	I I.T., Kanpur	Ph. D.	..	..
2	" N. Premachandran	Lecturer	I.I.T., Madras	Ph. D.	..	..
3	" K. Mohandas	"	"	M. Tech.	..	..
4	" V. K. Sasikumar	"	"	"	..	..
5	" K. P. Ahamed Koya	"	"	"	..	..

T. K. M. COLLEGE OF
ENGINEERING, QUILON

1	Sri N. Muraleedharan Nair	Lecturer	I.I.T., Kharagpur	Short-term course	3-5-1977	2-6-1977
2	" R. Saseendran	"	"	"	"	"
3	" M. C. George	Assistant Professor	I.I.T., Bombay	"	2-5-1977	21-5-1977
4	" B. Vijaya Kumar	Lecturer	I.I.T., Kharagpur	"	23-5-1977	22-6-1977
5	" John N. George	"	"	"	"	17-6-1977
6	" E. Vasudevan Namboothiri	"	I.I.T., Bhopal	"	30-5-1977	25-6-1977
7	" S. Madhu	"	"	"	"	"
8	" M. C. Philipose	"	"	"	"	"
9	" Oommen Samuel	"	I.I.T., Delhi	"	"	4-6-1977
10	" P. A. Wariath	"	I.I.T., Allahabad	"	2-6-1977	21-6-1977
11	" M. John Cherian	"	"	"	"	"
12	" K. Purushothaman Pillai	"	I.I.Sc., Bangalore	"	30-5-1977	12-6-1977
13	" K. V. Purushothaman	"	"	"	1-6-1977	15-6-1977
14	" K. Natarajan	Assistant Professor	I.I.T., Madras	"	6-6-1977	24-6-1977
15	" P. Eapen Sakariah	"	"	"	"	"
16	" E. V. Mathew	"	I.I.T., Coimbatore	"	"	18-6-1977
17	" M. Abdul Rasheed	Lecturer	I.I.Sc., Bangalore	"	3-10-1977	15-10-1977
18	" K. G. John	"	"	"	"	"
19	" P. A. Abraham	"	I.I.T., Madras	"	28-11-1977	17-12-1977
20	" K. M. Chacko	"	I.I.Sc., Bangalore	"	12-1-1978	25-1-1978
21	" F. V. Albin	Assistant Professor	I.I.T., Madras	"	24-1-1978	28-1-1978
22	" N. Padmanabha Iyer	"	I.I.T., Bangalore	"	6-2-1978	8-2-1978
23	" E. K. Bhas	Lecturer	I.I.T., Madras	Ph. D.	"	"
24	" Y. Basheer Kutty	"	"	M. Tech.	"	"
25	" K. Balachandra Sarma	"	"	"	"	"

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M. A. COLLEGE OF ENGINEERING,
KOTHAMANGALAM

1	Sri M. Aliya Varghese	Professor	I.I.Sc., Bangalore	Short-term course	28-3-1977	9-4-1977
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APPENDIX XV—(cont.)

Serial No.	Name of person	Designation	Name of training institution	Type of training	Period of training	
					From	To
1	2	3	4	5	6	7
	M. A. COLLEGE OF ENGINEERING, KOTHAMANGALAM—(cont.)					
2	Sri M. V. George	Assistant Professor	I.I.T., Delhi	Short-term course	30-5-1977	4-6-1977
3	„ K. A. Jacob	Lecturer	Thiagarajar College of Engineering, Madras	„	21-11-1977	9-12-1977
4	„ M. G. Grasius	„	I.I.T., Kharagpur	„	23-5-1977	7-6-1977
5	„ Jimmy Varghese	„	„	„	„	„
6	„ Thomas Chacko	Professor	I.I.T., Madras	„	28-11-1977	10-12-1977
7	„ J. Isac	Assistant Professor	I.I.T., Kharagpur	„	6-6-1977	18-6-1977
8	„ P. M. George	„	I.I.T., Madras	„	28-11-1977	10-12-1977
9	„ P. M. Markose	Lecturer	I.I.T., Kharagpur	„	23-5-1977	4-6-1977
10	„ T. P. Lukose	„	„	„	„	„
11	„ Paul Antony	„	I.I.Sc., Bangalore	„	21-11-1977	31-12-1977
12	„ A. K. Gecvarghese	Skilled Assistant Grade II	C.T.I., Madras	Q.I.P.	3-7-1977	„
	N.S.S. COLLEGE OF ENGINEERING, PALGHAT					
1	Sri C. Somasekharan	Professor	I.I.Sc., Bangalore	Short-term course	28-3-1977	7-4-1977
2	„ K. Balasubramoniam	Lecturer	„	„	4-4-1977	10-4-1977
3	„ N. N. Hariharan	„	„	„	18-4-1977	30-4-1977
4	„ R. Govinda Menon	Principal	I.I.T., Madras	„	6-6-1977	24-6-1977

5	„ T. Divakaran	„	Engineering College, Trivandrum	„	30-5-1977	24-6-1977
6	„ Vijayan Warriar	„	Bangalore University	„	27-6-1977	16-7-1977
7	„ T. P. Somasundaram	„	I.I.Sc., Indore	„	24-10-1977	5-11-1977
8	„ P. Ramachandran	„	T.E.C., Madurai	„	21-11-1977	4-12-1977
9	„ K. Prabhakaran	„	I.I.T., Bombay	„	28-11-1977	17-12-1977
10	„ R. Vijayakumar	„	R.E.C., Madras	„	28-11-1977	7-1-1978
11	„ U. Krishna Kumar	„	I.I.T., Bombay	„	5-12-1977	24-12-1977
12	„ K. G. Harilal	„	R.E.C., Warrangal	„	19-12-1977	7-1-1978
13	„ M. Mahadevan	„	I.I.Sc., Bangalore	„	1-6-1977	16-6-1977

REGIONAL ENGINEERING COLLEGE,
CALICUT

1	Sri K. M. Moideenkutty	Lecturer	I.I.T., Bombay	„	..	..
2	„ Daniel Oommen	„	„	„	..	..
3	„ T. C. Jose	„	„	„	..	..
4	„ P. P. Gervadis	„	„	„	..	..
5	„ C. Vijayan	„	„	„	..	..
6	„ K. N. Ramachandran	„	„	„	..	..
7	„ P. Janardhanan	„	„	„	..	..
8	„ V. J. Kurian	„	I.I.T., Bombay	„	..	..
9	„ K. Vincent Paul	„	Trichur	„	..	..
10	„ E. I. Sulaiman	„	I.I.T., Bombay	Seminar Short-term course	..	..
11	„ T. N. Jayarajan	„	I.I.Sc., Bangalore	„	..	..
12	„ Varghese Philip	„	„	„	..	..
13	„ Mathew Varghese Vaidyan	„	College of Engineering	„	..	..
14	„ K. P. Mohan Das	„	„	„	..	..
15	„ D. Isaac Ponnial	„	I.I.T., Kanpur	„	..	..
16	„ K. P. Sam	„	I.I.T., Delhi	„	..	..
17	„ V. George	„	„	„	..	..
18	„ Dr. K. P. Mohammed	„	M A. College of Engi- neering, Bhopal	„	..	..
19	„ P. Syamala	„	I.I.T., Kanpur	„	..	..

APPENDIX XV—(cont.)

Serial No.	Name of person	Designation	Name of training institution	Type of training	Period of training	
					From	To
1	2	3	4	5	6	7
	REGIONAL ENGINEERING COLLEGE, CALICUT—(cont.)					
20	Sri U. S. Prasad	Lecturer	I.I.Sc., Bangalore	Short-term course	..	..
21	„ A. M. Mohammed Ashraf	„	I I.T., Kharagpur	„	..	..
22	Dr. R. Ranganathan	„	College of Engineering, Trivandrum	„	..	..
23	Sri O. T. George	„	I.I.Sc., Bangalore	„	..	..
24	„ A. Balasubramoniam	„	„	„	..	..
25	„ Y. Venkataraman	„	College of Technology, Coimbatore	„	..	..
26	„ Shoukath Ali	„	I.I.Sc., Bangalore	„	..	..
27	„ P. Ramakrishnan	„	T.C. Engineering College, Madurai	„	..	..
28	„ Daniel Gomman	„	I I T., Madras	„	..	..
29	„ Syed Jaffer Hussain	„	I.I.T., Bombay	„	..	..
30	„ K. P. Mohandas	„	„	„	..	..
31	„ K. N. Dutta	„	University of Roorkee	„	..	..
32	„ G. Velayudhan	„	I.I.Sc., Bangalore	„	..	..
33	„ E. Vasu	„	„	„	..	..
34	„ C.N S. Murthy	„	I.I.T., Delhi	„	..	..
35	„ K. Vincent Paul	„	„	„	..	..
36	„ Babu T. Jose	„	„	„	..	..
37	„ R. Madhu Subramonian	„	I.I.T., Madras	„	..	..
38	„ N. M. Nagarajan	„	I I.Sc., Bangalore	„	..	..
39	„ P. I. Itty	„	I.I.T., Madras	„	..	..

CENTRAL POLYTECHNIC, TRIVANDRUM						
1	Sri P. Sasidharan	Lecturer	K.S.H.B., Trivandrum	Short-term Course	3 months	..
2	„ N. Sarachandra Bose	„	Parvathy Mills	Quality Im- provement Programme	„	..
GOVERNMENT POLYTECHNIC, KOTTAYAM						
..						
GOVERNMENT POLYTECHNIC, KALAMASSERY						
		Nil	..	..	..	..
1	Sri C. M. Abdul Rahi	Head Draftsman	K S C C. Ltd., Trichur	Q.I.P.	5-11-1977	4-2-1978
2	„ N. K. Sidhardhan	Assistant Lecturer	Hindustan Foundry Pro- ducts, Trichur	„	2-11-1977	1-2-1978
3	„ T. Appukkuttan Nair	Lecturer	T.T.T.I., Madras	B. Tech.	6-7-1977	5-7-1978
4	„ M. V. Kuriakose	„	„	„	„	„
5	„ C. J. Thomas	Workshop Instructor	„	Dip. T.T.	11-7-1977	„
6	„ K. S. Kamanlal	„	„	B. Tech.	6-7-1977	„
MAHARAJA'S TECHNOLOGICAL INSTITUTE, TRICHUR						
1	Sri K. Aravindan	Head Draftsman	T.T.T.I. Extension Centre, Kalamassery	Short-term Training	23-5-1977	28-5-1977
2	„ V. Babu	Lecturer	„	„	6-7-1977	16-7-1977
3	„ M. Valsalam	Assistant Lecturer	T.N. Polytechnic, Madurai	„	14-11-1977	26-11-1977
4	„ C. V. Raghavan Nair	Principal	T.T.T.I. Extension Centre, Kalamassery	„	15-2-1978	..
GOVERNMENT POLYTECHNIC, PERINTHEALMANNA						
1	Sri M. Raghunathan	II Grade Professor	T.T.T.I. Extension Centre, Kalamassery	Orientation Course	2-5-1977	7-5-1977

APPENDIX XV—(cont.)

Serial No.	Name of person	Designation	Name of training institution	Type of training	Period of training	
					From	To
1	2	3	4	5	6	7
	GOVERNMENT POLYTECHNIC, PERINTHALMANNA—(cont.)					
2	Sri M. V. Cherian	Tutor	T.T.T.I. Extension Centre, Kalamassery	Orientation Course	9-5-1977	14-5-1977
3	„ V. C. Paul	Assistant Lecturer	„	„	16-5-1977	21-5-1977
4	„ P. A. Moosa	„	„	„	23-5-1977	28-5-1977
5	„ C. H. Mohammed Ali	Demonstrator	„	„	30-5-1977	4-6-1977
6	„ K. Padmanabha Kurup	Head of Lecturer	C.P.T., Madras	Short-term Course Training	11-5-1977	7-6-1977
7	„ Clifford Fernandez	Assistant Lecturer	„	„	11-5-1977	7-6-1977
8	„ T. Gopalakrishnan	Workshop Instructor	Government Polytechnic, Ajmer	„	30-5-1977	21-6-1977
9	„ V Sreedharan	Lecturer	T.T.T.I. Extension Centre, Kalamassery	„	6-7-1977	16-7-1977
10	„ Cherian Oomman	Demonstrator	„	„	6-7-1977	16-7-1977
11	„ Ulahannan	Head of Section	„	„	22-9-1977	30-9-1977
12	„ M. M. Sreedharan Namboodiri	Assistant Lecturer	„	„	24-10-1977	4-11-1977
13	„ V. Ramakrishnan	Lecturer	„	„	16-1-1978	21-1-1978
14	„ George John	„	„	„	9-3-1978	15-3-1978
15	„ Padmanabha Kurup	Head of Section	Kerala Soaps and Oil Mills, Calicut	„	1-2-1978	31-3-1978
16	Smt. V. V. Rugmini	Assistant Lecturer	T.T.T.I., Madras	„	11-7-1977	..

KERALA GOVERNMENT POLYTECHNIC, CALICUT					
1	Sri B. Sankaranarayanan	Assistant Lecturer	T.T.T.I. Extension Centre, Kalamassery	Orientation Course	30-5-1977 4-6-1977
2	" K. Velayudhan	"	"	"	30-5-1977 4-6-1977
3	" P. K. Hamza	"	"	"	2-5-1977 7-5-1977
4	" M. Sadasivan	Lecturer	T.T.T.I., Madras	"	1-6-1977 28-6-1977
5	" P. Venugopalan	Assistant Lecturer	Chandigarh	"	6-6-1977 2-7-1977
6	" K. Viswanathan	Workshop Instructor	C.T.I., Calcutta	C.T.I. Training	3-8-1977 20-7-1978
7	" A. A. Antony	Skilled Assistant	C.T.I., Madras	"	9-9-1977 21-7-1978
8	" P. R. Muralidharan	Lecturer	T.T.T.I. Extension Centre, Kalamassery	Short-term Training	22-9-1977 8-10-1977
9	" G. Damodharan	Assistant Lecturer	K.S.E. Board	"	7-10-1977 8-1-1978
10	" A. A. Poullose	Lecturer	P.W.D.	"	7-10-1977 8-1-1978
11	" K. Radhakrishnan Nair	"	Gwalior Rayons	"	24-10-1977 30-11-1977
12	" K. O. Ninan	"	T.P.T., Salem	"	14-11-1977 26-11-1977
13	" V. R. Rajasekharan	Assistant Lecturer	Hindustan Latex Ltd.	Q.I.P.	1-1-1978 31-3-1978
14	" M. N. Ramakrishnan	"	P.W.D.	"	10-1-1978 31-3-1978
15	" A. A. Poullose	"	T.T.T.I. Extension Centre, Kalamassery	"	9-3-1978 15-3-1978
GOVERNMENT POLYTECHNIC, CANNANORE					
1	Sri O. K. Venugopalan	K.F.C., Cannanore	Short-term Course	Q.I.P.	.. ..
2	" N. K. Divakaran		W I. Cottans, Pappinussery	"	.. ..
3	Smt K. Vimala		W.P.F., Alwaye	"	.. ..
4	Sri K. P. Ummer		K.F.C., Cannanore	"	.. ..
SREE RAMA POLYTECHNIC, VALAPAD					
1	Smt. C K. Gowthamy	Lecturer	T.T.T.I. Extension Centre, Kalamassery	Orientation Centre	2-5-1977 7-5-1977
2	Sri K. Govindan	"	"	"	9-5-1977 14-5-1977
3	" V. Balaraman	"	"	"	16-5-1977 21-5-1977

APPENDIX XV—(cont.)

Serial No.	Name of person	Designation	Name of training institution	Type of training	Period of training	
					From	To
1	2	3	4	5	6	7
	SREE RAMA POLYTECHNIC, VALAPAD—(cont.)					
4	Sri A. V. Viswambaran	Head of Section	C.P.T., Madras	Short-term training	11-5-1977	7-6-1977
5	„ S. Upendran Nair	Lecturer	Government Polytechnic, Tuticorin	„	18-5-1977	31-5-1977
6	„ C. M. Damodaran Namboodiripad	„	S.V.P., Indore	„	6-6-1977	2-7-1977
7	„ P. K. Abdul Lathief	„	„	„	6-6-1977	2-7-1977
8	„ V. Sreedharan	Assistant Lecturer	T T T.I. Extension Centre, Kalamassery	„	6-7-1977	16-7-1977
9	Smt. K. K. Radha	Demonstrator	„	„	6-7-1977	16-7-1977
10	Sri F. E. Jose	Assistant Lecturer	„	„	24-10-1977	4-11-1977
11	„ P. K. Abdul Lathief	„	„	„	16-1-1978	21-1-1978
12	„ P. S. Aravindakshan	Principal	„	Seminar	15-2-1978	..
13	„ P. S. Aravindakshan	„	I.E. Hall, Trivandrum	„	2-3-1978	3-3-1978
	INSTITUTE OF PRINTING TECHNOLOGY, SHORANUR					
1	Sri S. Purushothaman	Lecturer	K.N. Polytechnic, Hyderabad	Short-term Course	9-5-1977	5-6-1977
	S. N. POLYTECHNIC, KOTTIYAM					
1	Sri S. Radhakrishnan	Assistant Lecturer	T.T.T.I., Madras	Diploma	8-7-1977	..

2	Smt. B. Chandralekha	Assistant Lecturer	T.T.T.I., Madras	Diploma	8-7-1977	..
3	„ T. R. Subha	Demonstrator	„	B. Tech.	8-7-1977	..
N. S. S. POLYTECHNIC, PANDALAM						
1	Sri J. Varadarajan Nair	Lecturer	„	Q I.P.	..	..
2	„ N. Ramachandra Kurup	„	„	„	..	..
3	„ C. Ramachandran Pillai	„	T.T.T.I. Extension Centre, Kalamassery	Short-term Course	..	..
4	„ P. Chandrasekharan Pillai	„	„	„	..	..
5	Smt. S. Vijavambika Devi	Demonstrator	„	„	..	..
6	Sri A. Raghavan Nair	Assistant Lecturer	„	„	..	..
7	„ M. R. Parameswaran Nair	Head Draftsman	„	„	..	..
8	„ K. N. Gopalakrishna Pillai	Assistant Lecturer	„	„	..	..
9	„ N. Narayana Pillai	„	„	„	..	..
10	„ V. K. Ramachandra Kurup	Lecturer	„	„	..	..
11	„ K. Appukuttan Pillai	Assistant Lecturer	„	„	..	..
12	„ N. Madhavan Nair	Head Draftsman	„	„	..	..
13	„ G. Vijayan	Lecturer	„	„	..	..
14	„ K. Parameswara Kurup	Assistant Lecturer	„	„	..	..
15	„ S. Bhargavan Pillai	„	„	„	..	..
16	„ Parameswaran Nair	Head Draftsman	T.T.T.I., Madras	„	..	..
CARMEL POLYTECHNIC, ALLEPPEY						
1	Fr. P. T. Abraham	Assistant Lecturer	U S A	Higher studies	..	..
2	Sri Kolamthaswamy Pillai	„	T.T.T.I., Madras	Short-term Training	16-1-1978	21-1-1978
3	„ K. B. Venkitachalam	Lecturer	„	„	16-1-1978	21-1-1978
4	„ K. Poulouse	Assistant Lecturer	T.T.T.I., Extension Centre, Kalamassery	Orientation Centre	24-10-1977	4-11-1977
5	„ P. U. Verghese	Head of Section	„	„	22-9-1977	30-9-1977
6	„ K. C. Mathew	„	„	„	26-9-1977	7-10-1977
7	„ Paul J. Perumally	Assistant Lecturer	„	„	6-7-1977	16-7-1977

APPENDIX XV—(cont.)

Serial No.	Name of person	Designation	Name of training institution	Type of training	Period of training	
					From	To
1	2	3	4	5	6	7
	CARMEL POLYTECHNIC, ALLEPPEY—(cont.)					
8	Sri V. T. Kuriakose	Demonstrator	T T T I. Extension Centre, Kalamassery	Orientation Centre	6-7-1977	16-7-1977
9	„ E. C John	Head of Section	T.T.T.I., Madras	B. Tech.	4-7-1977	2-5-1978
	THIAGARAJAR POLYTECHNIC, ALAGAPPANAGAR					
1	Sri P. Velayudhan	Workshop Instructor	„	Diploma	11-7-1977	..
2	„ A. Harihara Krishnan	Lecturer	T.T.T.I., Extention Centre, Kalamassery	Orientation Course	2-5-1977	7-5-1977
3	„ Francis C. Joseph	„	„	„	23-5-1977	28-5-1977
4	„ P. Z. Zachariah	„	„	„	16-5-1977	21-5-1977
5	„ R. Anantha Narayanan	Assistant Lecturer	„	„	30-5-1977	4-6-1977
6	„ U D. Jose	Demonstrator	„	„	23-5-1977	28-5-1977
7	„ P. O. Vareed	Assistant Lecturer	„	„	30-5-1977	4-6-1977
8	Smt. T. P. Sreedevi	„	„	„	2-5-1977	7-5-1977
9	Sri P. S. Neelakandan	„	„	„	..	..
10	Smt. V. K. Radhamani	„	„	„	22-9-1977	30-9-1977
11	Sri K. George Varghese	„	„	„	26-9-1977	7-10-1977
12	„ K. K. Balaram	„	„	„	24-10-1977	4-11-1977
13	„ Francis C. Joseph	„	„	„	30-1-1978	11-2-1978
14	„ N. Ravindranathan	Principal	„	Seminar	15-2-1978	..
15	„ N. Ravindranathan	„	I.E. Hall, Trivandrum	„	2-3-1978	3-3-1978
16	Smt. V. K. Radhamani	Head of Section	„	„	2-3-1978	3-3-1978

17	Sri V. A. Baby	Lecturer	T.P.T., Salem	Short training	11-11-1977	26-11-1977
18	„ K. V. Krishnadas	Head of Section	Trichur	„	2-1-1978	1-4-1977
S. S. M. POLYTECHNIC, TIRUR						
1	Sri M. Sukumaran	Workshop Instructor	T T T. I., Madras	Training	16-7-1976	17-12-1977
2	„ V. K. Shamsuddin	Demonstrator	T. T. T. I. Extension Centre, Kalamassery	Short Course	30-5-1977	4-6-1977
3	„ C. Aliyamty	Assistant Lecturer	„	„	16-5-1977	21-6-1977
4	„ V. Raghavan	„	„	„	9-5-1977	14-5-1977
5	„ K. P. Abdul Kadher	Lecturer	„	„	2-5-1977	7-5-1977
6	„ M. Farook	Assistant Lecturer	„	„	2-5-1977	7-5-1977
7	„ A. M. Kunhimoideenkutty	Lecturer	„	„	6-7-1977	16-7-1977
8	„ M. Jamal	Workshop Superintendent	„	„	26-9-1977	8-10-1977
9	„ V. K. Viswambharam	Demonstrator	„	„	16-1-1978	21-1-1978
10	„ P. K. Abdul Kareem	Assistant Lecturer	Insittute of Engineering, Faridabad	Summer School Training	9-5-1977	21-5-1977
11	„ N. C. Farook	Demonstrator	A.V.P. Insittute, Rajkot	„	16-5-1977	11-6-1977
12	„ K. Liagna Dhat	Workshop Instructor	„	„	16-5-1977	11-6-1977
13	„ P. S. Salajuddin	Lecturer	G.P. T. Tuticorin	„	18-5-1977	31-5-1977
14	Smt. K. Rajam	Demonstrator	G.P.T. Ajmeer	„	30-5-1977	25-6-1977
15	„ P. Mohamedkutty	„	„	„	30-5-1977	25-6-1977
16	„ C. T. Mohamed	Head of Section	G.P.T. Silchar	„	23-5-1977	4-6-1977
17	„ M. Jamal	Workshop Superintendent	„	„	23-5-1977	4-6-1977
18	„ V. K. Viswambharan	Demonstrator	G.P.T. Kotta	„	30-5-1977	18-6-1977
19	„ P. N. M. Musthafa	Assistant Lecturer	G.P.T. Alahabad	„	30-5-1977	18-6-1977
20	„ V. K. Viswambharan	Demonstrator	TamilNadu Polytechnic, Madurai	„	4-11-1977	26-11-1977
S. N. POLYTECHNIC, KANHANGAD						
1	Sri P. V. Kumaran	Workshop Instructor	T.T.T.I., Madras	Diploma	July 1977	December 1978

APPENDIX XV—(cont.)

Serial No.	Name of person	Designation	Name of training institution	Type of training	Period of training	
					From	To
1	2	3	4	5	6	7
	S. N. POLYTECHNIC, KANHANGAD—(cont.)					
2	Sri K. Gopalan Nair	Workshop Instructor	G.P.T., Nagpur	Winter School	26-12-1977	8-1-1978
3	„ K. P. Bharathan	Lecturer	T.T.T.I. Extension Centre, Kalamassery	Training Orientation Course	22-9-1977	30-9-1977
4	„ A. Kunhikannan	Assistant Lecturer	„	„	26-9-1977	7-10-1977
5	„ C. Chandran	Lecturer	„	„	2-5-1977	7-5-1977
6	„ E. Govinda Warriar	Demonstrator	„	„	9-5-1977	14-5-1977
	WOMEN'S POLYTECHNIC, TRIVANDRUM					
1	Sri B. Velayudhan	..	„	„	9-5-1977	14-5-1977
2	Smt. M. Remla Beevi	..	„	„	2-5-1977	7-5-1977
3	Sri P. Sukumaran	..	„	„	16-5-1977	21-5-1977
4	„ M. Narayanan	Principal	T.T.T.I., Madras	Summer School Training	1-7-1977	28-7-1977
5	„ C. G. Viswanathan	..	T.T.T.I. Extension Centre, Kalamassery	Short Course	16-1-1978	21-1-1978
6	Smt. P. Rugmini	..	„	„	16-1-1978	21-1-1978
	WOMEN'S POLYTECHNIC, TRICHUR					
1	Sri S. H. Sulaiman	Workshop Instructor	„	„	16-1-1978	21-1-1978

2	Smt. P. P. Khadija	Head of Section	S.B.M. Polytechnic, Bombay	Q.I.P.	30-12-1977	29-3-1978
3	„ V. K. Sarala	Assistant Instructor	Carmel Polytechnic, Alleppey	Orientation Course	8-5-1978	19-5-1978
	WOMEN'S POLYTECHNIC, CALICUT	Nil				
	JUNIOR TECHNICAL SCHOOL, EZHUKONE					
1	Sri J. Abdul Salam	Workshop Instructor	Bangalore	Foreman Training	..	..
2	„ K. Gopalakrishna Panicker	II Grade Skilled Assistant	C.T.I., Madras	C.T.I. Training	..	..
	JUNIOR TECHNICAL SCHOOL, KRISHNAPURAM					
1	Sri K. Somarajan	Workshop Instructor	T.T.T.I., Madras	Q.I.P.	..	..
	JUNIOR TECHNICAL SCHOOL, PAMPADY					
1	Sri K. R. Raghavan	II Grade Skilled Assistant	C.T.I., Madras	C.T.I. Training	..	..
	JUNIOR TECHNICAL SCHOOL, PALAI					
1	Sri K. K. Mohammed Yoosaf	Instructor	T.T.T.I., Madras	Training	..	..
	JUNIOR TECHNICAL SCHOOL, SHORANUR					
1	Sri M. P. Unnikrishnan	Workshop Instructor	C.T.I., Madras	C.T.I. Training	..	..
	JUNIOR TECHNICAL SCHOOL, MANJERI					
1	Sri K. T. Kunhimoideen	Instructor	T.T.T.I., Madras	Q.I.P.	..	..

APPENDIX XV—(cont.)

Serial No.	Name of person	Designation	Name of training institution	Type of training	Period of training	
					From	To
1	2	3	4	5	6	7
	JUNIOR TECHNICAL SCHOOL, CANNANORE					
1	Sri K. Vasu	Workshop Instructor	C.T.I., Calcutta	C.T.I. Training	..	..
2	„ C. Gangadharan	„	C.T.I., Hyderabad	„	..	..
	JUNIOR TECHNICAL SCHOOL, CHERUVATHUR					
1	Sri M. Kunhipaman	II Grade Skilled Assistant	„	„	..	..
2	„ P. V. Kunhambu	„	C.T.I., Madras	„	..	..

NAME OF AGENTS APPOINTED FOR THE SALE OF
GOVERNMENT PUBLICATIONS IN THE KERALA STATE

- | | |
|--|---|
| 1 J. S Paul and Sons, Cannanore | 39 K G Thomas, K. V Book B
gannur |
| 2 G. Vital Prabhu, News Agent, Manjerwar | 40 C L Joseph, The National Stores,
Irinjalakuda |
| 3 K R Brothers, Calicut | 41 N Krishnanmoorthy, Merchant, Ma
todd |
| 4 Moulavi Book Depot, Kasargode | 42 T I Joseph and Sons, Prakasom I
and Book Depot, Irinjalakuda |
| 5 Kettayi Gopalan Tellicherry | 43 P Radhakrishna Pillai,
Kizhakkakara, Kottarakara |
| 6 Touring Book Stall, Calicut | 44 Vidyarambham Press and Book
Ltd, Mullakkal, Alleppey |
| 7 K. P. Ahamed Kumb and Brothers,
Cannanore | 45 K S Kumara Pillai, Sreekur
Nedumangad |
| 8 Pallipat Stores, Irinjalakuda | 46 E K John, Stamp Vendor, c/d
Trading Co., Kottavam |
| 9 St Joseph's Press, Perinthalmanna | 47 The Mahatma Press, Palace Road, |
| 10 George Press, Ottapalam | 48 P K Charco, Proprietor, Pe
Trades, Kottavam |
| 11 Travancore Law House, Ernakulam | 49 Janatha Book Stall, Near P M G's
Trivandrum |
| 12 P K. Brothers, Calicut | 50 The Secretary, Govt. Servants Co-
utive Society Ltd, No. A208, Allep
51 The Manager, S. Thomas Press, P
52 The National Stores, Cannanore |
| 13 M V John, Law Book Seller, New Civil
Courts, Tellicherry | 53 N Chellappan Pillai, Narayana
Book Stall, Attingal |
| 14 Manager, Higginbothams (Private) Ltd,
Trivandrum | 54 K Kunhambu, Bharath Pr
Kanhanged (P O), Canna |
| 15 Current Books, Publishers and Book
Sellers, Trichur | 55 Kozhy P John, Vidyarthi
and Book Depot Kottayam |
| 16 Educational Supplies Book Sellers, Publi-
shers and Printers, Palghat | 56 Y. Habeebulla, Proprietor,
Centre, Near Collectorate, |
| 17 H. and C. Stores, Dealers in Books,
Kunnamkulam | 57 Vijayakumar Jain, Prabhu
Gurgoan, Harivara |
| 18 Manager, Reddier Press and Book Depot,
Trivandrum | 58 Haji Abdul Rala,
Kesavadasapur |
| 19 K. Parameswaran Pillai, Stamp Vendor,
Pulmoodu, Trivandrum | 59 M Balan, M. S.
R. S Road, Ottappa |
| 20 Educational Supplies Depot, Trivandrum | 60 K Kunhiraman, Man
Vazhuthacaud, Triva |
| 21 Jayachandra Book Depot, Chalai, Trivan-
drum | 61 P N Narayana Pillai,
Adoor |
| 22 S. Subramonia Iyer, Book Seller and
Stamp Vendor, Kazhakoottam | 62 V M. Noohu, Book Sei
Stall, Nilamel |
| 23 S Krishna Iyer, Stamp Vendor, Ayurveda
College View, Trivandrum | 63 A Narayanan Potti, Bo
Civil Station, Quilon-9 |
| 24 N. Parameswaran Pillai, Alummoodu
Veedu, Stamp Vendor, Kottarakkara | 64 Guru Book Stall, Palayam |
| 25 N Neelakanta Iyer, Stamp Vendor,
Padmavilasom Street, Fort, Trivandrum | 65 G Prabhakaran Nair, Me
Book House, Muvattupuz |
| 26 The Manager, K. V. Press and Book
Depot, Main Road, Attingal | 66 Manager, Desabhimani
M G. Road, Trivandrum |
| 27 K. Bhaskaran Nair, News Agent, Tri-
vandrum | 67 K V Devassy, Manager, P
Printing Works, Perinthala |
| 28 The Proprietor, Kerala Book House,
Cranganore | 68 K Bhaskara Pillai, Praha
Atungal P O |
| 29 K. K. Raghava Menon, Popular Book
Depot, Cranganore | 69 K A George, Propri
74/XII Sub Jail Re |
| 30 C. M. Book Stall, Publishers, Parayil,
Kunnamkulam | 70 V K N Pillai, Pol
kulangara, Quilon |
| 31 A. Jose, Proprietor, S V Press and Book
Depot, Neyyattinkara | 71 V. Gopinathan Nay
Junction, Neema
(Co) |
| 32 N Paramanandam, Proprietor, Ambika
Press and Book Depot, Neyyattinkara | |
| 33 The New Order Book Company, Ellis
Bridge, Ahmedabad | |
| 34 Pai and Company, Broadway, Ernakulam | |
| 35 S. Hariharakrishna Iyer, Vinayaka Book
Stall, Pazhavangadi, Trivandrum | |
| 36 K. P. Gopalan, Swaraj Book Stall, Court
Road, Quilandy | |
| 37 Ambat Sekhara Menon, Proprietor,
Menon Stores, Chittur-Cochin | |
| 38 M. I. Abraham, News Agent and Book
Seller, Punalur P.O | |

IS—(Continued from outer cover)

- ambal, Proprietor, Bhagya
 rices, M G Road, Trivandrum
 Cherian, Manager, Victory Book
 House, Muvattupuzha
- A. C Cherian, M C C Book Depot,
 Chengannur
- M/s Radha Stores, Shoranur
- A T A. Musthafa, *Musthafa Book
 Company*, P O Pavangad, Cannanore
- M.C. Babu, Babu Brothers Book
 ot, Alwaye-1
- Cherian, St Mary's Press and Book
 ot, Changanacherry-1
- Radhakrishnan Nair, Proprietor,
Modern Books, Near Boat Jetty Road,
 Quilon
- St. K Thankamma, Contractor of
 K G's Book Stall, Kottayam
- A Joseph, Proprietor, House of
 Knowledge, Publishers and Book
 Sellers, Round South, Trichur
- V Krishna Iyer, Retired R T O,
 T.C. 18/201, Valiachala, Trivandrum
- C I Varghese, son of Chaliserry Itti-
 chan, Central Book Stall, Palace Road,
 Trichur
- New Ladies Fancy Centre, Manrarghat
- W Thomas Panicker, Indu Book
 ot, Angamali P O, Ernakulam
- Varghese, Book Centre, West
 Guruvayur
- aphael, Santha Book Stall, Book
 and Stationery Merchants, G B
 Sultaopet, Palghat
- Book Agency, 2/27, Roop
 Delhi
- Book Stall, Convent
- Thomas Press and
 K Chencherry
 an, Proprietor, Sadananda
 ublishers and Book Sellers,
 ur, Palghat District
- amaran Nair, Sukumar Book
 E. 23/652, Thampanoor, Tvm
- akshan, Book Seller, Near Post
 ottakkal
- Book Organisations, 74-D,
 Nagar, (Inderlok) Delhi-110035
- k Trades, Book Sellers, Market
 a, Kottarakkara
- Anathan, Viswanath Stores, P.O
 kara, Trichur
- anabhavan Book Stall, Publishers
 k Sellers, Kayamkulam, Alleppey
- hnan Nair, Edupadreckal Puthen
 Kattakkada P O, Neyyattinkara
- Proprietor, S N V. Press
 ot, Kottarakkara
- Centre, Ottappalam
- gvoor House, Inchavila,
 Quilon
- li Stores, Badagara
- 103 P Madhavan Nair, M S Book Depot,
 Main Road, Quilon
- 104 K C Balan Nair, Book Centre, Opp
 E E M P High School, Tellicherry-1
- 105 C. Parameswaran Nair, Cepees Books
 and Periodicals, Kaitthamukku,
 T C 27/178, Trivandrum-24
- 106 K T Varkey, *Sam Agencies*, Ponkunnam
107. N G Raveendranathan Nair, Rajashree.
 Traders, P O Road, Perumbavoor
108. Jyothi Book Centre, Round West, Trichur
109. M Subbam, Students Stores, Kesava-
 dasapuram, Ulloor Village, Trivandrum
- 110 M P Rajendran the Proprietor of M/s
 Gift House, Convent Road Badagara
111. A P Thankappan Nair, New College
 Book Stall, Book Sellers, Muvattu-
 puzha-686 661
112. P R Rajasekharan, Sree Lakshmivila-
 sam Book Depot, Broadway, Ernakulam
- 113 Pandarathodi Hamsa, s/o P Hyaru, Ille
 Proprietor, Premier Book Stall, Opposite
 Government Hospital, Manjeri Road,
 Malappuram
114. V Ramakrishna Pillai, Proprietor, Raja
 Stores, Karunagappally
- 115 R. Radhakrishna Pillai, Kallidukkil
 Veedu, Chadayamangalam, Kottara-
 kkarra, Quilon District
116. N. E Balakesavan, Proprietor, Modern
 Book Centre, Trivandrum
- 117 K Vasu Pillai, Nalloor, Mani Mandi-
 ram, Kanjiracode, Kundera, Quilon
118. N Bhoothalingam Pillai, Swamy Book
 Centre, Trivandrum
- 119 S Parameswaran Namboodiri, Saradhi
 Book Dealers, Kottayam
120. M M Job, Book Centre, Ottappalam
121. Parishat Book Stall, Court Road, Manjeri
- 122 M/s General Papers, Perinthalmanna
- 123 M/s Sahitya Pravartaka Co-operative
 Society, Kottayam, Proprietor of
 National Book Stalls
- 124 T Naranan, M/s Santha Store Court
 Road, Tellicherry
- 125 A Sreedharan, Kottuvallil Veettil,
 Cheravally Muri, Kayamkulam, owner
 of Sreedhar Binding Works and Book
 Depot, Kayamkulam
- 126 T Mohammed Hussan, Vadakke Pana-
 yullathil Parambil Thruvil, Ezham-
 kulam Village, Quilon
127. George Avokaran, Janatha Stores,
 College Road, Trichur-1