

REPORT
OF THE
THREE-YEAR DEGREE COURSE
ESTIMATES COMMITTEE



MINISTRY OF EDUCATION
GOVERNMENT OF INDIA
1958

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EXPLANATORY NOTE

The Government of India have formally accepted the recommendations of the Three-Year Degree Course Estimates Committee with the following modifications :—

The basis of Non-Recurring grant to colleges actually built for more than 1,000 students will not be *per capita* as recommended by the Committee, but per unit institution of 1,000 students. Thus if an institution has 1,500 students and was actually built for that number, its share of Non-Recurring grant will be $1\frac{1}{2}$ times the amount recommended by the Committee for that type of institution.

The Report is being printed as it was submitted to the Government of India but the statistical tables have been left out because the information given in them related to the position as it stood on 31st March, 1955. The statistics for this period are being published separately in "Education in Universities in India 1954-55" and those interested in this aspect can supplement the Report by referring to this publication. More recent statistics are also available in the publication entitled "Education in the Reorganised States 1955-56".

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APPENDIX I

Committee to work out the Estimates of Expenditure Connected with the Introduction of Three-Year Degree Course in Universities and Affiliated Colleges.

TERMS OF REFERENCE

1. To make recommendations regarding the best manner in which three-year degree course could be introduced in the affiliated colleges and Universities in the country and the arrangements which would be made during the interim period for admission of students to the reorganised Arts and Science Colleges and the professional colleges as constituted at present till the new pattern is fully introduced.

2. To frame the estimates of expenditure involved in the reorganisation of collegiate education implicit in the introduction of Three-Year Degree Course in Universities and affiliated colleges.

3. To suggest the proportions in which the expenditure may be shared between the Central Government and the State Governments for introducing the Three-Year Degree Course.

4. To recommend the best manner in which interim grants from Central Government may be made to the State Governments for the year 1956-57 in case formulation of schemes by the State Governments is delayed.

5. To consider and examine the future of the Intermediate colleges and such other problems as may be ancillary to the main question of introducing Three-Year Degree Course.

6. To consider any other issues which may be relevant to the question of introducing a 3-Year Degree Course in the Universities and the affiliated colleges.

APPENDIX II

REPORT OF THE SUB-COMMITTEE OF THE ESTIMATES COMMITTEE

A meeting of the Sub-Committee appointed for preparing estimates of expenditure likely to be incurred for introducing three-year degree course in Universities and Affiliated Colleges was held in Dr. A. L. Mudaliar's room in Ambassador Hotel, New Delhi, on 1st December '56 at 4-30 P.M., when the following were present:—

Dr. A. L. Mudaliar	} Members
Prof. N. K. Sidhanta	
Shri S. Govindarajulu	
Dr. G. F. Lakhani	
Dr. B. D. Laroia	} University Grants Commission
Shri N. T. Karnani from Ministry of Education	

I. The Committee took note of the fact that according to the revised figures available for 1955-56 the number of Intermediate colleges in the country is 300 (counting only 100 such colleges for U. P.) in the following breakup:—

- (a) Institutions in which two Intermediate classes along with high school classes are housed in the same premises;
- (b) Intermediate Colleges with High School attached, both being under the same management but in different premises;
- (c) Intermediate colleges with two classes only (*i.e.*, without having either High School classes or degree classes)

II. A large majority of colleges belonging to category (a) above will be transferred to Higher Secondary Schools with 11 classes, the second year Intermediate being removed. In Uttar Pradesh there are as many as 650 Institutions in which High Schools have Intermediate classes attached to them. Out of these about 100 may have to be upgraded to Degree standard and the rest being converted into Higher Secondary Schools. The loss of income to the Institutions, which lose top class *i.e.*, second year Intermediate, will be compensated by the State Government concerned under the scheme of 'Improvement of Secondary Education'.

Under categories (b) & (c) above fall about 196 Institutions of which 73 are teaching only Art and Commerce, 14 only science subjects and 109 teaching both Arts and Science. The Committee recommends that all colleges when upgraded to a Degree standard should have facilities for teaching of general science as a part of general education and, therefore, all institutions should be provided with such laboratory facilities and staff which may be necessary for the purpose.

Average expenditure in upgrading an Intermediate College will be as follows:—(As per details given in Annexure-I):—

<i>Non-recurring</i> —	
(including additional building accommodation for Lecture rooms, Staff room, Laboratories, Furniture, fittings, Library books and equipments etc.)	Rs. 2.5 lakhs per Institution
<i>Recurring</i> —	
(Including additional staff and contingencies etc.)	Rs. 0.50 lakhs per Institution

On the above basis if 100 colleges are to be upgraded in U. P. and 150 (out of 196) in other States, total expenditure involved will be—

Non-recurring 250 × 2.5 (lakhs) = 625.00 lakhs.

<i>Recurring—</i>			Lakhs
1st Year 1957-58 . . .	50 × 0.50 (lakhs)		25.00
2nd Year 1958-59 . . .	100 × 0.50 „ .		50.00
3rd Year 1959-60 . . .	160 × 0.50 „ .		80.00
4th Year 1960-61 . . .	250 × 0.50 „ .		125.00
TOTAL (Recurring)			280.00

GRAND TOTAL (N. R. & R.) during
Second Five-Year Plan . . . Rs. 9.05 Crores

III. According to the latest figures available for 1955-56 there are 53¹ Degree Colleges under the following major categories:

(a) Colleges teaching in Humanities (and Commerce)	165
(b) Colleges teaching in Science subjects only . . .	10
(c) Colleges teaching in Humanities up to B.A. but in Science up to Intermediate only . . .	112
(d) Colleges teaching in Humanities as well as Science up to B.A. standard . . .	244
TOTAL . . .	53 ¹

Of the above, 500 colleges may have to be financed for bringing them into new pattern of education.

Average expenditure in converting a Degree College with two Intermediate and two B.A. classes into a new type of Institution with preparatory and three B.A. classes will be as follows (as per details given in Annexure II):

<i>Non-recurring—</i>	
(including additional building accommodation for Lecture rooms, staff room, Laboratories, Furniture fittings, Library Books and Equipments etc.)	Rs. 1.5 lakhs
<i>Recurring—</i>	
(including additional staff and contingencies etc.)	Rs. 0.3 „
On the above basis 500 colleges will mean a total expenditure of—	
	Lakhs

<i>Non-recurring</i>	500 × 1.5 (lakhs)	750.00
<i>Recurring—</i>		
1st year 1957-58 . . .	250 × 0.3 (lakhs)	75.00
2nd year 1958-59 . . .	350 × 0.3 „ .	105.00
3rd year 1959-60 . . .	450 × 0.3 „ .	135.00
4th year 1960-61 . . .	500 × 0.3 „ .	150.00
TOTAL (Recurring)		465.00

GRAND TOTAL (N. R. & R.) for Degree
Colleges during Second Five-Year Plan . . . 12.15 Crores

Total expenditure, therefore, will come to Rs. 21.2 crores. According to the present expectations, the Ministry of Education may contribute Rs. 5.0 crores, U. G. C. Rs. 2.5 crores, State Governments Rs. 5.0 crores and Private Managements Rs. 2.5 crores, making a total of Rs. 15.00 crores. This will leave a balance of Rs. 6.2 crores to be covered. In fact it may not be necessary to find this amount as some of the Universities have no plans to give effect to the re-organisation of education until 1959-60.

A number of institutions will voluntarily stay out during the Second Five-Year Plan and therefore will need financing only after 1960-61.

Sd/-A.L. Mudaliar

Sd/-*N. K. Sidhanta

Sd/-S. Govindarajulu

Sd/-G. F. Lakhani

Sd/-B. D. Laroia

N. K. SIDHANTA

*Subject to some modifications in Bengal.

Annexure I

Estimates of Expenditure for Upgrading Intermediate Colleges of Various Types

I. Arts Colleges, i.e. teaching Humanities (I.A.) only—

(Total number of colleges-110, including 37 from U. P. and 73 from other States)

<i>Non-Recurring—</i>	Sq. ft.	Rs.
(a) Two halls 30' × 40'	2400	
Four lecture rooms 30' × 20'	2400	
One staff room 30' × 15'	450	
TOTAL	5250	
Cost @ Rs. 15 per sq. ft.		78,750
Furniture etc.		6,250
TOTAL		85,000
(b) General Science Laboratory 30' × 40'	1200	
Store room	300	
Lecture gallery for General Science	1000	
TOTAL	2500	
Cost @ Rs. 15 per sq. ft.		37,500
Fittings and furniture		7,500
TOTAL		45,000
(c) Library books		20,000
Scientific equipment for General Science		10,000
TOTAL		30,000
Total (non-recurring) per college		1,60,000
<i>Recurring—</i>		
<i>Additional staff—</i>		
5 Professors @ Rs. 350 p.m.		21,000
4 Lecturers @ Rs. 250 p.m.		12,000
Contingencies		2,000
TOTAL		35,000

II. Colleges teaching Science Subjects (I.Sc.) only.

(Number of colleges 14)

<i>Non-recurring—</i>	Sq. ft.	Rs.
(a) Two lecture rooms	2400	
Two small rooms	1200	
Staff room	450	
TOTAL	4050	

	Sq. ft.	Rs.
Cost @ Rs. 15 per Sq. ft.		60,750
Furniture etc.		4,250
TOTAL		65,000
(b) Two Science Laboratories 40' x 30'	2400	
Preparation room, balance room etc.	900	
Two store rooms	900	
TOTAL	4200	
Cost @ Rs. 15 per sq. ft.		63,000
Furniture etc.		22,000
TOTAL		85,000
(c) Library Books		20,000
Scientific equipment		80,000
TOTAL		1,00,000
TOTAL (non-recurring) per college		2,50,000
<i>Recurring—</i>		
For additional staff as in Arts Colleges		35,000
Contingencies (Laboratory maintenance)		5,000
TOTAL		40,000
<i>III. Colleges teaching Science as well as Humanities—</i>		
(No. of colleges : U. P.—63, other States—109 TOTAL—172)		
(a) Two lecture halls	2400	
Four Lecture rooms	2400	
One Staff room	720	
TOTAL	5520	
Cost @ Rs. 15 per sq. ft.		82,800
Furniture		7,200
TOTAL		90,000
(b) Two Science Laboratories	2400	
Preparation room, balance room etc.	900	
Two store rooms	900	
TOTAL	4200	
Cost @ Rs. 15 per Sq. ft.		63,000
Furniture etc.		22,000
TOTAL		85,000

		Rs.
(c) Library books	Rs. 25,00	25,000
Scientific equipment		1,00,000
	TOTAL	1,25,000
TOTAL (non-recurring) per college		3,00,000
<i>Recurring—</i>		
10 Professors @ Rs. 350 p.m.		42,000
8 Lecturers @ Rs. 250 p.m.		24,000
Contingencies		4,000
		70,000

Annexure IA

Summary of expenditure for different types of Intermediate colleges

Type of College	No.	Total (N. R.) expenditure	Recurring expendi- ture for one year
			Rs.
(a) Arts Colleges	110	Rs. 1.76 crores	38,50,000
(b) Science Colleges	14	Rs. 0.35 „	5,60,000
(c) Arts & Science Colleges	172	Rs. 5.16 „	1,20,40,000
TOTAL	296	Rs. 7.27 „	1,64,50,000
Average (approximate) non-recurring expenditure per college			Lakhs 2.5
Average (approximate) recurring expenditure per college			Rs. 50,000

Annexure II

Estimates of Expenditure for Degree Colleges of Various Types

Colleges teaching either only Humanities (B.A.) or only science subjects (B.Sc)

(Total number of colleges 175)

<i>Non-recurring—</i>	Sq. ft.	Rs.
(a) 3 Lecture rooms (30' × 20')	1800	
One General Science Laboratory (30' × 40')	1200	
	3000	
Cost @ Rs. 15 per sq. ft.		45,000
Furniture etc.		5,000
		50,000
(b) Library Books		15,000
Equipment for General Science		10,000
		25,000
		75,000
TOTAL (Non-recurring) per college		
<i>Recurring—</i>		
3 Professors @ Rs. 350 p.m.		12,600
4 Lecturers @ Rs. 250 p.m.		12,000
		24,600
		or say 25,000
II. Colleges teaching Humanities as well as Science Subjects, i.e., B. A. and B.Sc.		
(Total number of colleges—244)		
<i>Non-recurring—</i>		
(a) Three rooms (30' × 20')	1800	
Additional rooms for laboratories i.e., Balance room, preparation room etc.	2400	
One General Science Lab.	1000	
	5200	
Cost @ Rs. 15 per sq. ft.		78,000
Furniture etc.		7,000
		85,000
(b) Library books		25,000
Science equipment		40,000
		65,000
		1,50,000
TOTAL (Non-recurring) per college		
<i>Recurring—</i>		
5 Professors @ Rs. 350 p.m.		21,000
3 Lecturers @ Rs. 250 p.m.		9,000
		30,000
		1,30,000

III. Colleges teaching Humanities up to B.A. and Science up to Intermediate only
(Total number of colleges—112)

Non-recurring—

	Sq. ft.	Rs.
(a) Three rooms (30' × 20')	1800	
Two Laboratories (30' × 40')	2400	
Subsidiary rooms for Laboratories (Balance and store rooms etc.)	2400	
One science lecture room	1400	
TOTAL	8000	
Cost @ Rs. 15 per sq. ft.		1,20,000
Furniture and fittings etc.		30,000
TOTAL		1,50,000
		1,50,000
(b) Library books		25,000
Science equipment		1,00,000
TOTAL		1,25,000
TOTAL (Non-recurring) expenditure per college		2,75,000
Recurring—		
4 Professors @ Rs. 350 p.m. each		16,800
6 Lecturers @ Rs. 250 p.m. each		18,000
Contingencies		5,200
TOTAL		40,000

Annexure IIA

Summary of expenditure for different types of Intermediate Colleges

Type of colleges	No. of units.	Total (N.R.) expenditure		Recurring expenditure per year
		Rs.	Rs.	
(a) Arts or Science Colleges	175	1,31,25,000	43,75,000	
(b) Arts and Science Colleges	244	3,66,00,000	73,20,000	
(c) Arts up to B.A. & Science up to I.Sc.	112	3,08,00,000	44,80,000	
TOTAL	531	8.5 crores	1,61,75,000	
Average (approximate) non-recurring expenditure per college.				1.5 lakhs
Average (approximate) recurring expenditure per college				30,000