



**ADMINISTRATION
REPORT**

**OF THE
MUNICIPAL COMMISSIONER
OF
GREATER MUMBAI
FOR
1992 - 93**

CITY, SUBURBS AND EXTENDED SUBURBS

MUNICIPAL PRINTING PRESS
MUMBAI-400 011

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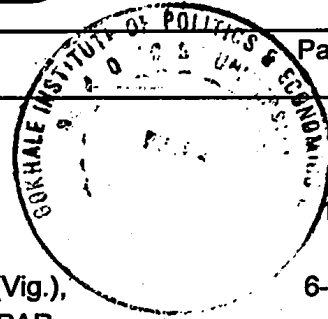
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ADMINISTRATION REPORT 1992-93

INTRODUCTION

Under the Section 124 of the M. M. C. Act, I place the 'ADMINISTRATION REPORT' for the year 1992-93 before the Corporation. The report brings out salient features of the activities carried out and the services rendered by various departments of the Municipal Corporation during the year 1992-93, which are briefly narrated below :-

2. The Public Health Department collected vital statistics on various communicable and other diseases including births and deaths and has been maintaining Public Health Laboratory for examination of water and food samples. The Department implements National Programmes like T. B. Control, Malaria Eradication etc. along with combating the dreaded disease like Acquired Immune Deficiency Syndrome (AIDS). AIDS Surveillance Centres with blood sample testing facilities have been started with assistance from ICMR at various Hospitals through Government of Maharashtra.

During the year 1992, in all 2, 11, 127 births and 80,074 deaths were registered. Birth and Death rates for 1992 were 20.8 and 8.00 respectively. The infant mortality rate for 1000 live births was 47.2 and the maternal mortality rate was 0.3. There is decline in infant and maternal mortality rate as compared to that of the preceding year.

As part of preventive work, emphasis is given on the Medical Examination of the school children. Further, the public Health Department is rendering Medical Service to the citizens through 14 General Hospitals, 5 specialized hospitals one each for E. N. T., Eye, T. B., Infectitious diseases and leprosy, 25 maternity Homes, 154 Allopathic dispensaries, 3 Aurvedic dispensaries, 2 Unani dispensaries, one S. T. D. clinic and one drug de-addiction centre.

Indian Population Project V launched in the year 1988 with the World Bank Assistance provided preventive and promotive health care services through various health posts in different localities at the door step of the needy people.

3. City Engineer's Department carried out construction of Bridges, Municipal Markets, Schools. Similarly, the Environment Sanitation and Project Department carried out air quality monitoring in different parts of Mumbai. Similarly, Slum Improvement Cell provided basic civic amenities under Environmental Improvement Scheme for construction of Primary Schools, dispensaries, reconstruction of dilapidated sanitary blocks in the slum areas.

4. Development Plan Department finally had the Development Control Regulations approved by the State Government effective from 25-3-1991. The State Government had accepted the concept of Transfer of Development Rights, to be given to the owners of the land which are under reservations and if handed over free cost and free of encumbrances to the Municipal Corporation. Accommodation reservation had also been accepted by State Government.

5. The Road Department is mainly responsible for construction, resurfacing and maintenance of asphalt roads admeasuring about 1500 kms. and mastication of the junctions.

6. The cement Concrete Roads Department has taken up the works of construction of Cement concrete Roads. Uptill now 110 kms. of major roads were concretised at the cost of Rs. 135 crores. Hence, the problem of pot holes on the roads is now reduced.

7. Mechanical & Electrical Department carried out the work of Planning, Procurement, erection, supervision, service maintenance and repairs of the Mechanical & Electrical works of the various departments such as --

- 1) Municipal Power Laundry.
- 2) Municipal Workshop.
- 3) Medico Electronic Cell.
- 4) Air Conditioning Plants.
- 5) Municipal Foundry.
- 6) EPABX System.

8. Solid Waste Management Department is concerned with the sweeping of roads, collection and disposal of garbage, removal of debris due to road excavation and building repairs. The major scheme carried out by this department are as follows :--

- 1) Refuse removal and clearance by dumper placers and containers.
- 2) Removal of garbage with 70 compactors.
- 3) Construction and maintenance of Sulabh Complex at 164 sites.
- 4) Vermiculture Project for production of vermi-compost from garbage and construction of pilot plant for conversion of garbage into fuel pallets.
- 5) Scheme for pay and use toilets for the pavement dwellers.

9. The Fire Brigade Department is organized to save lives and property in the event of fire and other emergencies such as house collapses, Bomb blast, motor and train accidents, oil and chemical spillages etc.

10. Water Supply Project Department is trying to keep pace with increasing demand of Water Supply to Mumbai's increasing population by continuously embanking upon land and exploiting the water resources. Out of 455 MLD Water supply expected on completion of Bombay III Projects, 90 MLD Water is already being brought from 26th March 1993.

11. Similarly, Hydraulic Engineer's Department looks after the maintenance of the water works and distribution of water supply including implementation of the works required for distribution of water.

12. The Sewerage Project Department is carrying out various works under Bombay-II & Bombay-III Projects. In Bombay II Sewerage Project 13 Pumping Stations and 45 km. of pipe-line have already completed, whereas in Bombay III Project 17 kms. sewer lines have been completed.

13. The Sewerage Operation Department is assigned the overall functions of the Sewerage Operation and Maintenance System for City of Bombay. Maintenance and Operation of Storm Water Drainage System of the Suburbs and City are also looked after by Sewerage Operation Department.

14. The Assessment & Collection Department is the major revenue earning department of the Corporation. The total collection of the year 1992-93 was Rs. 878.51 Crores which was excess that the previous year. Octroi being principal source of revenue, all out efforts are being made to improve collection and reduce leakages. Various measures also being taken to improve the administration of levy, collection and refund of Octroi.

15. The Education Department carried out different schemes to promote the primary education. About 15,000 students appeared for Government Scholarship examination out of which about, 6,500 students passed and 27 students secured Government Scholarship. Computer education centre for primary schools students has been started in Los Angeles Municipal School to spread awareness and generate keen interest in school students about computer.

16. The Civic Training Institute & Research Centre (CTI & RC) arranged training programmes in Administrative Management, Financial Management, General Management, Management techniques. Induction training programmes also organized for the newly recruited employees to acquaint with the functions and activities carried out by the Corporation. C.T.I. & R.C. also organizes and conducts National Refresher Courses at the request of Ministry of Urban Development, Government of India.

**GENERAL
CORPORATION, STANDING COMMITTEE,
IMPROVEMENTS COMMITTEE,
EDUCATION COMMITTEE AND
THE TREE AUTHORITY.
CORPORATION**

Shri Chandrakant D. Handore, who was elected Mayor at the Meeting of the Corporation held on 7th March 1992 and held that office throughout the year.

2. 100 Meetings of the Corporation, 73 Meetings of the Special Committees and 4 Meetings of the Consultative Committees were held during the year 1992-93.

3. The Corporation have accorded Civic Address to Hon'ble Dr. Shankar Dayal Sharma, President of India, at Raj Bhavan on 16th November 1992.

STANDING COMMITTEE

Shri R. T. Kadam, who was elected as Chairman of the Standing Committee at their Meeting held on 14th March 1992, held that Office upto 31st March 1993.

Smt. Nirmala V. Samant was an ex-officio Member of the Standing Committee on her appointment as the Chairman of the Education Committee with effect from 24th March 1992. 174 Meetings, including regular and Adjourned Meetings and Special and Adjourned Special Meetings were held during the year. 1 Meeting of the Sub-Committee was held during the year.

**LIST OF COUNCILLORS WHO HELD OFFICE
FROM 14TH MARCH 1992 TO MARCH 1993.**

STANDING COMMITTEE

(1992-93)

1. Shri R. T. Kadam, (Chairman);

- | | |
|--------------------------|-------------------------------|
| 2. Avchat, Shri V. V. | 12. Bastiwala, Shri K. M. A. |
| 3. * Kadam, Shri P. R. | 13. Bhosle, Shri A. K. |
| 4. Kadam, Shri Baba | 14. Mayekar, Shri Subhash |
| 5. Kohli, Shri S. J. | 15. Lad, Shri R. P. |
| 6. Gavas, Shri Baban | 16. Verma, Shri Narandra |
| 7. Churi, Smt. Sudha | 17. Shinde, Shri S. K. |
| 8. Jaywant, Smt. Kala | 18. Sardar, Shri T. S. |
| 9. Tirandaz, Shri Rustom | 19. Satam, Shri Nandu |
| 10. Nerurkar, Shri V. R. | 20. **Samant, Smt. Nirmala V. |
| 11. Pandey, Shri B. N. | 21. +Singh, Shri R. D. |
| | 22. Singh, Shri R. R. |

* Expired on 4th September 1992

** Ex-Officio Member

+ Appointed as Member on 22nd December 1992.

IMPROVEMENTS COMMITTEE

Shri Shyam Shetty, who was elected Chairman of the Improvements Committee at their Meeting held on 26th March 1992, held that Office upto 13th June 1992 (He expired on 14th June 1992).

Shri Upendra Doshi, who was elected Chairman of the Improvements Committee at their Meeting held on 21st July 1992, held that Office for the remaining period of the year. 34 Meetings including regular and adjourned Meetings were held during the year.

LIST OF COUNCILLORS WHO HELD OFFICE AS ON 31ST MARCH 1993.

IMPROVEMENTS COMMITTEE (1992-93).

1. Shri Upendra P. Doshi (Chairman).

- | | |
|---------------------------------|------------------------------------|
| 2. Shri Oliver Paixao Andrade | 11. Shri Subhash Matreja |
| 3. Mohammed Hanif Khan | 12. Shri Ganesh Anantrao Mahale |
| 4. Shri Vinod Ghedia | 13. Shri Ravi Raja |
| 5. Shri Kisan Jadhav | 14. Dr. A. S. Rao |
| 6. Shri Dinkar Gangaram Zarpkar | 15. Shri Chandrakant Govind Wadkar |
| 7. Kumari Kala Tiwari | 16. Shri George Ibrahim Vidhyati |
| 8. Shri Vijay Mahadev Daruwale | 17. Shri Sugandha Shetye |
| 9. Smt. Neeta Ashwin Naik | 18. Shri Gunvant Sheth |
| 10. Shri Kuldeep Pednekar | 19. Shri Mohammed Hadi Sayyed |
| | 20. Smt. Indira Pangarkar*. |

* Appointed as Member with effect from 12th October 1992 vice Shri S. B. Shetty deceased.

EDUCATION COMMITTEE

Smt. Nirmala Samant, who was elected Chairman of the Education Committee at their Meeting held on 25th March 1992, held that office upto 31st March 1993.

20 Meetings including regular and adjourned meetings and Special and Adjourned Special Meetings were held during the year.

EDUCATION COMMITTEE (1992-93)

1) Smt. Nirmala Samant (Chairman);

- | | |
|----------------------------|------------------------------------|
| 2) Shri R. S. Anaokar.* | 12) Smt. Alpana Painter. |
| 3) Smt. Sita D. Gomes. | 13) Shri Ismail M. Makwana. |
| 4) Smt. Deepali D. Chavan. | 14) Shri Dashrath K. Madhukunta. |
| 5) Shri R. N. Chauhan. | 15) Smt. Vishakha S. Raut. |
| 6) Smt. Mangalatai Joshi | 16) Smt. Hansa V. Shah.* |
| 7) Smt. Hansaben G. Desai. | 17) Smt. Amina M. Sayed. |
| 8) Shri M. R. Naik.** | 18) Shri V. B. Singh. |
| 9) Shri B. L. Nagvekar.* | 19) Smt. Pushpa K. Subhedar.* |
| 10) Shri Bala Nandgaonkar. | 20) Smt. Bagam Talimunnisa Sayyed. |
| 11) Shri S. A. Palande. | |

* Non-Councillor or Members of the Committee.

** Expired on 4th November 1992.

TREE AUTHORITY

2 Meetings of the Tree Authority were held during the year.

LIST OF COUNCILLORS WHO HELD OFFICE AS ON 31ST MARCH 1993.

LIST OF COUNCILLORS WHO HELD OFFICE AS ON 31ST MARCH 1993.

TREE AUTHORITY (1992-93)**1. Shri Chandrakant Handore, (Chairman);**

- | | |
|-----------------------------|---|
| 2. Shri G. D. Kadam. | 9. Smt. Pushpa G. Bora. |
| 3. Smt. Suhasini R. Chavan. | 10. Smt. Pramila K. Malkarnekar. |
| 4. Smt. Kamlaben Trivedi. | 11. Shri M. D. Vaidya. |
| 5. Shri C. B. Nirbhavane. | 12. Shri M. Y. Shinde. |
| 6. Shri M. K. Pawar. | 13. Shri S. K. Shinde. |
| 7. Smt. Sharli Pawar. | 14. Smt. Fulabai A. Sonawane. |
| 8. Dr. Ram Barot. | 15) Smt. Manoram Patil,
(Chairman, M. & G. Committee). |

Shri S. J. Chube, appointed as Municipal Secretary with effect from 2nd September 1988.

No circumstances arose in this department in which it was necessary to invoke the provisions of the Municipal Servant's Act, 1890. There was no separate Award of Adjudication during the year 1992-93, so far as this Department is concerned.

LIST OF COUNCILLORS WHO HELD OFFICE AS ON 1ST APRIL 1992.

- 1) Shri C. D. Handore, Mayor.
- 2) Shri R. T. Kadam, Chairman, Standing Committee.
- 3) Shri Shyam Shetty*, Improvements Committee.
- 4) Shri U. P. Doshi**, Chairman, Improvements Committee.
- 5) Smt. Nirmala Samant, Chairman, Education, Committee.
- 6) Shri R. J. Singh, Chairman, B.E.S.T. Committee.

- | | |
|-------------------------------|--|
| 1) Smt. Nirmala S. Agarwal | 15) Shri P. R. Kadam expired on 4.9.92 |
| 2) Shri Abrahani Y. M. H. | 16) Smt. Priyavanda D. Kadam |
| 3) Shri N. B. Almeida. | 17) Shri Baba Kadam |
| 4) Shri V. V. Avachat | 18) Shri V. G. Kadam |
| 5) Shri V. G. Ahir | 19) Shri Jagmohan Kapoor |
| 6) Dr.(Smt) Pushpa H. Ahirwar | 20) Shri M. N. Kavathe |
| 7) Smt. Bharati R. Agalave | 21) Shri C. K. Kasbe |
| 8) Shri P. A. Ayare | 22) Adv. N.A.H. Kazi |
| 9) Shri Vedu Ayre | 23) Smt. Saroj K. Kapadia |
| 10) Shri Philip Easo | 24) Shri D.D.Kandarkar |
| 11) Shri O. P. Andrade | 25) Shri J.S.Kamble |
| 12) Shri Machhindra Kachare | 26) Smt. Sajida Contractor |
| 13) Shri Dattu Katke | 27) Shri R.J.Crasto |
| 14) Shri G. D. Kadam | |

* Expired on 14-6-1992.

** Appointed as a Chairman of the Improvements Committee on 21st July 1992.

- 28) Smt. Vaishali R. Kirve
 29) Shri A. R. Kunnure
 30) Shri S. J. Kohli
 31) Shri Faiyaz Khan
 32) Shri M. H. Khan
 33) Smt. Shaheda Khan
 34) Shri V. P. Khadye
 35) Shri Baban Gavas
 36) Shri D. D. Gujar
 37) Shri B. V. Gurjar
 38) Smt. Sita D. Gomes
 39) Smt. Purnima P. Goragandhi
 40) Smt. Hema B. Gondhalekar
 41) Shri N. S. Ghagare
 42) Shri Vinod Ghedia
 43) Smt. Dipali D. Chavan
 44) Shri D. A. Chavan
 45) Smt. Mandakini B. Chavan
 46) Shri S. S. Chavan
 47) Smt. Suhasini R. Chavan
 48) Smt. Sudha Churi
 49) Shri R. N. Chauhan
 50) Smt. Kala Jaywant
 51) Shri A. B. Jadhav
 52) Shri Kisan Jadhav
 53) Smt. Janabai B. Jadhav
 54) Smt. Sharadha S. Jadhav
 55) Shri S. B. Jain
 56) Smt. Mangalatai Joshi
 57) Shri D. G. Zarakar
 Expired on 14-4-1993
 58) Smt. Razia Tearcher
 59) Shri G. S. Thakare
 60) Shri R. R. Thakur
 61) Smt. Vidya J. Thakur
 62) Shri Rustom Tirandaz
 63) Kumari Kala Tiwari
 64) Shri B. K. Tiwari
 65) Shri R. M. Tiwari
 66) Smt. Kamalaben Trivedi
 67) Shri U. V. Torane
 68) Shri K. T. Thapa
 expired on 23-4-92
 69) Shri M. G. Thorat
 70) Shri D. B. Dalvi
 71) Shri S. B. Dalvi
 72) Shri V. M. Daruwale
 73) Shri Maruti Deokar
 74) Shri M. B. Devle
 75) Shri S. S. Deshmukh
 76) Shri V. G. Desai
 77) Smt. Hansaben Desai
 78) Smt. Vijaya K. Dhulla
 79) Shri A. G. Nare
 80) Shri Bal Nare
 81) Shri K. P. Naik
 82) Shri D. P. Naik
 83) Smt. Neeta A. Naik
 84) Shri M. R. Naik
 expired on 4-11-92
 85) Shri Ramdas Nayak
 86) Shri V. S. Naidu
 87) Shri Bala Nandgaonkar
 88) Shri C. B. Nirbhavane
 89) Shri A. K. Nerurkar
 90) Shri V. R. Nerurkar
 91) Shri M. I. Patel
 92) Smt. Noorjahan A. Pathan
 93) Shri Moosa Panirwala
 94) Shri J. M. Parab
 95) Smt. Suhasini G. Parab
 96) Shri B. S. Pawar
 97) Shri M. K. Pawar
 98) Shri R. D. Pawar
 99) Smt. Sharti Pawar
 100) Smt. Sunanda J. Patil
 101) Shri D. G. Patil
 102) Shri Parshuram Patil
 103) Shri B. H. Patil
 104) Smt. Manorama D. Patil
 105) Shri M. B. Patil
 106) Shri S. B. Patil
 107) Shri H. L. Patil
 108) Smt. Ranjana L. Parekh
 109) Shri S. A. Palande
 110) Shri R. R. Pillai
 111) Shri Ashok Pisal
 expired on 10-9-92
 112) Shri K. S. Pednekar
 113) Shri A. G. Pandit
 114) Smt. Indira M. Pangarkar
 115) Shri B. N. Pandey
 116) Smt. Alpana Painter
 117) Shri Kalubhai Bachani

- 118) Shri K. A. Bastiwala
 119) Shri Babubhai Bhavanji
 120) Smt. Shataben R. Baria
 expired on 11-1-93
 121) Dr. Ram Barot
 122) Dr. R. N. Boudhankar
 123) Shri A. R. Britto
 124) Smt. Pushpa G. Bora
 125) Shri Mahesh Bhatt
 126) Smt. Nirmala R. Bhargav
 127) Smt. Arunaben M. Bhatia
 128) Shri Sahebrao Bhintade
 129) Shri A. K. Bhosle
 130) Shri I. M. Makwana
 131) Shri S. M. Matreja
 132) Shri D. K. Madhukunta
 133) Shri Subhash Mayekar
 134) Smt. Pramila K. Malkarnekar
 135) Shri G. A. Mahale
 136) Shri D. J. Mhaske
 137) Shri N. P. Mane
 138) Smt. Anagha P. Mhatre
 139) Smt. Karuna M. Mhatre
 140) Shri P. A. Mhatre
 141) Shri R. M. Mhatre
 142) Smt. Sarabai Mithaiwala
 143) Shri Parshuram Mirekar
 144) Smt. Manjula H. Mishra
 145) Smt. Hamida M. Mistry
 146) Shri Nandgopal Menon
 147) Shri Y. J. Memon
 148) Shri N. M. Mestry
 149) Shri N. R. Mehta
 150) Smt. Sheela P. More
 151) Shri Firoze Mantri
 152) Smt. Sulbha S. Yadav
 153) Smt. Kusum N. Raut
 154) Smt. Vishakha S. Raut
 155) Smt. Shamal V. Raut
 156) Shri R. W. Raginwar
 157) Shri Ravi Raja
 158) Dr. A. S. Rao
 159) Smt. Jayvanti S. Rampure
 160) Shri R. P. Lad
 161) Shri V. G. Loke
 162) Shri M.S.H.U. Lokhandwala
 163) Shri Narendra Verma
 164) Shri C. G. Wadkar
 165) Smt. Sumitra V. Wable
 166) Shri R. D. Waikar
 167) Smt. Jaymala J. Walawalkar
 168) Shri G. I. Vidhyati
 169) Smt. Trishna C. Vishwas-rao
 170) Shri P. V. Vedak
 171) Shri Prabhakar Vaidya
 172) Shri M. D. Vaidya
 173) Smt. Usha K. Shah
 174) Smt. Kokila J. Shah
 175) Smt. Bina C. Shah
 176) Smt. Ujwala U. Shirke
 177) Smt. Subhangi D. Shirke
 178) Shri D. R. Shisode
 179) Smt. Jyoti S. Shinde
 180) Shri M. Y. Shinde
 181) Shri S. K. Shinde
 182) Smt. Sunita S. Shinde
 183) Shri H. G. Shinde
 184) Shri G. A. A. Shaikh
 185) Shri R. S. Shaikh
 186) Smt. Annie Shekhar
 187) Shri G. C. Shetty
 188) Smt. Bhartiben Shetye
 189) Smt. Sugandha Shetye
 190) Shri G. H. Sheth
 191) Shri H. M. Sanas
 192) Smt. Amina M. Syeed
 193) Shri M. H. Sayyed
 194) Shri T. S. Sardar
 195) Shri Sada Sarwankar
 196) Shri N. T. Satam
 197) Shri Suhas Samant
 198) Smt. Pratibha K. Sawant-Parab
 199) Smt. Manisha D. Sawant
 200) Shri S. T. Sawant
 201) Shri S. K. Sawant
 202) Shri S. M. Sawant
 203) Shri N. S. Siddiqui
 204) Shri A. U. Singh
 205) Shri B. D. Singh
 206) Shri R. D. Singh
 207) Shri R. R. Singh
 208) Shri V. B. Singh
 209) Shri Jasbirsingh Sethi
 210) Smt. Begam Talimunnisa Sayyed
 211) Shri N. N. Sodha
 212) Smt. Fulabai A. Sonawane
 213) Shri Purshottam Solanki
 214) Smt. S. Paulinmary
 215) Shri M. J. Hegde.
-

The Municipal Government of Greater Bombay is controlled by the Bombay Municipal Corporation Act.

The Municipal area of 437.71 Sq. K. Mts. is divided into 23 wards which are grouped under six administrative zones, which service the civic needs of nearly One Crore citizens by employing a work force of about 1,30,000 with a budgetary outlay of Rs. 1804.97 crores. Each of the six zones is supervised by a Deputy Municipal Commissioner who is delegated with most of the executive powers of the Commissioner for smooth administration of the wards through the Ward Officers. In addition, there are six functional Dy. Municipal Commissioners who head certain departments dealing with specialised subjects, like Water Supply and Sewerage, Development Plan of the City, Personnel Administration etc. One of the functional Deputy Municipal Commissioners is designated as the Director (Engineering Services and Projects).

Since 1984, by an amendment to the B. M. C. Act, the post of Additional Municipal Commissioner was constituted and three such posts were created to assist the Commissioner in the overall management of the Municipal affairs. One more post of A. M. C. has been added to the present strength of 3 A. M. Cs. for assisting the Commissioner. Thus there are 4 Addl. M. Cs. assisting the Commissioner.

The present Municipal Corporation came into office on 3rd March 1992 after the Ninth Municipal General Election held in February, 1992 with an added strength of 51 Councillors, raising the strength of the Councillors to 221. For the first time, in the history of the Corporation, 3 seats of Councillors are reserved for Women candidates belonging to Scheduled Castes and 63 seats are reserved for Women from open category.

The basic philosophy in framing this legislation, enunciated way back by the memorable pronouncement by Lord Ripon on Local Self Government in 1882, seems valid even today. The resolution of 18th May 1882 inter alia states - "It is not primarily with a view to improvement in administration that this measure is put forward and supported. It is chiefly designed as an instrument of political and popular education. As education advances, there is rapidly growing up all over the country an intelligent class of public-spirited men whom, it is not only bad policy, but sheer waste of power, to fail to utilise." Many great Indians, who were associated in framing this legislation and piloting it through the Council of Governor in 1887 were Shri K. T. Telang, who later became one of the youngest Indians to be nominated as Judge of the Bombay High Court, Sir Pheroze Shah Mehta, Lord Reay, Mr. Forbes Adam and other eminent jurists. As Shri K. T. Telang expressed, the philosophy of this status "My beau ideal of Municipal Government includes a strong executive responsible to the Corporation, and an enlightened Corporation watchful over its Executive." This is ensured by constituting relatively independent authorities within the overall legal entity called Bombay Municipal Corporation. While the Municipal Government of the City vests in the Municipal Corporation of Greater Bombay, the entire executive power of the Corporation for the purpose of carrying out the provisions of Bombay Municipal Corporation Act vests in the Municipal Commissioner, Except whenever by the provisions of this Act, the sanction of the Corporation or its Statutory Committees, is expressly provided. The Councillors are elected on the basis of adult franchise from constituencies which normally have about 29,000 voters, and they are expected to deliberate in the meetings of the Corporation/its Committees or all its Sub-Committees either statutorily constituted or constituted by the Corporation for Specific purpose and express the demands and grievances of the people whom they represent and control the Municipal Administration by casting their votes on the proposal submitted by the Municipal Commissioner as the head of the Municipal Administration. The Municipal Commissioner is appointed by the State Government for a period not exceeding three years but this appointment also is renewable by the State Government for a further period not exceeding three years. He can be recalled by the State Government at any time after consultation with the Corporation. He can be removed by the State Government from office if at a meeting of the corporation not less than 5/8 of the whole number of Councillors vote in favour of such a proposition. He is a member of the Corporation and one of the seven Municipal Authorities charged with carrying out the provisions of B. M. C. Act, each of the authorities having its own independent existence, sphere of jurisdiction and powers; at the same time these authorities are interdependent and support one another in a large measure for smooth governance or civic affairs.

The Municipal authorities are :

- (a) a Municipal Corporation,
- (b) a Standing Committee,
- (c) an Improvements Committee,
- (d) a Bombay Electric Supply and Transport Committee
- (e) an Education Committee,
- (f) a Municipal Commissioner
- (g) a General Manager of Bombay Electric Supply and Transport Undertaking.

The Municipal Administration has Municipal Officers and servants such as Special Engineers, City Engineers, Hydraulic Engineer, Executive Health Officer, Education Officer, Municipal Secretary, Municipal Chief Auditor and others. These officers are not given the status of Municipal authority and they are the servants of Municipal Corporation.

The Municipal Commissioner is a member of Municipal Corporation and has all the rights of a Councillors, except the right to vote. He has, in addition, certain other special powers in making statements, in addressing the Corporation or calling special meetings at a short notice, under special circumstances.

The Mayor is the presiding functionary of the Corporation and is not vested with any executive or statutory authority. He is elected every year from amongst the Councillors by the Councillors. His authority extends to calling the meetings of the Corporation and conducting the proceedings of the Corporation in an orderly fashion in conformity with the Law. He is accorded respect due to a presiding functionary of the august body of the Municipal Corporation and for protocol, social purposes is exalted and described as the "First Citizen of the City." The Mayor and the Chairman of various committees are helped by an organisation independent of the control of the Municipal Commissioner and headed by a Municipal Secretary who renders all the ministerial assistance, advice based on the precedents and keep the record of the proceedings for future references.

The Municipal Chief Auditor, like the Municipal Secretary is also an independent officer of the Municipal Corporation for the purpose of conducting the audit of the Municipal Finances.

Apart from the four statutory Committees mentioned above, the Corporation has constituted five Special Committees viz.

1. Works Committee (City),
2. Works Committee (Suburbs),
3. Public Health Committee,
4. Markets and Gardens Committee,
5. Law, Revenue & General Purposes Committee. which deal with the subjects covered by the designations of these Committees. In addition, a Consultative Committees called Grant-in-Aid Committee has been also constituted for submitting proposals to the Corporation for awarding of grants to certain organisations.

An informal forum for deliberations is constituted in the form of "Group Leaders' Meeting" which is a device for the Leaders of different political groups to discuss informally various proposals before they are crystallised in the form of propositions which can be put before the Corporation or its statutory authorities for formal sanction. This system was evolved soon after Independence, when the Municipal Corporation Elections came to be organised on the basis of political affiliations and by political parties. By established convention, the political group or party which commands the largest number of councillors, is called a majority party and the Leader of this group is called the Leader of the House. On the other hand, the largest group in the opposite party have their own Leader, who may or may not necessarily have a support of other opposition group and is given the honour of Leader of the Opposition. However, unlike in the state Government where the party or the group, which commands the majority of votes, is in charge of executive Administration, in the Municipal Corporation, the executive administration headed by the Municipal Commissioner, is independent of all the majority at any particular time during the elected period of Councillors.

The Govt. of India, Ministry of Urban Development Deptt., has formulated a scheme titled as "Nehru Rozgar Yojana" (N. R. Y.). The scheme is being financed by Govt. of India and Govt. of Maharashtra. The Government of Maharashtra in 1990 has requested to implement the scheme in the City of Bombay to the Municipal Corporation of Greater Bombay and also deposited an amount of Rs. Fifty Lakhs with the Corporation for implementing the scheme. The Govt. of India has also deposited Rs. Fifty Lakhs with the Municipal Corporation of Greater Bombay.

The scheme provided for self employment and employment to the persons whose household income does not exceed Rs. 11,850/- per annum.

Department of Personnel and Administrative Reforms (D. P. A. R.) (including Organisation and Methods Division of M. C.'s Office)

The Department of Personnel and Administrative Reforms comprises of the Personnel Department, The Labour Department, Establishment Proposal Sections, a Revision of Grades Cell and Organisation and Methods Division under the control of Dy. Chief Accountant (Establishment) and a Backward Class Cell, a Marathi Section, an Examination Section and an Organisation and Methods Section in Municipal Commissioner's office dealing with Personnel Matters.

The main functions expected to be carried and provide a policy frame work and make rules and procedures in all personnel matters; (ii) to ensure that the policies and procedures are implemented uniformly at various decentralised levels; (iii) to motivate the employees with a view to increasing productivity and making the administration more and more responsive to public demand; (iv) to strive to make continuous appraisal of the existing procedures and methods.

The process of streamlining the existing system had already begun with - (1) standardisation of qualifications for various posts of similar nomenclature and methods and recruitment, (2) formation of committee at appropriate levels to consider the matters regarding promotions, continuation in Municipal Service beyond 55 years, redressal of grievances of employees at various levels, establishing panels for recruitment and selection of staff, change in the date of birth, proposals for P. T. cases, etc., (3) revision of Recruitment Rules as required under various provisions of the Constitution and maintenance of reservations for backward classes, sportsmen, handicapped persons and ex-servicemen, in employment, (4) a regular programme of meeting at fixed intervals with (i) officers dealing with personnel matters in all departments for implementation of personnel policies, and (ii) representatives of the recognised unions to settle disputes of a general nature.

The office of the Organisation and Methods Officer has been carrying out "daftar inspection" in the departments and in the Ward Offices, In addition, the records of the department regarding confirmation of employees, Suspension of employees, Settlement of P. F./Pension Claims in respect of the retired employees or those expired while in service, P. T. cases etc. are checked and the reports of the Daftar Inspection are sent to the Head of the Department for compliance.

Review Committee for deciding the cases of suspension

The Review Committee under the Chairmanship of the A. M. C. in-charge of personnel matters has been constituted to decide the cases of employees placed under suspension. The cases where the suspension of employees is required to be extended beyond a period of six months due to certain reasons, are required to be placed before the Review Committee for decision. During the year 1992-93, 16 such cases were reviewed by the Committee.

MARATHI SECTION :

6. A Marathi Section has been established as per directives of the State Govt. and the Corporation in order to ensure that Marathi is used to the maximum extent in day-to-day administrative work. Translation work of the drafts, notes, qualifications, technical terms, forms, etc. are carried out regularly and the books useful in translation work in official language viz.

etc. are prepared by collecting the information from various departments of B. M. C.

7. A scheme for providing training in Marathi typing and stenography as well as to give incentive prizes to English Typists and English Stenographers has been implemented on the lines of State Govt. Scheme with the sanction of the Corporation. Steps are being taken to implement a scheme to hold an examination in Marathi language for non-Marathi employees. A scheme for training to Municipal employees in noting and drafting is implemented and training classes for the same are started. Similarly, a scheme for providing compulsory training of Marathi Stenography and Marathi Typing to English Typist, English Stenographers, Clerk-cum-English Typist on the lines of State Govt. is under execution.

ESTABLISHMENT AUDIT WING UNDER D. P. A. R.

Two Dy. Chief Accountants (Establishment-I and II) are working under D. M. C. (P) in the Department of Personnel and Administrative Reforms. The Organisation and Methods Division is functioning under Dy. Chief Accountant (Estt-I) whereas Revision or Grades Cell is under Dy. Chief Accountant (Estt-II).

ORGANISATION & METHODS DIVISION

The main function of this Division is to scrutinise proposals regarding creation/continuation of additional posts, filling in the vacant posts, grant of Charge Allowance, Overtime Allowance and proposals for attaching Allowances to the posts, fixing up norms in this respect by undertaking time and method study from time to time.

Achievements :

(i) The proposals involving creation of additional temporary posts to the extent of 4609 (including about 2668 seasonal posts) were scrutinised.

(ii) A scrutiny was undertaken by the O. & M. O. staff at 4 major Octroi Check Nakas to fix up target times for clearing of vehicles at Export Chowky by the Octroi staff by observing the working of the Export Chowkies, the inflow of vehicles vis-a-vis the number of staff working at each of these Check Nakas during night shift (i. e. 1st shift). The report is being implemented by A. & C. at all these Check Nakas.

Revision of Grades Cell

(i) Pursuant to the Agreement on grant of Monthly Interim Relief pending overall settlement on wage revision, etc., three committees were appointed under the Chairmanship of three Dy. Municipal Commissioners. The issues relating to revision of pay-scales, Dearness Allowance, House Rent Allowance, Leave Travel Assistance, Monthly Medical Aid and other Allowances were negotiated with the Unions and Memorandum of Settlement was reached on 11-8-1992 with the Unions. The total additional liability for revision of pay-scales and 5 major demands was to the tune of Rs. 53.90 crores and Rs. 5 crores were earmarked for other demands. Further negotiations on the details of the settlement were continued and final settlement was reached on 14-4-1993.

(ii) Information regarding different categories employed in different departments, their pay-scales, working hours, qualifications, duties, mode of recruitment, etc., has been collected from the departments and the same is being computerised so that it would be possible to have easy access to the voluminous data and to have quick analysis of the information.

(iii) Municipal employees are paid different types of Special Pays and Allowances for specific reasons. The demands made by various Unions in their last charter of demands for revision in those Special Pays and Allowances were examined, negotiated and finalised.

BACKWARD CLASS CELL

The Backward Class Cell is headed by Deputy Personnel Officer (Backward Class Cell) which is put under the control and supervision of Dy. Municipal Commissioner (Personnel) with a view to check whether the Govt. Policies with regards to reservation of vacancies for Backward Class Communities as per prescribed percentage in the matter of direct recruitment and also at the stage of promotions are being implemented effectively in all the Wards and Departments.

The Cell keeps a watch over proper implementation of various reservation rules through quarterly and six monthly returns called from all the offices. During the year of report, the quarterly return up to the quarter ending 31-12-1992 and six monthly report up to the period ending 30-6-1992 have been submitted to the Govt., and the Corporation respectively.

During the year under report (i) 1129 proposals involving the question of reservation were scrutinised by this Cell (ii) 216 complaints and grievances of B.C. employees regarding reservation in recruitment, promotions, seniority, other concessions etc., were attended by this Cell. (iii) Representatives of B. C. Cell have attended 364 meetings called by the Departments and served as a member of the Panel for recruitment and promotion to ensure the reservation of B. C. Communities.

This Cell has compiled the yearly report of backlog worked out on percentage basis in various cadres as on 31-12-1992 from all the departments and compiled. The position of backlog in recruitment in various cadres is given below:

APPENDIX-I.

Statements showing the total number of posts in the various cadres in the Corporation and the total number of S. C./S. T./D. T.-N.T. & O. B. C. employees appointed therein as on 31-12-1992 and their percentage of backlog.

Total No. of posts in the Corpn.	Category of B. C.s.	Total No. of reservation on percentage basis	Actual B. C. persons appointed	Percentage in total strength	Percentage of total backlog of B. Cs.
99,493	S. C.	12,934	29,007	29.15	+ 16.15
99,493	S. T.	6,964	2,789	2.8	-- 4.20
99,493	D. T. N. T.	3,979	2,255	2.7	-- 1.30
99,493	O. B. C.	9,949	12,236	12.30	+ 2.30

N. B. C. : As per directions of Govt. Sweeper Cadre is not complied above.

APPENDIX-II.

Statements showing the number of vacant posts as on 31-12-1992.

Category	Total Posts	Filled in Posts	Vacant Posts
Superior Staff	52,343	48,211	4,132
Labour Staff	56,175	53,346	2,829

N. B. : Excluding Badlee, Daily paid posts.

In addition to above usual work this Cell has also attended to the following work.

(1) S. C. Welfare Committee held on 4-8-1992 :

Scheduled Caste Welfare Committee of Legislative Assembly has called a meeting on 4-8-1992 to consider compliance of 15th Report of the Committee on the recommendations made in 1987-88 when A. M. C. (B) had attended the meeting.

During the discussion, Committee's member has raised the issue that whether the 50-100 point roster registers are maintained by the B. M. C., so far as reservation to B. C. is concerned and whether same are inspected by the G. A. D. Deptt., of Maharashtra State. It was decided that initially Corporation will verify the roster registers maintained by various departments and to inform the Govt., for their inspection.

(2) Roster Inspection :

Accordingly the staff of B. C. Cell of Corporation has verified 50/100 point roster registers maintained by twenty departments. However, in the meantime before completion of verification by B. C. Cell Asstt. Commissioner, Kokan Division, New Bombay had informed about their inspection programme and as per the programme roster registers and relevant record of 20 deptts., had been inspected by the Asstt. Commissioner and his staff during the period from 3-12-1992 to 5-12-1992, 14-12-1992 to 19-12-1992 and 7-1-1993 to 8-1-1993. Thereafter Asstt. Commissioner has submitted his report of inspection carried out *vide* letter No. BCC-1/Insp-250 of 6-2-1993.

(3) Backlog position as on 1989 :

Maharashtra Govt., vide their circular No. BCC/1089/C No. 229/16B of 12-7-1989 and vide circular No. BCC/1089/C No. 238/16B of 30-9-1989 has directed to launch a special drive to wipe out the backlog of B. C.'s calculated as on 30-6-1989 and 30-8-1989 in the posts filled in by recruitment and promotion respectively. In order to implement Govt.'s directives in the above circulars, backlog as on 30-6-1989 and 30-8-1989 in various posts filled in by recruitment and as well as by promotion respectively has been calculated and the position of the backlog in the Corporation is as under.

	S. C.	S. T.	D. T./N. T.	Total
Recruitment	1098	2366	1118	4582
Promotion	766	822	463	2051
	1864	3188	1581	6633

(4) Efforts made by Corporation - to wipe out Backlog of 1989 as a special drive :

In order to wipe out the backlog of 1989 calculated in respect of the posts filled in by recruitment it was decided to call the proposals of all the concerned depts., and to issue a consolidated advertisement in the local news papers exclusively for B. C.'s Accordingly first consolidated advertisement was given in April, 1991 for the 11 categories such as M. S. W., S. Eng., Jr. Eng., Tracer, Medical Asstt., Foreman, Teacher Pri. (Marathi), Jr. A. M. O., X-Ray Tech., and Pharmacist. The 2nd consolidated advertisement was given in February 1993 for 12 cadres exclusively for B. C.'s for the post of P. O. Jr. A. & A. A., Helper, Slaughterman II Grade, Nurses, Pharmacist, S. E. (Arch), Diatetian, Teacher (Pri) Marathi, F. O., A. M. O., M. S. W., Besides B. C. Candidates were called from Govt. Agencies by certain Depts., and B. C. candidates were selected equal to the backlog of 1989. The backlog wiped out by Special Drive up to 31-12-1992 is as under.

	S. C.	S. T.	D. T./N. T.	Total
Recruitment	619	475	517	1611
Promotion	228	62	67	357
	847	537	584	1968

The backlog of 1989 is considerably reduced and the position of the same as on 31-12-1992 is as under :-

	S. C.	S. T.	D. T./N. T.	Total
Recruitment	459	1875	593	2927
Promotion	452	684	370	1506
	911	2559	963	4433

The work of wiping out the above backlog is in process.

(5) Deemed Promotion :

In a Civil appeal (No. 2616 of 1983 was filed by the Corporation in Supreme Court against Smt. Kalpana Kamble, employee of E. O.'s Deptt.) regarding dispute in Promotion. The Supreme Court had issued judgement in August, 1988 that promotion to B. C. Employees of the Corporation should be given from 12-9-1975 considering the reservation.

In order to implement Supreme Court's orders this office had already issued a circular under No. MBC/8380 of 14-3-1989 giving guidelines to the H. D. S./W. O.s. regarding how to work out the deemed promotions of B. C. employees. However, in order to make the directives contained in the aforesaid circular more clear this Cell issued another circular No. MBC/1461 of 9-6-1992 giving full clarification covering all the points. It was felt very necessary to give the practical training on how to put up the deemed promotion proposal. This Cell has therefore arranged a Lecture on above subject on 31-7-1992 at Nair Dental Hospital when about 200 H. C./O. S./A. O.s participated when they have been explained in detail regarding deemed promotion and the format prescribed by this Cell were distributed.

During the period 1992-93, this Cell has scrutinised total 20 proposals of deemed promotions out of which 7 proposals of following deptts., were finally submitted to P. O./D. M. C. (P) for sanction.

1. C. I. S. E. -- 2 cases.

2. E. O. -- 5 cases

and the proposals of 13 deptts., such as S. O., W. O. P./N, W. O. R/N, W. O. K/E, C. M. W.O. 'L', Dean (L), W. O. (Mkt.), W. O. F/N, W. O. K/W, Dy. H. E. (OP), Dy. P. O. (Estt.) & W. O. F/S were scrutinised and were sent to the concerned deptts. back under certain observations.

(6) Reservation in Municipal Services to the Physically Handicapped :--

As per C. R. No. 1889 of 7-12-1992 a policy of keeping reservation to physically handicapped in Municipal Services was accepted by the Corporation and circular No. MRT/4443 of 22-5-1976 and MRT/2703 of 23-2-1977 were issued. This work was entrusted to B. C. Cell and hence in continuation of above circular, this Cell has issued Govt. circular No. SRV/1082/3772/CR, 89-16B of 10-11-1982 vide circular No. MBC/3117 of 7-10-1992 and all the H. D. s/W. O.s were directed to identify the categories on their Estt., in light of the list of cadres at Govt. in which the reservation can be kept and to maintain 100 point roster and work out the backlog as on 31-12-1991 and get the same verified from this Cell. The H. D./W.O.s were also directed to call the required P. H. Candidates from the appropriate Govt. agencies when there is backlog. The work of verification of backlog is in process.

(7) Policy regarding giving preference to the Swantanrya Sainik in the service of Corporation on the lines of State Govt. is decided and circular in this respect is being circulated to all H. D.s/W. O.s.

SPECIAL VIGILANCE SQUAD

Designation of Head of the Deptt.	Name of the Officer	Qualification	Period	Remarks
Vigilance Officer (Sp. Duty)	Shri I. C. Sisodia	B. A. (Spl.)	1-4-1992 to 31-3-1993	Through out the year

The Special Vigilance Squard is a small vigilance unit on M. C.'s Establishment, working under the direct supervision and control of the Municipal Commissioner.

Control Room at Municipal Head Office.

A Control Room under the supervision of Vigilance Officer (Special Duty) functions at Municipal Head Office round the clock as a communication system to keep M. C. and all other key officials informed for all the important events, emergencies, taking place in the city. Simultaneously, orders of emergency nature are communicated to various civic agencies without any loss of time.

During the year 1992-93, the Special Vigilance Squad conducted 145 investigations, carried out 85 surprise raids, 525 visits and checkings and disposal of about 2,730 matters of miscallaneous nature including important cases of confidential and secret nature.

The details of investigations are as under :--

Sr. No.	Nature of the Investigation	No. of Cases
1.	Cases of misapropriation and fraud etc. of Municipal Fund.	27
2.	Cases of evasion of revenue in collusion with civic employees.	20
3.	Cases of irregularities	40
4.	Case of unauthorised constructions/business/trades etc.	58
		145

Details of octroi raids are as under :--

1.	Number of raids	85
2.	Total value of materil involved	Rs. 16,46,65,434.00
3.	Total revenue recovered	Rs. 42,34,770.00
4.	No. of legal actions against parties	08
5.	No. of enquiries against staff	02

An additional squad comprising 5 persons from Octroi Deptt., working under Vigilance Office (S. D.) has carried out 253 octroi raids and recovered octroi duty worth Rs. 32,74,349/-

A Special Squad for removal of stray cattle and destruction of unwholesome food comprising 9 persons from Health Deptt. working under Vigilance Officer (S. D.) has carried out 59 raids and seized 1,244 stray cattle and recovered Rs. 5,49,986/-. The squad has destroyed unwholsome food and liquid worth Rs. 73,29,447/- in 183 raids.

STORES VIGILANCE CELL

In order to have control and check over the qualify and quantity of the store articles purchased by the various stores, departments, wards and hospitals of the M. C. G. B. a special technical Cell has been created on the Establishment of Municipal Commissioner's office since 1988. The said stores Vigilance Department is headed by Dy. City Engineer from Civil faculty which is assisted by five other Officers and they are working under the direct supervision of and control of Municipal Commissioner. The main function of Stores Vigilance is to keep vigilance on purchase, procedure of Tender/Quotation's, rates, quality and quantity of receipts and issue etc. of the various materials purchased by different stores, departments, wards, hospitals etc.

During the period from 1-4-1992 to 31-3-1993 the work done by the Stores Vigilance Department is given below :--

1. No. of Visits : During the period from 1-4-1992 to 31-3-1993, the staff of the said departments have carried out 229 visists at various stores, departments, wards, hospitals, maternity homes, printing press, garden department and education department etc.
2. Nos. of samples collected : Collected 59 samples of medicines/drugs, 9 samples of surgicals and 29 samples of technical and others. The said samples were tested in Govt. approved Laboratories/Institutions and action are proposed to be initiated against the defaulters.
3. Nos. of cases detected : The department has detected 17 cases by collecting secret information by employing various sources. The noteworthy among them are 3 cases.
4. No. of cases investigated : The department has investigated 17 cases, out of which 17 cases were sent to Chief Officer (Enq.) to conduct departmental enquiries against defaulting staff.
5. Guidelines and Circulars issued : During the above period, the deptt., has issued 2 guidelines/ circulars in order to have proof working of department in respect of purchase/issue and dispensing of the materials/scraps etc.
6. Recurring saving to M. C. G. B. : Rs. 5,40,000/-
7. No. of employees involved : ...
 - (i) Transferred : 3 defaulting employees have been transferred from crucial posting.
 - (ii) Withheld of increment : Nil.

VIGILANCE BRANCH OF ENGINEERING DEPARTMENT

The special technical cell of the Municipal Commissioner's Office/Establishment, works directly under Municipal Commissioner. This Cell is put in charge of technical head designated as Dy. City Engineer (Vigilance). A Cell pertaining to Mechanical/Electrical Engineering, Vigilance created is also placed under the control of Dy. C. E. (Vigilance). Similarly the Municipal Material Testing Laboratory which was connected to the Roads Department has also been brought under the Administrative Control of Dy. C. E. (Vigilance) since 1988.

Administrative Reports for these various Sub-Sections are as under :

(A) Civil Engineering Vigilance Cell :

(1) Main functions of this Cell :

(a) The most important and the prime function of this Cell is to keep an overall check and vigilance over all the technical matters, mainly pertaining to the Civil Engineering works being executed by the various contracting agencies working under the supervision of various departments. These works include road constructions, building constructions, bridge constructions, drainage construction, water supply and sewerage project works and various maintenance works executed by the ward offices etc;

(b) Municipal Commissioner forwards complaints received from the public, Municipal Councillors, M. L. A. etc. for investigations and report from technical angle which is done by scrutinising some of the Building Proposal files;

(c) Dy. City Engineer (Vigilance) also keeps watch on the material test results obtained at the Municipal Laboratory.

(d) This Cell checks at random final bills of the Civil works carried out under various agencies.

(2) Working of this Cell :

The irregularities, discrepancies, lapses, omissions etc, are looked into and the findings are submitted to M. C. suggesting corrective and disciplinary actions to be taken against the erring contractors and the supervisory staff. Surprise inspections are carried out periodically on the Civil Engineering works like Road Construction, Building Construction, Drainage Construction, W. S. S. D. Works, P. W. C. works in Wards etc. which are being executed through contracting agencies. The inspections are carried out with a view to verify whether the works are being carried out as per the design, specifications, terms of contract etc. It is also verified whether the material being used on the works conform to the specified standards etc. The cases of deviations/irregularities/lapses etc. are noted down and these observations are forwarded to the concerned department for taking remedial/corrective actions and proposing disciplinary action against the contractors and the supervisory staff. This Cell submits report to Municipal Commissioner proposing remedial/corrective actions and penalties, rebates, warnings, degradation of the contractors and the disciplinary actions against the supervisory staff, depending upon the seriousness of the lapses. The M. C. sometimes forwards the complaints received from the public, Municipal Councillors, M. L. A. etc. for technical investigation. This Cell investigates such cases and submits investigation report to M. C. with suggestions and replies to the complainant. Occasionally, M. C. forwards the reports submitted by the Department Heads, for the remarks of Dy. C. E. (Vigilance) such cases are also scrutinised and remarks are forwarded for M. C.'s approval.

The Building Proposal Files are audited at random to verify whether the files are disposed off/dealt with as per prevailing rules/regulations such as D. C. Rules, Building, Bye-Laws, B. M. C. Act, M. R. T. P. Act, B. M. R. D. Act, U. L. C. & R. Act. The report of lapses found during scrutiny is then submitted to the M. C. suggesting further course of action in the matter.

The construction material used on various construction works are sent for testing to the Municipal Testing Laboratory. The test result will indicate whether the material conform to the specified standard. This office pursues the cases of failure of the materials and often directs the concerned department to carry out further tests such as load test, hammer test, etc.,

The surprise element involved in the visits of the vigilance staff to various sites helps keeping the supervisory staff and contractors alert on the work to give better quality of work.

Performance of this Cell :

Major works done during the year 1992-93 are as under :

- | | |
|---|------------------|
| (1) No. of inspections carried out | |
| (i) Inspections of works | 1505 |
| (ii) Miscellaneous Inspection | 90 |
| (2) No. of final bills checked | 70 |
| (3) No. of cases received from the M. C./Addl. M. C.'s/D. M. C./Dir (E. S. & P.) | 23 |
| (4) Amount of recoveries from contractors by way of rebates, penalties, sub-standard work detection of excess payments etc. | Rs. 11,87,045.00 |
| (5) No. of cases wherein departmental Enquiries are initiated. | 2 |

(B) Mechanical/Electrical Engineering Vigilance Cell**(1) Main functions of the Cell**

(a) The main functions of the Electrical and Mechanical Vigilance Cell is to keep overall check on the technical matters pertaining to Electrical and Mechanical Engineering works which are carried out by the various Electrical and Mechanical Departments in City, Eastern and Western Suburbs and outside the Brihanmumbai Mahanagarपालिका limits. The works mainly include the operation and maintenance of electrical and mechanical installation, maintenance of Municipal vehicles, installation of new machineries by project department, repair and maintenance of various articles in S. W. M. Department, Hospitals, Wards, etc.

(b) Inspection of the complaints received from M. C., Addl. M. C., M. O. M. L. A. etc., and report thereof to Commissioner.

(c) This Cell also check at random work order book, specification, sheets, final bills etc., for the electrical and mechanical works carried out by various departments.

(d) This Cell is also takes initiative to settle the long pending cases such as rate schedule and offers suggestions in case of technical matters.

Performance of this Cell :

Major works carried out during the year 1992-93 are as under :

- | | |
|--|--------------|
| (1) No. of inspections carried out | 402 Nos. |
| (2) No. of final bills checked | 193 Nos. |
| (3) Amount of recoveries from contractors by way of rebates, penalties, sub-standard work etc. | Rs. 2,400.00 |
| (4) No. of cases received from M. C. Addl. M. C./D. M. C./Dir (E. S. & P.) | NIL |
| (5) No. of cases wherein departmental enquiries are initiated. | NIL |

(c) Material Testing Laboratory, Worli.

(i) Material Testing Laboratory, is under the control of Vigilance Department with effect from September, 1988. The Laboratory is situated at Asphalt Plant Premises at Worli. It has 2 wings looked after by Assistant Engineer (Soil Mech.) one wing is known as "Concrete Testing Laboratory" and the other as "Road Material Testing Laboratory." The details of various tests carried out by the laboratory are enclosed in the accompanying tables. The extension of Laboratory building which was under construction is completed and put in use.

ADMINISTRATIVE REPORT FOR THE YEAR 1992-93**I.--ROAD MATERIAL TESTING LABORATORY**

Particular	No. of samples	No. of Tests	Revenue Municipal (Rs.)	Private (Rs.)	Free (Rs.)	Total (Rs.)
Asphalt Mixes	6699	18318	6,69,500	58,000	...	7,27,500
Mastic Asphalt	979	2937	1,44,350	1,400	...	1,46,150
Bitumen	109	208	10,200	500	200	10,900
Antistripping	3	3	30	60	...	90
Lime Powder	9	9	480	...	60	540
Mix Design	8	8	...	8,000	...	8,000
	7807	21,483	8,24,960	67,960	260	8,93,180

BUILDING MATERIAL TESTING LABORATORY

Sr. No.	Particulars	No. of samples	Department Revenue (a)	Private Revenue (b)	Govt. Revenue (c)	Free Testing (d)	Total work done (a+b+c+d)
1	Concrete cubes	1455	1,74,470	21,900	...	...	1,96,370
2	Cement sample	745	1,50,570	4,610	...	13,360	1,69,040
3	Concrete Beams	1004	1,50,100	...	...	...	1,50,100
4	Steel	288	35,900	2,200	...	...	38,100
5	Bricks	284	35,150	1,560	...	130	36,840
6	Soil	433	67,690 5,300	11,900	...	...	84,980
7	Aggregates & Sand	174	73,630	3,910	...	...	77,540
			6,92,810	46,170	...	13,990	7,52,970

EXECUTIVE AND ADMINISTRATIVE OFFICER IN MUNICIPAL COMMISSIONER'S OFFICE

as on 31-3-1993

Sr. No.	Designation	Name of the Officer	Qualification	Period		Remarks
				From	To	
1.	2.	3.	4.	5.		6.
1.	Municipal Commissioner	Shri S. G. Kale, I. A. S.	Master Degree in Mathematics and Statistics.	1-4-1992	31-3-1993	...
2.	Addl. Municipal Commissioner	Shri S. K. Sagane, I.S.S.	M. A.	1-4-1992	7-9-1992	On leave from 27-8-92 to 7-9-92 and while under going treatment died in the night of 7-9-1992.
		Shri B. M. Ambhaikar I. A. S.	L. L. M. in Jurisprudence constitutional Law.	30-9-1992	31-3-1993	Appointed as Addl. M. C. for Greater Bombay from 30-9-92 in place of shri S. K. Sagane.
3.	Additional Municipal Commissioner	Shri B. B. Sharma, I.A.S.	B. Sc.	1-4-1992	21-3-1993	Repatriated to Govt. of Maharashtra from 22-3-93.
		Shri K. S. Baroi, I.A.S.	B. Sc.	22-3-1993	31-3-1993	Appointed as Addl. M. C. for Greater Bombay from 22-3-93 in place of Shri B. B. Sharma.
4.	Additional Municipal Commissioner	Shri Sandeep Bagchee I.A.S.	B. Sc.	1-4-1992	31-3-1993	As per Govt. Resolution No TRN-1191/CR-22/92/X dated 28-8-92 deputed for training under Colombo Plan for M. Sc. in Financial studies at University of Strathclyde for the period of 1 year from 28-9-1992 to 30-9-93 Left for U. K. on 22-9-92.
		Smt. Sudha Bhawe I. A. S.	M. A.	14-9-1992	31-3-1993	Appointed as Addl. M. C. for Greater Bombay from 14-9-92 in place of Shri Sandeep Bagchee.
5.	Additional Municipal Commissioner	Shri Anupam Dasgupta I. A. S.	M. Sc.	4-1-1993	31-3-1993	...
6.	Director (Engineering Services & Projects)	Shri P. M. Kale	B. E. (Civil) A.M.I.E.	1-4-1993	31-3-1993	...
7.	Deputy Municipal Commissioner (Personnel)	Shri V. W. Joshi	M.Com., L.G.S.	1-4-1992	31-3-1993	...
8.	Deputy Municipal Commissioner (Improvements)	Shri D. C. Desai	B.Sc. (Agriculture) Distn., L.L.B.	1-4-1992	31-3-1993	...
9.	Deputy Municipal Commissioner (Special Engineering)	Shri M. K. Gokhale	D.C.E., A.M.I.E. M.E. (Civil)	1-4-1992	31-8-1992	Retired from Municipal Service with effect from 1-9-1992.
		Shri C. D. Kotnis	B.E. (Mech)	9-3-1993	31-3-1993	Appointed as D.M.C. (S. E.) in place of Shri M. K. Gokhale with effect from 9-3-1993.
10.	Dy. Municipal Commissioner (Engineering)	Shri R. G. Deshpande	B.E. (Civil) M. E. (P. H.) A.M.I.E. M.I.W.W.A.	1-4-1992	31-3-1992	Retired from Municipal service with effect from 1-4-93.
11.	Deputy Municipal Commissioner (Zone-I).	Shri V. L. Patankar	B. E. (Mech)	1-4-1992	31-3-1993	
12.	Deputy Municipal Commissioner (Zone-II).	Shri A. B. Maduskar	M. Com. (Bombay)	1-4-1992	31-3-1993	
13.	Deputy Municipal Commissioner (Zone-III).	Shri V. Balchandran	B. Sc.	1-4-1992	31-3-1993	
14.	Deputy Municipal Commissioner (Zone-IV).	Shri S. R. Dange	B. A.	1-4-1992	31-3-1993	

1.	2.	3.	4.	5.	6.	
15.	Deputy Municipal Commissioner (Zone -V).	Shri G. R. Khaimar	B. Com.	1-4-1992	13-9-1992	Appointed as Dy. Municipal Commissioner (General) from 14-9-1992.
		Shri V. S. Jadhav	D. C. E. A. M. I. E.	14-9-1992	31-3-1993	Appointed as D. M. C. (Z-V) from 14-9-1992.
16.	Deputy Municipal Commissioner (General).	Shri G. R. Khaimar	B. Com.	14-9-1992	31-3-1993	Appointed as Dy. Municipal Commissioner (General) from 14-9-1992.
17.	Ch. Engineer (M. & E.)	Shri S. Shankarappa	B. E. (Mechanical)	1-4-1992	28-2-1993	Retired from Municipal service with effect from 1-3-1992.
18.	Dy. City Engineer (Vigilance)	Shri S. B. Dalvi	B. E. (Civil)	1-4-1992	31-3-1993	...
19.	Dy. City Engineer (Stores Vigilance)	Shri S. B. Paleja	B. E. (Civil)	1-4-1992	30-4-1992	Retired from Municipal service with effect from 1-5-1992.
		Shri S. I. Dhanani	B. E. (Civil)	1-6-1992	31-3-1993	Appointed as Dy. C. E. (Store Vig.) with effect from 1-6-1992.
20.	Ex. Engineer (Mechanical & Electrical)	Shri V. N. Rajas	B. E. (Elect.) D. B. M.	1-4-1992	31-3-1993	
21.	Ex. Engineer (Mech. Electrical (Eastern & Western Suburbs)	Shri A. S. Mahajan	B. E. (Civil)	1-1-1993	31-3-1993	Appointed as Ex. Eng. (M&E) with effect from 1-1-93.
22.	Ex. Engineer (Mech. Electrical) (City area)	Shri S. V. Vadhavkar	B. E. (Civil)	1-1-1993	31-3-1993	Appointed as Ex. Eng. (M&E) with effect from 1-1-93.
23.	Personnel Officer	Shri V. S. Nadkarni	B. A. (Hons.) LL. B., Diploma in Personnel Management.	1-4-1992	31-3-1993	
24.	(Ward Officer) P. S. to the Municipal Commissioner	Shri A. Y. Kulkarni	B. E. (Civil) LL. B.	1-4-1992	7-2-1993	Transferred to W. O. 'D' Ward from 8-2-1993
25.	Ward Officer	Shri S. A. Mehta	B. E. (Civil)	1-4-1992	31-3-1993	
26.	Ward Officer (Dharavi)	Shri S. T. Todsam	B. Com.	1-4-1992	24-7-1992	Transferred to W. O. (R. E.) with effect from 25-7-92.

Administration Report for the Year 1992-93

Sr. No.	Designation	Name of Officer	Qualification	Period		Remarks, if any
				From	To	
1.	Dy. Chief Accountant (Establishment – I)	Shri C. P. Ayare	B.A., B. Com., L.L.B.	1-4-1992	31-3-1993	
2.	Dy. Chief Accountant (Establishment – II)	Shri S. B. Khedekar	B.A., B.Com., L.G.S.	1-4-1992	31-3-1993	

Sr. No.	Designation	Name of Officer	Qualification	Leave Period		Remarks, if any
				From	To	
				1-4-92	31-3-93	
1	2	3	4	5		6
1.	Dy. City Engineer (Vigilance)	Shri Shrikant B. Dalvi	B. E. (Civil)	25-5-92 to 6-6-92 13 days E. L. with L. T. A.		No substitute arrangement was made.

CHIEF ACCOUNTANT'S DEPARTMENT.

1. The main functions in the Chief Accountant's Department can be broadly classified as under :-

1. Financial Management Functions.
2. Internal Audit Functions.
3. Maintenance of Statutory Accounts.
4. Maintenance of Accounts of Special Funds.
5. Treasury Functions.

2. Details of officers of H. Ds. of Account Department.

Sr. No.	Designation	Name of the Officer	Qualification	Period	Remarks
1	Chief Accountant	Shri S. M. Chandekar	B. Com.	1-4-1992 to 31-3-1993	1. E.L. for 7 days from 21-5-92 to 27-5-92 2. E.L. for 8 days from 24-10-92 to 31-10-92. During these periods, Shri S. G. Kulkarni, Jt. C. A. looked after the work of C.A. in addition to his own duties.
2	Jt. Chief Accountant	Shri S. G. Kulkarni	B. Com. LLB.	1-4-1992 to 31-3-1993	1. E.L. for 20 days from 8-6-92 to 27-6-92. 2. E.L. for 11 days from 8-7-92 to 18-7-92. 3. H.P.L. for 41 days from 18-1-93 to 27-2-93. During these period Shri S. M. Chandekar C.A. looked after the work of Jt. C. A. in addition to his own duties.

3. The Chief Accountant is the Principal Municipal Finance Officer and the Jt. Chief Accountant is the Principal Treasury Officer responsible for maintenance of Accountants.

4. In addition to the normal functions of this department, the following noteworthy schemes have been carried out during the year 1992-93.

(i) **Creation of Development Fund :**

Government of the Maharashtra has amended M.R.T.P. Act, empowering Corporation to levy the development charge for new construction, which is effective from 10-8-92 as well as a separate fund called Development Fund is created.

(ii) **Open Market Borrowing :**

Financial source available to meet the Capital Works expenditure of Budgets 'A', 'B', 'E' & 'G' are Loan allowed to be raised by the Government through Open Market Borrowing and internal Funds. As the O. M. B. quota allotted by the Govt., is too inadequate the matter was therefore taken up with Central Finance Ministry and ultimately Government of Maharashtra have permitted the Municipal Corporation of Greater Mumbai to raise additional open market loan of Rs. 25 crore before 31st March, 1993, and necessary steps were taken.

To have maximum return on investment of Surplus moneys, average amount of Rs. 30.63 crore and Rs. 283.41 crore were invested in Fixed Deposit and Certificate of Deposit respectively during the year 1992-93 and we earned interest of Rs. 48.90 crore i.e., average rate of earning at 15.30% as against 14.24% during the year 1991-92.

(iii) **Introduction of Personal Copmputer :**

Two personal computers are purchased and installed during the year for the Budget work in respect of Budget 'E' after Development of software system. Budget work of 'E' Budget for 1994-95 will be done on P.C. on regular basis.

Similarly it is proposed to take Budget work of all divisions as well as the work of liability noting, tabulation on computer at Hospital A/c. Unit and Zonal Offices.

Sig./-
Chief Accountant.

Sr. No.	Designation	Name of the Officer & Qualification.	Period From To	REMARKS
1.	Municipal Chief Auditor	Shri A. M. Patankar, B. Com.	1-4-1992 to 31-3-1993	During Half Pay Leave for 19 days, the Charge Allowance was given to Shri S. B. Agnihotri, Jt. M. C. A. from 7-7-92 to 25-7-92 vide SCR/641 of 19-8-92.
1A.	City Engineer	Shri A. N. Kale, B.E. (Civil)	1-4-1992 to 31-3-1993	Nil
2.	Chief Engineer (Roads & Storm Water Drains)	Shri A. D. Mandlik B.E. (Civil)	1-4-1992 to 31-8-1992	Retired from 1-9-1992.
		Shri S. N. Patankar, B. E. (Civil)	1-9-1992 to 31-3-1993	—
3.	Chief Engineer (Solid Waste Management)	Shri C. D. Kotnis, B. E. (Civil)	1-4-1992 to 31-3-1993	—
3A.	Chief Engineer (Mechanical & Electrical).	Shri J. V. Mali, (B.E. (Elect.))	1-4-1992 to 31-3-1993	—
4.	Chief Engineer (Development Plan)	Shri B. S. Upasham, B. E. (Civil)	1-4-1992 to 31-3-1993	—
4A.	Chief Engineer (Cement Concrete Rds. & Traffic)	Shri S. G. Kashikar, B.E. (Civil)	1-4-1992 to 31-3-1993	—
5.	Chief Accountant	Shri S. M. Chandekar, B. Com.	1-4-1992 to 31-3-1993	—
6.	Jt. Ch. Accountant	Shri S. G. Kulkarni	1-4-1992 to 17-1-1993 28-2-1993 to 31-3-1993	H.P.L. for 41 days from 18-1-93 to 27-2-1993. Shri S. M. Chandekar, C.A. looked after the work.
7.	Hydraulic Engineer	Shri S. G. Nerurkar, B.E. (Civil)	1-4-1992 to 31-3-1993	—
8.	Ex. Health Officer	Dr. (Smt.) V. P. Desai, M.D., D.P.H.	1-4-1992 to 31-3-1993	Throughout the year.
9.	Dean, K.E.M. Hosp. & GSM College.	(Dr. Mrs.) P. M. Pai, MD (Paed), D. Ch.	1-4-1992 to 31-3-1993	Throughout the year.
10.	Dean, BYL Nair Ch. Hosp. & TNM College.	Dr. (Smt.) K. D. Nihalani, M.D.	1-4-1992 to 31-3-1993	Throughout the year.
11.	Dean, LTMG Hosp. & LTM College.	Dr. (Smt.) S. S. Deshmukh, MS, FAMS, FRCS (Hon.), FICS, FACS.	1-4-1992 to 31-3-1993	Throughout the year.
12.	Dean, Nair Hosp. & Deantal College.	Dr. D. R. Shahani, M.D.S. M.R.S.H. (Eng.), F.I.C.D.	1-4-1992 to 31-3-1993	Throughout the year.
13.	Chief Fire Officer.	Shri D. J. Kulkarni (1) B.A. (2) M. I. Fire E (UK), (3) M.I. Fire E. (India), (4) Overseas Operational Command Course (Morton), (5) B.A. Instructors Course (Lank).	1-4-1992 to 31-3-1993	Throughout the year.
14.	Medical Supdt. (GTB Hospitals).	Dr. A. P. Rao, MD, TDD, FCCP (USA), MIPHA (Cal.)	1-4-1992 to 31-7-1992	Superannuated from Municipal Service with effect from 1-8-1992.
		Dr. (Smt.) V. G. Advani, M.D., T.D.D.	1-8-1992 to 31-3-1993	Dy. Med. Supdt. of this hospitals has been promoted as Medical Supdt., with effect from 1-8-1992.
15.	Assessor & Collector	Shri P. B. Janwalkar, B. Com., LLB.	1-4-1992 to 31-3-1993	Throughout the year.
16.	Addl. Assessor & Collector.	Shri L. S. Kadam, B.A. (Spl.).	1-4-1992 to 31-3-1993	Throughout the year.

Sr. No.	Designation	Name of the Officer & Qualification.	Period		REMARKS
			From	To	
17.	Education Officer	Shri D. U. Dandwate, M. Sc. (Chem), M.Ed. 1st Class.	1-4-1992	31-3-1993	Throughout the year.
18.	Law Officer	Shri B. G. Nanal, B.A., LL.B.	1-4-1992	31-3-1992	Shri Nanal Superannuated from Municipal Service with effect from 1-1-1993.
	Law Officer I/c.	Smt. A.H. Chheda, B.A., LL.B.	1-4-1993	31-3-1993	Smt. Chheda has taken charge of the post of Law Officer with effect from 1-1-1993.
19.	Chief Engineer (Water Supply Projects).	Shri V. R. Khatkhate, M.E. (Structure)	1-4-1992 to 30-11-1992 1-3-1993 to 31-3-1993		During his leave period from 1-12-1992 to 27-2-1993, Shri P. P. Patil, Dy. Ch. Eng. (WSP) has looked after the work of Ch. Eng. (Wsp).
20.	Chief Engineer (Sewerage Project)	Shri V. R. Damle, B.E. (Civil), M.E. (P.H.), A.M.I.E.	1-4-1992	31-3-1993	Throughout the year.
21.	Chief Engineer (Common) Services	Shri G. G. Pathak, B.E. (Civil)	1-4-1992	2-6-1992	Shri Pathak, Ch. E. (C.S.) was on leave from 1-4-92 to 30-6-92. During this leave period, Shri B. D. Hukeri, Dy. Ch. Eng. (Pur.) has looked after the work of Ch. E. (C.S.) upto 2-6-92 & from 3-6-92, Shri B. D. Hukeri was appointed as Ch. Eng. (C.S.).
		Shri B. D. Hukeri, B.E. (Civil).	3-6-1992	31-3-1993.	Shri G. G. Pathak, Ch. Eng. voluntarily retired from Municipal Service on 30-6-92 after Officer Hours.
22.	Controller of Stores.	Shri S. N. Sangari, B.E. (Civil).	1-4-1992	31-5-1992	He retired from Municipal Services due to superannuation on 1-6-1992.
		Shri R. H. Gumani, B. E. (Civil).	1-6-1992	31-3-1993	
23.	Supdt. of Markets & Slaughter House				The post of S.M. & S.H. was kept in abeyance and the post of Sr. W.O. (Mkts.) was created.
24.	Sr. Ward Officer (Markets).	Shri H. L. Gangwani, B.E. (Civil), M.I. E. (India)	1-4-1992	30-6-1992	-- Nil -- Superannuated from 1-7-92
		Shri U. T. Daware, B.A., L.G.S.	20-7-1992	31-3-1993	Appointed as W.O. (Mkts.) from 20-7-92
25.	General Manager, Deonar Abattoir.	Dr. A. A. Padaikar, B.V. Sc.	3-5-1992	31-3-1993	Dr. A. A. Padaikar, G.M.D.A. was on E.L. from 1-4-92 to 2-5-92. Dr. D. N. Gore, Production Manager was asked to look after the work of G.M.D.A., in addition to his own work on payment of Charge Allowance.
26.	Chief Officer (Enclosures)	Shri M. N. Bhagat, B.A. Special	1-4-1992	31-3-1993	Throughout the year.
27.	Security Officer	Shri P. G. Vespethak, B.A. (Spl.), L.G.S.	1-4-1992	31-3-1993	He had not proceeded on leave during the year i.e., 1-4-92 to 31-3-1993.
28.	Ward Officer (Estates)	Shri S. B. Muthalla, B.E. (Civil)	1-4-1992	31-3-1993	Long leave not enjoyed during the said period.
29.	Labour Officer	Shri N. G. Kame, M.A. (S.W.), L.G.S.	1-4-1992	31-3-1993	Throughout the year.
30.	Public Relations Officer & Editor Civic Journal.	Shri D. B. Shivjatak, B.A.	1-4-1992	31-3-1993	He was on leave from 30-3-92 to 11-4-1992.
31.	Supdt. of Licences	Shri P. M. Mainkar, B.A.	1-4-1992	13-10-1992	On leave from 14-10-1992 to 15-12-92. Suspended from Municipal Service from 16-12-1992

Sr. No.	Designation	Name of the Officer & Qualification.	Period		REMARKS
			From	To	
31	(Cont.)	Shri G. G. Manjrekar, B.A.	14-10-1992	31-3-1993	Looked after the work as Superintendent of Licences (Incharge) during the leave and Suspension period of Shri P. M. Mankar, S. L.
32.	Supdt. of Gardens Incharge.	Shri K. L. Velodi, B. Sc. (Botany)	1-4-1992	31-3-1993	Appointed as Supdt. of Garden I/c from 19-5-89 onwards on payment of charge allowance.
33.	Manager, Municipal Printing Press	Shri M. M. Kamat, B. A. Diploma in Printing Technology Diploma in Business Management.	1-4-1992	31-3-1993	Throughout the year.
34.	Asstt. Medical Officer (ENT Hospital).	Dr. (Smt.) V. S. Bhalerao, M.B.B.S.	1-4-1992	31-3-1993	Throughout the year.
35.	Curator, Dr. B. D. Lad Museum I/c.	Shri Vivek K. Sonawane, D.T.C. Diploma In Applied Art.	1-4-1992	31-3-1993	Throughout the year.
36.	Manager, M.G.M.O. Swimming Pool	Shri Prakash Shridhar Mondkar, B.A. (Spl.) Smt. Nutan Shashikant Bhivandkar, S.S.C.	1-4-1992	21-2-1993 22-2-1993 to 31-3-1993	Transferred to G.A.Vs. Pool Chembur. Appointed from 22-2-1993.
37.	Manager, Raje Baldevdas Birla Kreedra Kendra.	Shri M. N. Gajane, S.S.C. Shri V. S. Pednekar, B.A., L.S.G.D.	1-4-1992	31-1-1993 31-3-1993	Transferred to Dinanath Mangeshkar Natyagriha from 1-2-93 as a Manager. Appointed as Manager at Birla Kreedra Kendra from 1-2-1993.
38.	Chief Engineer (Civic Training Institute & Research Centre).	Shri D. J. Vyas, B.E. (Civil), M.E. (Civil) Environmental Engineer). Shri S. G. Joshi, M.I.E. (Civil).	1-4-1992	30-11-1992 1-12-1992 to 31-3-1993	Retired from Municipal Service from 30-11-92 A.O.H. due to superannuation. Appointed as Ch. E. (CTIRC) from 1-12-1992.
SUBURBS AND EXTENDED SUBURBS					
1.	Dy. Assessor & Collector (E.S.).	Shri G. G. Jadhav, B.A. (Spl.) L.L.M. L.S.G.D.	1-4-1992	31-3-1993	Throughout the year.
2.	Dy. Assessor & Collector (W.S.).	Shri P. M. Kajrolkar, B.A.	1-4-1992	31-3-1993	Throughout the year.
3.	Dy. Supdt. of Markets (W.S.) III	Shri U. H. Chandanshive, S.S.C. (S.I.).	1-4-1992	31-3-1993	
4.	Dy. Supdt. of Markets (W.S.) IV.	Shri S. G. Yadav, S.S.C. (S.I.) Shri K. V. Kondajl, S.S.C. (S.I.).	1-4-1992	30-9-1992 1-2-1993 to 31-3-1993 1-10-1992 to 31-1-1993	Transferred from 1-10-1992 to Dy. Supdt. of Markets E.S. (V) upto 31-1-1993. Transferred from 1-2-1993 to Dy. S.M. E.S. (V).
4.	Dy. Supdt. of Markets (E.S.) V	Shri K. V. Kondajl. Shri S. G. Yadav.	1-4-1992	30-9-1992 1-2-1993 to 31-3-1993 1-10-1992 to 31-1-1993.	Transferred to Dy. S. M. (W.S.) IV from 1-10-1992 to 31-1-1993.

CENTRAL CONTROL ROOM
(Year 1992-93)

The complaints Section dealt with the complaints received in the Central Control Room by referring them to the departments concerned and following them up systematically to ensure prompt redressal of the grievances. It remained open all the days of the year including Sunday and Holiday.

The total number of complaints registered and followed up during the year under report was 1358 as detailed in the accompanying statement as against 2311 in the preceeding year.

The Section worked in close Co-operation with the Fire Brigade and Water Supply Control Room and ensured that in cases of house collapses and such other emergencies, the Municipal Officers and staff reached the site in time, to mitigate the hardships of the victims. Co-operation among various agencies including maharashtra Housing & Area Development Board was also brought about on such occasions.

Information on civic matters was furnished to the members of public on request.

**STATEMENT SHOWING THE TOTAL NUMBER OF COMPLAINTS
REGISTERED AND FOLLOWED UP DURING THE YEAR 1992-93**

Wards	Drainage	Building	Water Works	Road	Refuse	P.C.O. (Rat & Mosquito)	Licence	Stray dogs.	Fire	Miscellaneous (Carces, Monkey, etc.)	Flooding	Grand Total
Total	172	368	47	29	75	11	39	18	180	408	11	= 1358
23												

Sig./-

COMPLAINTS OFFICER
(CENTRAL CONTROL ROOM)

Sig./-

WARD OFFICER, 'B' WARD.

Public Relations Department.
Administrative Report for the year 1992-93

Shri D. B. Shivjatak was Public Relations Officer and Editor, Brihan Mumbai Managarpalika Patrika during 1-4-1992 to 31-3-1993.

Efforts were made to give wide publicity to the various activities of the Municipal Corporation through the conventional and mass publicity media such as newspapers, All India Radio, Doordardhan, informative films, exhibitions and Civic Journal etc. The dissemination of information about the civic activities and the services rendered by different Municipal Departments through Civic Journal had been a major activity of this department. The information-counter of this department continued to give necessary guidance and information to the public.

Press Notes, Handouts etc : During the year under reference 605 press notes, and 13 handouts giving information about various civic services and declarations of the Civic projects etc. were issued to the press, Radio and T. V.

Press Room : During the year 1992-93, Municipal Commissioner's, Addl. Municipal Commissioners' and Dy. Municipal Commissioners' about 25 meets for briefing the press on important issues were arranged. Four press visits to the Municipal institutions and installation were also arranged to give information related to civic services and programmes etc.

Production of Publicity Literature : The Civic Diary, 1993 consisting of useful civic information with ten coloured photographs was brought out in addition to a list of Municipal Councillors and Officers as a regular publication. The department also extended co-operation to the Municipal secretary in bringing out multi-coloured Municipal Year Book, 1992-93. Other publicity literatures such as folders and posters on Various subjects such as common House Gullies, civic measures against stray dogs, Save Water and Conservancy. were brought out.

Film Shows : The department organises film shows to educate the masses especially slum dwellers in the suburbs & as a part of it, 228 film shows/slides & video shows on health, education, civic sense etc., were organised during 1992-93.

Photography : The photography Section of the department continued to cover all the major civic events, Civic Reception to Honourable President of India and functions.

Protocol, Liaison and Exhibitions : Receiving the guests of the Corporation and arranging for their hospitality has been a major functions of this department. During the year under reference, over 78 guests including Mayors, Commissioners and other top officials of the various Municipal Corporations in India, and other dignitaries were received by this department and they were extended hospitality by way of arrangements of their staying and sight-seeing etc. Most of the visitors were taken at various Municipal projects. Discussions with the Heads of the departments concerned were also arranged for the benefit of the visitors.

This department organised a health exhibition at Mount Mary Fair at Bandra and at various Ward Offices and at other places in Co-operation with the help of social, educational and charitable institutions.

Publicity : The department assisted the Municipal Secretary in organising the annual "Clean Mumbai" Green Mumbai Competitions, Cleansing Composing, so also the open tournaments in Kho-Kho, Wrestling etc., for the Mayor's shield. Efforts were also made to give wide publicity to the declarations and announcements made by the Mayor and Chairmen of the respective Committee. Due publicity was given to the functions and meetings organised in the Mayor's Chambers and at Mayor's Bunglow from time to time.

This year, the road concretisation work was given due coverage in the press and on T. V., This department had arranged press visits to show the progress in the concretisation work and cleansing of major and minor nallas in the city.

The department also participated in the observance of the World Health Day, National Cleanliness Day, World Leprosy Day, Social Education's Week, Family planning Campaign, Grow More Trees Campaign, Anti-Fire Campaign, Flag Day and also other health drives exhibitions organised by various Social Welfare Organisations.

Various articles on civic activities, important Municipal Circulars and some of the items of the minutes of the Municipal Commissioner's meetings with Additional Municipal Commissioners, Dy. Municipal Commissioners, Heads of the Departments and Ward Officers were published in the monthly issues of the Patrika for giving information to the readers about the multifarious activities undertaken by the Corporation for their welfare. The general elections of the Municipal Corporation, Annual Budget of Municipal Corporation, Celebration of Shiv-Jayanti, Presentation of Nurses' Awards, inauguration functions of important civic projects, Balkotsava of school children etc., the special articles and write-ups obtained from various Heads of the Departments on the activities of civic services were also included in the issues of the year under report.

ADVERTISEMENTS :

490 Nos. of Municipal Advertisements, Notices and Notifications were given in different newspapers as per the requirements of various departments during 1992-93.

Sig./-

Public Relations Officer.

Labour Department

Administration Report of the Labour Office for the year 1992-93.

High Lights :

1) Expenditure--	
i) Establishment	: 2226574.08
ii) Other than estt.	: 6360789.30
	(including scholarship, immediate cash Assistance, Medical Aid).
2) Recognised Unions	: 36
3) Joint Councils	: 1
4) Welfare Centres	: 52
5) Nurseries	: 10
6) Grievances Attended.	: 35855
7) Average daily attendance of Welfare Centres	: 12550

Trade Unions :

The Trade Union activities amount Labour and other staff member were mostly confined to 36 unions/Associations recognised by the Municipal Commissioner and covers about 89168 employees.

Grievance Procedure :

The periodical meetings of Grievances Committees at Unit level, Zonal level and Apez level were arranged to settle the Labour problems as well as individual grievances of the employees of different department and Wards.

Individual Grievances :

35855 individual grievances received from the individual employees or represented by the employee's unions or received through the Wards/Deptts., in this departments are attended by this office.

These grievances are of various nature and can be broadly classified as under :--

- (1) Recruitment, retrenchment and reinstatement.
- (2) Promotions, transfers, confirmations and annual increments.
- (3) Fines, reversions, suspensions, removal, dismissal and other punishments.
- (4) Non-crediting the difference of days between bank holidays and holidays to which the employees are entitled to the E. L. account of the concerned employees.
- (5) Non-payment of cash allowance in lieu of various articles.
- (6) Non-supply of uniform articles.
- (7) Delay in payment of wages (wages of leave, O.T., L.T.A. etc.) and allowances.
- (8) Delay in settlement of provident Fund, Pension Claims and other retirement benefits.
- (9) Non-supply of equipments.
- (10) Delay in sanctioning leave due.
- (11) House Rent, accomodation and transfer of quarters.
- (12) Preferential Treatment in employment.
- (13) Payment of reimbursement of Medical Assistance.
- (14) Working hours.
- (15) Qualifications.
- (16) Attaching allowance to certain posts etc.

Individual/Industrial Disputes :

During the year under report, 14 disputes were referred to Conciliation Office/Asstt., Commissioner of Labour (Appendix B) and 3 disputes were referred to Industrial/Labour Court (details are given in Appendix 'A').

Strikes :

During the year under report, 9 strikes took place at various Wards & Departments, and the absence of strike was treated as A.W.L., without break in service and proportionate wages have been deducted from the salary of the employees concerned in case of 6 strikes, L. W. P., in case of 1 strike and leave due in case of 2 strikes.

Scholarship to the children of Municipal employees :

For the year 1992-93 scholarships have been granted to the children of Municipal employees as under :--

	Expenditure	
Secondary School--	11,84,167.00	(Approx.)
College	25,44,393.00	(Approx.)
Total Expenditure	37,28,560.00	(Approx.)

Immediate Cash Assistance :

As per C. R. No. 746, dated the 29th November 1989 an amount of Rs. 1000/- is paid towards immediate cash assistance to the immediate direct dependents of the Municipal employees who die while in service.

There was a provision of Rs. 12,00,000/- in the budget estimate for the year 1992-93.

The expenditure of Rs. 7,85,500/- (city) + Rs. 93,000/- (E.S.) + Rs. 91,500/- (W.S.) totalling to Rs. 10,70,000/- (Approx) was incurred during the year under report.

Medical Assistance Scheme for Municipal employees :--

291 Municipal employees have been given financial assistance amounting to Rs. 787490.90 from Labour Welfare Fund under the scheme for granting medical aid to the Municipal employees.

Inter Ward/Departmental Drama Competition :--

25 Wards/Deptts., took part in the Inter Ward/Deptt., Drama Competition held from 2-3-1993 to 23-4-1993 at Birla Kreedha Kendra.

First three dramas were awarded with rotating trophies Besides these trophies, 9 individual prizes are awarded to the Best Actor, Best Actress, the best Director, the best setting the best Lighting & best Music in the form of Silver Medals. A cash prize has been awarded to the writer from amongst the Municipal employees. Besides cash prize of Rs. 51/- was also awarded as consolation prize.

Recruitment of Telephone Operator & Sub-Clerk :--

The work of recruitment, promotion and confirmation of Telephone Operators is done by this department.

During the year under report--

(1) 15 Telephone Operators 'B' Grade were appointed

(2) 3 Telephone Operators 'B' Grade are promoted to the post of Telephone Operator 'A', Grade.

The posts of Record Assistants/Registration Assistants etc., Sub-Clerical posts are also filled in by this office through Preferential Treatment candidates and under LO/38 circular. The total number of such candidates appointed by this office during year 1992-93 are Part Time Reg. Asstt.--37 Full time Reg. Asstt.--32.

Recruitment of candidates as "Preferential Treatment".

755 cases of dependents of Municipal employees who either died while in service or declared unfit by the M.M.E./L.M.M.E. for further service on medical grounds have been considered under Preferential Treatment for employment in the year under report. Beside, 203 candidates have been appointed in IVth categories as well as in the Sub-Clerical posts, as per the policy decision in this behalf.

Job Evaluation :

The National Productivity Council's draft reports in respect of Labour/Artisan, Clerical, Paramedical/Nursing and Teaching categories were delivered to M.M.U., Shikshak Sabha and both factions of Mahasangh in August 1992, requesting them to submit their comments by first week of September 1992. Reminders were also sent to unions on 20th October 1992 requesting them to submit their comments on N. P. C.'s draft reports on or before 7th November 1992. The Shikshak Sabha submitted their comments on 4th January 1993 pointing out that they do not agree with certain suggestions of N. P. C., in respect of Dy. Head Teachers, Head Teachers, Special Teachers, Instructors, etc., categories in Teaching draft report. The M.M.U. submitted their comments on 15-2-1993 rejecting the N. P. C.'s draft reports in respect of Labour/Artisan, Clerical and Paramedical/Nursing categories in toto on the grounds mentioned in their letter and demanded to refer the entire matter to arbitration. Sarvashri Prakash Devdas and S. H. Pande both of Mahasangh have not submitted their comments upto 31-3-1993.

During the period from April 1992 to March 1993 meetings of various committees were held as detailed below :--

Sr. No.	Name of the Committee	Number of meetings
1.	Apex Panel	3
2.	Steering Committee	Nil

During the period from February 1992 to October 1992, 194 interviews for executive categories were conducted, out of which 24 executives have not yet submitted their Job Analysis forms duly filled in. Reminders to these executives have already been sent. In the meanwhile, N. P. C. submitted their draft report for executive category on 16-2-1993 except the 24 executives as mentioned above. During the period from March 1993 to July 1993, 680 Supervisory incumbents were interviewed and N. P. C., is expected to submit their draft report for Supervisory category by the end of September 1993.

As per the legal opinion given by the Law Officer, the Apex Panel is authorised to resolve disputes by discussion. If such disputes are not settled by discussion it will have to be referred to N. P. C., or its consultant who will hear all the arguments and give their opinion. If the disputes are still not resolved such disputes will have to be listed and referred to arbitration for its final decision at the end of the exercise*. The end of exercise means and stage as per the agreement up to the submission of final reports in respect of categories referred to N. P. C., viz., Labour/Artisan, Clerical, Paramedical/Nursing, Teaching, executive and Supervisory categories. The Municipal Corporation has incurred an amount of Rs. 1,17,97,000/- upto 31st March 1993 towards N. P. C.'s consultancy fees, establishment cost of B. M. C. Personnel and cost of infrastructure facilities. The Municipal Corporation will have to incur an additional cost of Rs. 18,16,000/- for the period from 1st April 1993 to 30th September 1993 towards N. P. C.'s consultancy establishment cost of B. M. C. Personnel and infrastructure facilities. Thus the total cost of the project will be Rs. 1,36,11,000/- approximately. The total revised consultancy cost of N.P.C., will be Rs. 55.26 lakhs. However, if the project is not completed by the end of September 1993 the consultancy cost including establishment and infrastructure facilities cost will increase.

WELFARE BRANCH

52 Welfare Centres are run by this department and on an average attendance of the adult Male/female participants and children at different Welfare Centres is about 12550. The activities conducted regularly at the different Welfare Centre are as under ;--

- For Women/Girls : Sewing, embroidery, knitting, cooking, handicraft, indoor games, music, dance drama.
- For Boys/Adults : Indoor and outdoor games, Gymnasium, Dramatics competition, dances, debating competition.

In addition to the above, Inter Centre Tournaments/Competitions and other activities are also conducted.

INTER CENTRE TOURNAMENTS & COMPETITIONS :--

Volley Ball, Carrom Kabaddi, Tabel Tennis, Rangoli, Folk Dance, One Act Play, Elocution and Fancy Dress Competitions were held during the year under report.

Defferent functions :--

- (A) Ganpati festival was celebrated at 23 Welfare Centres when cultural items were presented during the festival and prizes were distributed to the participants for taking part and showing their talents in the programme,
- (B) Haldi Kumkum function was organised at 51 Welfare Centres.
- (C) Buddha Jayanti was celebrated at 16 Welfare Centres.
- (D) Republic Day and Independence Day were celebrated at all Welfare Centres.

Balwadies :--

10 Balwadies are conducted at the follwing Welfare Centres.

- 1) Bapty Road Welfare Centre
- 2) Palton Road Welfare Centre
- 3) Colaba Welfare Centre.
- 4) Dadar Welfare Centre (Gujrathi)
- 5) Dadar Welfare Centre (Marathi)
- 6) Chembur Welfare Centre
- 7) Fire Brigade Welfare Centre
- 8) Cochin Street Welfare Centre
- 9) Worli Asphalt Welfare Centre.
- 10) Vaitarna Welfare Centre.

Nearly 500 children of Municipal employees have taken advantage of the Balwadies.

75% Welfare Centres are run in the conservancy chawls and the benefit of the activities conducted thereat is taken by backward classes.

Excursion for Nursing Staff :--

Excursion to Agra, Jaipur & Delhi was organised during the period from 15th April 1993 to 24th April 1993.

Provision of Television sets :-

50 Welfare Centres are provided with the television sets for the benefit of participants at Welfare Centres under the Contributory Community T.V. Scheme through the Director of Rural Broadcasting, Govt. of Maharashtra. Out of these 50 welfare Centres, 17 centres are provided with coloured Television Sets by replacing black and white television sets..

Harmony Centres are run at 3 Welfare Centres by the Social organisation "Maitreyi" which has helped to settle family problems such as Dowry etc. The benefit is taken by municipal employees and their families, especially female members.

APPENDIX 'A'**COURT CASES PENDING BEFORE LABOUR & INDUSTRIAL COURT**

1.	Industrial Court Case NO.21 of 1986	Shri R.D.Desai, Ex-O.S. of A&C's deptt. approval application	Pending
2.	Industrial Court Case No. 639/88	Municipal Head Office Canteen matter Demand for reinstatement in Municipal service by the employees of contractor.	Pending
3.	Industrial Court case UCP No.844/1993.	Octroi strike Notice from M.M.U.	Mr. G.S.Baj, Judge of of Industril Court has closed the matter at his level and given order on the case.

APPENDIX 'B'

Sr. No.	Authority	Subject	Remarks
1.	Govt. Labour Officer	Application from Shri Anil Sawant, Inspector (Election Deptt.) for reinstatement in Municipal Service	The Govt. Labour Officer recorded the proceeding and case is closed at his level.
2.	Asstt. Commissioner of Labour	Application from Shri A. S. Bangera, Peon, M.C.A. Deptt. for reinstatement in Municipal Service.	The Asstt. Commissioner of Labour has closed the case at his level.
3.	Govt. Labour Officer	Application from Shri Deepak B. Chavan Labourer for reinstatement in Municipal Service.	The Govt. Labour Officer recorded the proceedings and case is closed at his level.
4.	Asstt. Commissioner of Labour	Application from Shri Pardeshi Sonar, Lab. Technician-demand for cancellation of punishment.	The Asstt. Commissioner of Labour has closed the case at his level.
5.	Govt. Labour Officer.	Application from Smt. Hiwade, Nurse, L.T.M.G. Hospital for reinstatement in Municipal Service.	The Govt. Labour Officer recorded the proceeding and case is closed at his level.
6.	Govt. Labour Officer.	Application from Smt. Malti Machi, Nurse, L. T. M. G. Hospital for reinstatement in Municipal Service.	The Govt. Labour Officer recorded the proceeding and case is closed at his level.
7.	Asstt. Commissioner of Labour	Strike Notice, dated 18-3-92 received from Union.	Pending
8.	Asstt. Commissioner of Labour	Application from Shri Sudesh Ambre Security Guard, 'C' Ward for reinstatement in Municipal Service.	the Asstt. Commissioner of Labour has closed the case at his level.
9.	Asstt. Commissioner of Labour	Application from Shri Bhosale, Fireman C.F.O. for withdrawal of punishment.	Pending
10.	Asstt. Commissioner of Labour	Application from Shri Jadhav, K-Ward for reinstatement in Municipal service.	The councillor officer has recorded the proceedings as failure and he has submitted report to the Govt. of Maharashtra.
11.	Asstt. Commissioner of Labour.	Application from Jr. Accountant of C.A. for personal pay.	Pending
12.	Govt. Labour Officer	Application received from Shri L. D. Virkar R.A., Cooper Hospital for payment of bills.	Pending
13.	Asstt., Commissioner of Labour	Application from Ejaj Ahmad (C.F.O.) for ungradation.	Pending
14.	Asstt. Commissioner of Labour	Application from Shri Keshav Kamble, (L.G.P.) for retrospective effect of employment.	Pending

Sig./-
Labour Officer,
D.P.A.R.

LEGAL DEPARTMENT

ADMINISTRATION REPORT OF 1992-93

Legal Department deal with all the litigations filed by or against the Corporation in various court and Tribunals. In addition to this, Legal Department gives opinion to various departments of the Corporation of the reference made to it. Legal Department also does the work of drafting conveyance and other Legal documents. It also deal with all other Legal matters pertaining to the Corporation.

The details are given below :-

Sr. No.	Previous Cases	Received during year	Total	Disposed during year	Balance
I. Supreme Court	2319	37	2356	31	2325
II. High Court (Appellate side)	2353	1109	3462	1034	2428
III. High Court (Original side)	887	213	1100	227	873
IV. City Civil Court :					
1. Suits against Corporation	12231	2963	15194	3178	12016
2. Suits filed by Corporation.	57	88	145	80	65
V Small Causes Court :	1617	347	1964	386	1578
High Court (Criminal) :	83	23	106	16	90
Session Court :	10	2	12	4	8
Metropolitan Magistrate's Court ;	633	136	769	82	687

Cess filed by the M.C.G.B., in the Metropolitan Magistrate's Court No. 39th and 41st and 42 and disposed during the year 1992-93 with recovery of fine and monthly average of the respectively. (all wards).

Previous Balance	Filed during the year	Total	Disposed during the year	Balance	Fine Amount Rs.
91123	39901	131024	24031	106993	138,62,457/-

Enquiries conducted by the Enquiry Officers under Section 105B of the B. M. C. Act.

MUNICIPAL ENQUIRY SECTION

1	2	3	4	5
Cases pending as on 1-4-1992	Cases received during the year (i.e. from 1-4-92 to 31-3-1993)	Total number of cases dealt with during the year.	Total number of cases disposed off during the year.	Total number of cases pending for the next year (i.e. pending as on 1-4-1993).
1372	6505	877	6415	1462

Search Section :

Documents completed during the year 10946

CENTRAL STORES DEPARTMENT

The Controller of stores acts as a Central agent on behalf of departments working under budget heads A, B, E. to procure Stores and distribute various required materials in order to minimise the lengthy procedures at various B. M. C. Departments for achieving cost effectiveness. In order to carry out this activity effectively, the materials have been classified into 146 schedules forming group of materials having common composition of raw materials. These 146 schedules contain 742 items of materials for which C. S. invites tenders.

These 146 annual schedules covering 742 items are divided in two categories :

(A) Store Stock Items :

49 store stock schedule with 174 items such as clothing, uniforms, chemicals, electricals, hardware, conservancy are purchased by inviting tenders. The materials under these schedules are procured from the supplier agencies fixed by placing indents, by receiving the supplies and then delivering the same to Consumer Departments on receipt of indents from the Departments.

(B) Direct Debit Items :

97 schedules with 568 items such as steel and wooden furniture, paints, fans, calculators, fire fighting hoses, R. C. C. spun pipes, fabrics for laundry etc., are Direct Debit Items wherein C. S. invites tenders for fixation of agencies. After the agencies are fixed by obtaining the sanction of Competent Authorities and compliance with necessary formalities, the rate circulars are issued to Consuming Departments for placement of orders and procurement of the required quantity directly from the supplier agencies.

In order to procure materials in the intervening period between end of previous contract and award of next contract or in case of urgent requirements of Consumer Departments, number of Market Rate purchases are done either through the existing/recommended contractors after obtaining their consent for replenishing the Stores Stocks.

In all 133 tenders and 43 quotations were invited and processed in the year under report of these 89 contracts were awarded for Store Stock Items amounting to Rs. 2,28,592/- and 141 contracts for Direct Debit Items amounting to Rs. 5,75,16,980/-.

In order to effect economy and optimising the cost as well to avoid parallel tendering of purchases the materials such as Steel, Dry Cells, Ropes of sorts, C. I. Pipes & Valves, R. C. N. P. 3 class pipes etc. are procured on Sales Mema from the Stores of Common Services (W.S.S.D.) and are made available to Consuming Departments under A, B, E Budgets.

In case of Cements, G. I. Pipes, G. I. Fittings, common tenders are invited by Engr. (C.S.) by including requirements of Controller of Stores, who supplies these materials to 'A' Budget Contractors. The requirements of cement is about 80,000 M.T. in a year at an aggregate cost of about Rs. 27 crores. This department arranges to supply this cement on receipt of indents from various B. M. C. Departments.

Besides Cement, there are other items like G. I. Pipes, Fittings, Electrods, Dry Cell etc., at probable cost of Rs. 60 Lakhs, are also procured from the agencies appointed by W.S.S.D. & distributed to the Departments.

Totally 8, 878 indents were received from various Municipal Departments for issue of various Stores articles out of which 4078 indents were admitted for issue of Stores. In all 5, 640 Sales Mema were received during the year for issue of Cement and casting articles to the Municipal works contractors appointed by the Engineering Department.

QUALITY CONTROL :

On receipt of materials in Stores, the same are tested for quality. The materials such as clothing, chemicals, Steel of various descriptions etc. are sent to respective laboratories to see if the same conforms to the specifications laid down in tenders. Some materials where so laboratory tested are prescribed as per tender provisions, the same are inspected visually by comparison with store/tender sample and by physical measurements. As regards Direct Debit Items of furniture the materials are inspected for quality in the factories before delivery. Market survey is also conducted when considered necessary to see the charges effected in description of materials, ready availability and the market rates.

During the year under report, the actual expenditure incurred on various activities was as under :-

(1) Establishments	...	Rs. 84,95,135/-
(2) Advertisements	...	Rs. 1,96,206/-
(3) Printing & Stationery	...	Rs. 70,910/-
(4) Miscellaneous viz., Clothing, Book and Dead Stocks, Electricity, Telephone Charges.	...	Rs. 3,35,485/-
(5) Maintenance & repairs.	...	Rs. 6,00,090/-

As regards accounts for the Stores purchases, the cost in initial stage is met from two budget heads and the liabilities booked thereunder are as follows:-

(1) Advances Reserve Store A/c purchase	--	Rs. 3,87,32,241.00
(2) Advance Capital Store A/c purchase	--	Rs. 26,46,41,179.00

On receipt of materials the bills are paid to suppliers and on distribution of the Stores, the bills are recovered from the Consuming Departments against which the advances are adjusted.

In order to do speedy job on above, Computerisation of Stores Accounts was introduced from the year 1988-89 in order to have centralised functioning of all items at the comparative, uniform, fair market rates and with minimised incidental costs. centralised stock account is maintained to have co-ordination and control in order to avoid overstocking, wastage of labour, duplication of work etc.

Sig./-

Controller of Stores.

Chief Officer (Enquiries) 1992-93

The department of Chief Officer (Enquiries) is a central Agency for investigation of complaints of lapses against Municipal employees and to conduct Departmental enquiries against delinquent employees.

The department is headed by the Chief Officer (Enquiries) who is assisted by 1 Addl. Chief Officer (Enq.), 4 Dy. Chief Officer (Enq.), 9 Chief Inspector (Enq.), 41 Inspector (Enquires) and other administrative staff.

The department carried out the following functions :--

1. a) Detection of mal-practices indulged in by Municipal employees of all categories including officers, such as acceptance of illegal gratification, defalcation, misappropriation, of municipal money or property, negligence and other misconduct.
 - b) Holding of departmental enquiries against the employees.
 - c) Giving advice and instructions in the matter of investigation and departmental enquiries to other departments whenever sought.
 - d) Verification of inventories prepared by ward staff shifting the slum dwellers from old places to new places.
2. During the year department conducted 542 investigations, paid 590 surprise visits to various municipal Institution and mustering places and disposed 6946 cases of miscellaneous nature.

The detail of investigation are as under :--

(a) Cases of alleged acceptance of illegal gratification and misappropriation of municipal money.	11
(b) Cases of irregularities of major nature.	179
(c) Cases of irregularities of minor nature.	352

The details of action taken are as under :--

1. Dismissal	1
2. Removal	3
3. Demotion	1
4. Withholding of increments	88
5. Fines imposed	13
6. Censure, caution & warnings	79
7. Suspension for 3 days.	...
8. Recovery on account of loss to the Corporation.	8
9. Exonerated of the charges not proved.	31

SALIENT FEATURES

1. Participated in the Octroi Raid to detect evasion of octroi duty and sizable octroi duty of Rs. 5,79,831/- was recovered from the evaders of octroi duty for the period from April 1992 to March 1993 in the entire Greater Mumbai Municipal Corporation wards vicinity.

2. Investigation in respect of misuse of 'N' form facilities were carried out as a result of which an octroi recovery of Rs. 8,56,070/- was effected.

Report of the Departmental Enquiries for the period from 1-4-1992 to 31-3-1993.

1. D. Es. outstanding as on 1-4-1992	--	223
2. D.Es. received during 1-4-1992 to 31-3-1993	--	231
3. D.Es. disposed of during 1-4-1992 to 31-3-1993	--	207
4. D.Es. outstanding as on 1-4-1993	--	247
5. Classification of outstanding D. Es.		
Within one year	Over one year	
19	51	

Sig../-

Chief Officer (Enquiries)

BOMBAY MUNICIPAL SECURITY FORCE ADMINISTRATION REPORT FOR THE YEAR 1992-93

The Security Department has been separately established in the year 1964. At present 4276 persons including executive, administrative and labour staff are working under establishment of Security Department. For the convenience of the administration, the department is decentralised in four Zones i.e., City, Eastern Suburbs, Western Suburbs & Central Zone. All the Zones are headed by Dy. Security Officers. A separate Security Force for guarding the installations of W. S. S. D. has been formulated under the Control of Hydraulic Engineer and this wing has also now been brought under the overall control of Security-Officer.

The main work of this department is the protection of the municipal property against thefts, pilferage etc., and also to attend special security arrangements for the bandobast of Corporation, Meetings at the Corporation Hall. The Officers have to attend special duties round the clock in case of emergencies like strikes, bundhs etc. The Security Force also participates each year in Flag Hoisting Ceremony on Republic Day, Independence Day and Maharashtra Day.

Since 1984 the departmental enquiries against the employees of Security Department are entrusted to Asstt., Security Officer and Dy. Security Officer of this deptt.

Thefts etc. cases reported	166
Value of Municipal Property stolen.	5,68,179.00
Cases detected	47
Value of property recovered	2,55,834.00

The number of theft cases reported, detected and the recovery of stolen property is tabulated below :-

	Total No. of cases	Property lost	Cases detected	Property recovered
Hospital	40	1,22,155.00	13	Rs. 75,855.00
Others	126	4,46,024.00	34	Rs. 79,979.00

In the year 1989 this department has started a fullfledged Training School at Bhandup Complex, where new recruits and regular guards & Officers are imparted full-fledged training on the lines of para military forces. A new scheme of recruitment on stipend basis has been introduced in the department. In addition to that a new Task Force has been constituted where 100 security guards are working for removal of encroachment and any other emergency duties.

This department has formed a musical Band of a platoon which gives performance in Municipal functions as well as public places for entertainment of public. This has attracted the public who are engaging our band for private functions and thus the department has collected a revenue of Rs. 18,200.00 during this year.

The Security Deptt., had arranged proper handobast during the celebrations of Centenary of the Corporation Hall on 16th January 1993.

The Pay & Park System has been re-introduced and started at several places during the year. The same is managed by the Security Department under guidance and directives from the DMC(Z-VI) since the Deptt. has been put under control of DMC(Z-VI) from October 1992.

The total income and expenditure of this department is as follows :-

(i) Income	--	Band	:	Rs. 18,200.00
(ii) Expenditure	--	Establishment	:	Rs. 14,99,32,549.00
(iii) Contingencies	--		:	Rs. 62,53,714.00

Security Officer,
Bombay Municipal Security Force.

MUNICIPAL PRINTING PRESS
(Year 1992-93)

Highlights :

1. Expenditure :-
 - (a) Establishment : Rs. 2,45,89,889.00
 - (b) Other Items : Rs. 1,52,16,790.00
2. Jobs :-
 - (a) Printing : 9361
 - (b) Stationery : 2154
3. Printed pages for Corporation and their various committee (Both Marathi and English) =14099
4. Amount Charges :-
 - (a) To departments : Rs. 3,31,70,438.00
 - (b) To private parties : Rs. 15,55,859.00

During the year, the press carried out 11515 printing jobs both departmental and private in addition to supply of stationery jobs at a total cost of Rs. 3,31,70,438.00. Department undertook 13 private printing jobs and earned Rs. 15,55,859.00. There was a surplus of Rs. against the last Year's working deficit of Rs. 28,19,369.00. In order to meet the requirements the department purchased 555 1/2 metric tons of various kinds of paper from the market and consumed total quantity of 516 metric which included old stocks.

The comparative statement of jobs carried out and consumed the year 1991-92 & 1992-93 is furnished as below :-

Statement -- I (Jobs carried out)

Sr. No.	Description	1991-92		1992-93	
		Jobs	Pages	Jobs	Pages
1.	Departmental (Ptg.)	9490		9348	
2.	Departmental (Stationery)	2256		2154	
3.	Private Parties (Ptg.)	8		3	
4.	Private Parties (Stationery)	--		--	
5.	B.E.S. & T. (Undertaking)	4		10	
6.	Corpn. & its Committees		10935 (E) 2656 (M)		11156 (E) 2096 (M)
7.	Corporation Record		944 (E) 757 (M)		255 (E) 592 (M)

('E') denotes English and 'M' denotes Marathi).

Statement -- II (Paper consumed)

Sr. No.	Description	1991-92 in M.T.	1992-93 in M.T.
1.	White	369 1/2	350
2.	Nepa	75	48 1/2
3.	Other kinds	128 1/4	117 1/2
		572 1/2	516

Certain jobs were carried out through outside agencies at a cost of Rs. 1,91,023.00 as against Rs. 2,25,564.00 in the previous year. In addition to regular work, the press carried out printing of :-

1. Marathi and English Budget and Establishment Schedule comprising of 6432 pages.
2. Budget 'G' both Marathi & English against heavy odds.

The press is working in two shifts with total strength of the 450 workers as on workers as on 31st March 1993, as against 420 workers as on 31st March 1992. 24 Apprentices under Apprenticeship Act 1961 were engaged in this year as against 24 on 31st March 1992. The Labour relations were cordial and their grievances were redressed on the spot wherever practicable.

Manager,
Municipal Printing Press.

ROTA PRINTING UNIT
Administration Report 1992-93

Important Features :

The Rota Printing Unit carry out the work of printing & supplying copies of M.C.'s & M. C. A.'s Administration Report in Marathi, Urgent Items & Accompaniments to the agendas of the Corporation & its various committees and all the printing work of Tree Authority, both in Marathi and English. It also undertakes the work of printing and supplying copies of Annual Examination Question Papers of Primary & Secondary Schools of the Corporation in 9 (nine) different languages viz., Marathi, Hindi, English, Kannada, Tamil, Telagu, Malyalam, Gujarathi & Urdu, and printing of other departmental jobs such as reports, different types of formats, circulars, handouts for the H. C. & Sr. A. & A.A.'s Exam, Question Papers. In the report year, Question Papers for Minimum Level of Learning (M.L.L. Project Officer, E.O.) & Budgets (Performance Budget Estimates 1993-94 and Budget Estimates) were also printed by this unit.

Expenditure	Amount Rs.		
a) Establishment	30,35,509.60		
b) Other Expenditure	16,74,257.87		
1. Printing of Administration Report of M.C. & M.C.A.'s dept. in Marathi.	1,77,589.77	216 350	Marathi Copies English Copies
2. Departmental jobs such as formats, circulars, reports etc.	11,59,460.40	963	Jobs
3. Urgent items, & accompaniments & agenda of the Corporation & its various committees.	7,07,317.38	1260	Jobs
4. Annual Exam. Question Papers of Primary & Secondary Schools of E.O.'s department.	25,50,605.43	59,94,360	
5. Exam. Question Paper of M.L.L. Project-E.O.	3,16,478.49	8,88,180	

In the report year, there were 53 employees on the establishment of Rota Printing Unit.

The various jobs-works received in the Rota Printing Unit are of urgent and time nature and the same are executed systematically and timely.

The printing work of Annual Exam. Question papers of E.O.'s department is of confidential nature and the same is executed very punctually and according to specific time schedule.

Sig./-
Superintendent,
Rota Printing Unit.

Sig./-
Manager,
Mun. Ptg: Press.

Sig./-
Dy. Mun. Commissioner (z-l),



Administrative Report for the year 1992-93
CHIEF ACCOUNTANT'S DEPARTMENT

1. The main functions in the Chief Accountant's Department can be broadly classified as under :-

1. Financial Management Functions.
2. Internal Audit Functions.
3. Maintenance of statutory Accounts.
4. Maintenance of Accounts of Special Funds.
5. Treasury Functions.

2. There are two statutory officers viz. the Chief Accountant and the Joint Chief Accountant. The following officers were holding the posts of C. A. & Jt. C.A. during the year 1992-93.

Sr. No.	Designation	Name of the officer.	Qualification	Period	Remarks
1	Chief Accountant	Shri S. M. Chandekar.	B. Com.	1-4-92 to 31-3-93	<ol style="list-style-type: none"> 1. E. L. for 7 days from 21-5-92 to 27-5-92. 2. E. L. for 8 days from 24-10-92 to 31-10-92. During these periods, Shri S. G. Kulkarni, Jt. C. A. looked after the work of C. A. in addition to his own duties.
2.	Jt. Chief Accountant.	Shri S. G. Kulkarni.	B. Com. LL.B.	1-4-92 to 31-3-93	<ol style="list-style-type: none"> 1. E. L. for 20 days from 8-6-92 to 27-6-92. 2. E. L. for 11 days from 8-7-92 to 18-7-92. 3. H. P. L. for 41 days from 18-1-93 to 27-2-93. During these period Shri S. M. Chandekar C. A. looked after the work of Jt. C. A. in addition to his own duties.

3. The Chief Accountant is the principal Municipal Finance officer to advise the Municipal Commissioner on Financial matters of the Corporation. The Jt. Chief Accountant is the Principal Treasury officer responsible for maintenance of Accounts in respect of Budget 'A', 'B', & 'E'.

4. The Chief Accountant's Department is situated at Head Office in the Old and New Building and there are two Zonal Offices at Bandra Chembur which are headed by Dy. Ch. Accountants. There is also a separate Accounting Wing at Municipal Head office for maintenance of Accounts of Budget 'E' under the control of Deputy Ch. Accountant (Education Fund). Besides, there are Ward Account Units in all the Wards in City and Suburbs, Deonar Abattoir and the Transport and Workshops including the Major Hospitals like K. E. M., Nair, Sion Hospital, Cooper Hospital and Rajawadi Hospital for expediting the financial matters and for the convenience of the Municipal employees as well as the Public.

5. In addition to the normal functions of this department, the following noteworthy schemes have been carried out during the year 1992-93.

(i) Creation of Development Fund.

Government of Maharashtra has amended M. R. T. P. Act empowering Corporation to levy the development charge for new construction. The said provision has come in to effect from 10-8-92. The amount so recovered is required to be credited to a separate Fund called as "Development Fund" to be utilised for developmental needs of the area. We have started recovering the said charge from 10-8-92. The sanction of the corporation to create a Development Fund for the purpose is being obtained.

(ii) Open Market Borrowing.

Financial sources available to meet the Capital Works expenditure of Budgets 'A', 'B', 'E' & 'G' are Loan allowed to be raised by the Government through Open Market Borrowing and internal Funds. The O. M. B. quota allotted by the Govt. is too inadequate to finance on Capital Works. The matter was therefore taken up with Union Finance Minister when he paid visit to the Corporation with a request to raise this limit at least to Rs. 50 crores. as a result, the Government of India accorded sanction to raise additional loan of Rs. 25 crore from open market for development works of the Bombay Municipal Corporation during the year 1992-93 only. Accordingly, Government of Maharashtra *vide* their Resolution No. OMB/1092/173/CR-7/92/UD-3, dated the 19th March 1993 have permitted the Municipal Corporation of Greater Bombay to raise additional open market loan of Rs. 25 crore before 31st March, 1993. Additional open market loan of Rs. 25 crore was raised on 27th March 1993 for financing Capital Works of Budget 'A' Division-II.

To have maximum return on investment of surplus moneys, average amount of Rs. 30.63 crore and Rs. 283.41 crore were invested in Fixed Deposit and Certificate of Deposit respectively during the year 1992-93 and we have earned interest of Rs. 48.90 crore *i.e.*, average rate of earning at 15.30% as against 14.24% during the year 1991-92.

(iii) Introduction of Personal Computer.

It was proposed to take the Budget work in respect of Budget 'E' on P.C. Two personal computers are purchased and installed during the year. M/s. Micro Associates Consultancy (India) Pvt. Ltd. have developed a software system for Budget work in respect of Budget 'E'. Necessary training is given to the staff of Budget Section. Budget work of 'E' Budget for 1994-95 will be done on P.C. on regular basis.

Similarly it is proposed to take Budget Work of Budget 'A' & 'B' on Personal Computer next year. The work of Liability noting and tabulation is proposed to be taken on Computer initially on experimental basis at 3 zonal offices and K. E. M. Hospital Account Unit during 1993-94.

Sig./-

Chief Accountant

Revenue & Election. Assessment & Collection Department

(Including Octroi Branch) 1992-93

High Lights :

I — Money spent on : —

	City	W.Sub.	E.Sub.	Octroi	Total
(i) Establishment.	501.99	297.60	117.28	811.45	1728.32
(ii) Other Expenditure.	66.35	39.81	21.86	60.81	188.83
(iii) Commission to collecting agencies.	—	—	—	149.55	149.55

II—Results achieved :—

Due to continuous collection drive the recovery of Municipal Property Taxes, together with Wheel Tax & Octroi was in excess to the tune of Rs. 66.60 crore as compared with last year.

The details thereof are as under :—

(Rs. in crore)

Municipal Property Taxes, Charges & Wheel Tax.			Octroi			
Collection made in 1991-92.	Collection made in 1992-93.	Excess	Collection made in 1991-92.	Collection made in 1992-93.	Excess	Total Excess.
280.67	298.12	17.45	494.85	544.00	49.15	66.60

There was a remarkable improvement in the total tax collection including Government taxes during the year under report in as much as the department brought Rs. 334.51 crores as against Rs. 312.96 crores during the previous year.

The total demand of Municipal Property Taxes, including Water Charges and Wheel Tax was Rs. 640.58 crores whereas the total outstanding which includes arrears of past & previous years was Rs. 343.35 crores. out of these arrears 45% are generally recovered during the subsequent year & balance remains locked up on account of various reasons whows in Appendix VII.

The rateable Value of railway properties upto 31-3-77 has been finalized & finalisation of rateable value for further period is under progress. The quantum of taxes to be paid is 42% of general tax payable at normal rates by an ordinary person.

The assessment of Bombay Port Trust properties for the quinquennium 1969-74 is in progress.

As regards the assessment of State & Central Government properties for the quinquennium 1979-84, Shri C. D. Vaidya, Valuer, who has been appointed to fix the Rateable Value of lands & buildings in charge of State & Central Government in Greater Bombay has taken up the matter in hand & same is in progress.

Building Repair Cess :

Repair Cess amounting to Rs. 19.46 crore was collected during the year 1992-93.

Maharashtra Tax on Buildings with Larger Residential premises (Re-enacted) Act 1979 :—

Under the aforesaid Act effective from 1-4-1974, the State Government has levied retrospectively a tax on Residential premises having floorage of more than 125.59 Mts. & the Rateable Value whereof being more than Rs. 1,500/- at the rate of 10% of the rateable Value per year the work of levy & recovery of this tax is entrusted to Assessment & Collection Department. Maharashtra Tax on Buildings (with Large Residential Premises) collected Rs. 1.18 crore during the year 1992-93.

Octroi :

The amount of octroi collection (including Miscellaneous Receipts) during the year 1992-93 was Rs. 544.00 crores as against Rs. 494.85 crore collected during the year 1991-92. This showed an increase of Rs. 49.15 crore in octroi collection in the year 1992-93 as compared with the octroi collection in the year 1991-92.

Figures of octroi collection, refund etc., for the years 1990-91, 1991-92 and 1992-93 are as under :-

(Figures in Rs. Crores)				
	Year 1990-91	Year 1991-92	Year 1992-93	Increase/ Decrease.
	1	2	3	4
Figures in crores.				
1) Gross Collection of Octroi	433.74 (Rs. 437.00 including miscellaneous Receipts).	490.09 (Rs. 494.85 including miscellaneous Receipts.)	538.69 (Rs. 544.00 including miscellaneous Receipts.)	+ 48.60 (+ Rs. 49.15 inclusion of Miscellaneous Receipts).
2) Less Refunds	15.85 (Rs. 19.44 incl. refund on export of goods and excess & wrong recovery.)	19.79 (Rs. 22.96 as incl. refund on export of goods and excess & wrong recovery.)	22.60 (Rs. 25.69 incl. refund on export of goods and excess & wrong recovery.)	+2.81 (+ 2.73 accounting refund on export of goods and excess & wrong recovery.)
3) Net Revenue.	421.15 (Rs. 417.56 refund on export of goods & excess & wrong recovery.)	470.30 (Rs. 471.89 incl. refund on export of goods and excess & wrong recovery.)	516.09 (Rs. 518.31 incl. refund on export of goods and excess & wrong recovery.)	+45.79 (+ 46.42 accounting refund on export of goods and excess and wrong recovery).
4) Fees for Stamping	0.00015	0.25 (Miscellaneous amount which includes stamping fees.)	5.31 (Miscellaneous amount which includes stamping fees.)	—
5) Fees in respect of Refund.	2.55	2.85	3.30	+0.45
6) Departmental collection.	344.92	421.37	458.25	+36.88

58,551 claims for refund of octroi on goods exported out of Bombay were received during the year 1992-93 as compared to 55,915 claims received in the year 1991-92.

Election Branch :

The ninth Municipal General Elections of this Corporation were held in February 1992. The poll in this connection was held in February 1992. The poll in this connection was held on 25-2-1992. There are 221 seats of Councillors including 66 seats (30% of total number of seats) reserved for women candidates (including 3 seats reserved for women belonging to Scheduled Castes) and 10 seats reserved for member of Scheduled Castes (including 30% of seats for women candidates for Scheduled Castes).

For attending to various Election Activities a fullfledged Election Department was in existence upto 31-3-92. Due to death of 5 Councillors, it was proposed to hold the bye-elections in January 1993 and the administration had prepared therefor. However, due to disturbed situation in the City, the bye-elections were postponed. Hence, a tiny cell of Election Branch is now in existence and is functioning at Municipal Head Office Building, Ground floor, Mahapalika Marg, Fort, Bombay - 400 001, under the control of Assessor & Collector.

Addl. Assessor & Collector.

APPENDIX — I

(1992—93)

Nature of Tax	Rates of Taxation Percentage of the Rateable Value		Remarks
1) General Tax (Including 1.50% Fire Tax.)		25.50	In the areas of City and Subs.
	R	NR	—, —
2) Water Tax	9	15	—, —
3) Water Benefit Tax	6	10	—, —
4) Sewrage Tax	5	8	—, —
5) Sewerage Benefit Tax	4	6	—, —
6) Education Cess		0.50	For Rateable Value between Rs. 1/- to Rs. 74/-.
		2.50	For Rateable Value between Rs. 75/- to Rs. 299/-.
		3.00	For Rateable Value Between Rs. 300/- to Rs. 4,999/-.
		5.00	For Rateable Value Between Rs. 5,000/- and above.
7) Tree Cess		0.50	In the areas of City and Sub.
8) State Education Cess	In respect of lands buildings used		in respect of intended to be
Slabs of Annual letting value	residential purpose to be used		used for non-residential purpose
i) On Rateable Value Rs. 1/- to Rs. 74/-		Nil.	Nil.
ii) Rs. 75/- or more but not more than Rs. 150/-		2.00	4.00
iii) More than Rs. 150/- but less than Rs. 300/-		3.00	6.00
iv) Rs. 300/- or more but less than Rs. 3,000/-		4.00	8.00
v) Rs. 3,000/- or more but less than Rs. 6,000/-		5.00	10.00
vi) Rs. 6,000/- or more		6.00	12.00
9) Water charges by Meter Measurement in :—the rates charged for supply of water by Meter Measurement range case of properties metered. between Rs. 300 and Rs. 150.00 per 10,000/- lit. according to the user of property.			
10) Sewerage charges in case of properties metered and sewered :—50% of the amount of water charges billed where properties are sewered.			
11) Employment Guarantee Cess :— At the 1/4th rate at which the State Education Cess is levied on non-residential portion of land or buildings.			

APPENDIX—II

Statement showing the position of properties during the year 1992-93.

Properties	City	Western Sub.	Eastern Sub.	Total
1) Rateable Value	161,67,96,613	202,01,38,323	73,33,80,178	437,03,15,114
2) Properties as on 31-3-1993	58,720	1,08,150	70,337	2,37,207
3) Properties Exempted from General Tax	3,754	1,222	545	5,521
4) Properties newly assessed	442	3,072	2,245	5,759
5) Properties Enlarged	846	1,372	738	2,956
6) Properties Demolished	146	209	125	480

APPEENDIX—III

Statement showing comparative position of Demand, Collection & Outstanding of Municipal Property Taxes.

(Including Water Charges, Sewerage Charges, Water Tax, Water Benefit Tax, Sewerage Tax, Sewerage Benefit Tax and Wheel Tax.)

(Rs. in Crores)

Nature of Tax	Year	Total Net Demand	Collection	Percentage of Collection to Net Demand.	Outstanding	Percentage of Outstanding to Net Demand
Property Tax						
City	1990-91	211.61	107.90	51.00%	103.71	49.00%
Western Subs.	—, —	170.37	87.05	51.09%	83.32	48.91%
Eastern Subs.	—, —	113.49	65.62	51.82%	47.87	42.18%
City	1991-92	227.46	113.19	49.76%	114.27	50.24%
Western Subs.	—, —	188.29	97.32	51.69%	90.97	48.31%
Eastern Subs.	—, —	123.23	66.06	53.61%	57.17	46.39%
City	1992-93	238.64	114.99	48.18%	123.65	51.82%
Western Subs.	—, —	206.74	108.03	52.25%	98.71	47.75%
Eastern Subs.	—, —	162.09	71.15	43.90%	90.94	56.10%
WHEEL TAX						
City	1990-91	14.92	1.85	12.40%	13.07	87.60%
Western Subs.	—, —	7.34	0.72	9.81%	6.62	90.19%
Eastern Subs.	—, —	5.20	0.44	8.46%	4.76	91.54%
City	1991-92	16.75	2.13	12.72%	14.62	87.28%
Western Subs.	—, —	8.27	0.74	8.95%	7.53	91.05%
Eastern Subs.	—, —	5.35	0.45	8.41%	4.90	91.59%
City	1992-93	18.07	1.92	10.62%	16.15	89.38%
Western Subs.	—, —	9.15	0.71	7.76%	8.44	92.24%
Eastern Subs.	—, —	5.89	0.43	7.30%	5.46	92.70%
Miscellaneous Receipts (1992-93)						
		City (Rs.)	(Western Subs (Rs.)	Eastern Subs.(Rs.)	Total (Rs.)	
1) Notice Fee		1,80,142.00	3,13,568	1,62,836.00	6,56,546.00	
2) Warrant Cost		22,825.00	22,105	5,810.00	50,740.00	
3) Penalty		11,20,280.74	23,78,588	16,06,073.63	51,04,942.37	

APPENDIX—IV

(1992-93)

1) Statement showing total Demand, Collection & Outstanding of Municipal Property Taxes during 1992-93

(Mun. Property Taxes including Water Tax, Water Benefit Tax, Sewerage Tax, Sewerage Benefit Tax but excluding Water Charges, Charges & Meter Rent).

(Rs. in lacs).

Period	Outstanding as on 1-4-92	Amt. of Bills issued during the year	Gross Demand	Amt. of Bills recalled during the year	Net Demand	Collection during the year	Outstanding as on 31-3-93	Percentage of Collection to Net Demand
Div. I : City								
Upto 1990-91	6,222.65	222.49	6,445.14	581.51	5,863.63	4,98.11	5,365.52	8.49%
1991-92	2,111.15	267.29	2,378.44	506.89	1,871.55	472.43	1,399.12	25.24%
1992-93	—	8,871.49	8,871.49	1,096.22	7,775.27	5,655.02	2,120.25	72.73%
Total:	8,333.80	9,361.27	1,76,95.07	2,184.62	15,510.45	6,625.56	8,884.89	42.72%
Div. II : W. Subs.								
Upto 1990-91	4,533.52	237.35	4,770.87	468.35	4,302.52	514.45	3,788.07	11.96%
1991-92	2,265.91	562.97	2,828.88	825.18	2,003.70	1,044.07	959.63	52.11%
1992-93	—	9,973.89	9,973.89	1,415.75	8,558.14	6,297.54	2,260.60	73.59%
Total:	6,799.43	10,774.21	17,573.64	2,709.28	24,864.36	7,856.06	7,008.30	52.85%
Div. III : E.Subs.								
Upto 1990-91	2,103.41	72.21	2,175.62	132.45	2,043.17	254.72	1,788.45	12.47%
1991-92	857.49	149.21	1,006.70	235.94	770.76	340.63	430.13	44.19%
1992-93	—	3,640.89	3,640.89	369.40	3,271.49	2,397.34	874.15	73.28%
Total:	2,960.90	3,862.31	6,823.21	737.79	6,085.42	2,992.69	3,092.73	49.18%
Grand Total:	18,094.13	23,997.79	42,091.92	5,631.69	36,460.23	17,474.31	18,985.92	47.93%

2) Water charges by Meter Measurement including Sewerage Charges & Meter Rent.

(Rs. in lacs)

Div. : I City								
Upto 1990-91	1,949.68	153.20	2,102.88	95.42	2,007.46	276.44	1,731.02	13.77%
1991-92	1,139.04	320.99	1,460.03	143.49	1,316.54	890.80	425.74	67.66%
1992-93	—	5,270.07	5,270.07	240.27	5,029.80	3,706.64	1,323.16	73.69%
Total:	3,088.72	5,744.26	8,832.98	479.18	8,353.80	4,873.88	3,479.92	58.34%
Div. II : (W. Subs.)								
Upto 1990-91	1,290.56	266.92	1,557.48	87.33	1,470.15	141.50	1,328.65	9.62%
1991-92	1,010.20	299.58	1,309.78	166.27	1,143.51	720.81	422.70	63.03%
1992-93	—	3,520.87	3,520.87	324.95	3,195.92	2,084.17	1,111.75	65.21%
Total:	2,300.76	4,087.37	6,388.13	578.55	5,809.58	2,946.48	2,863.10	50.72%
Div. III : (E. Subs.)								
Upto 1990-91	1,775.62	2,489.19	4,264.81	157.46	4,107.35	114.23	3,993.12	2.78%
1991-92	979.68	509.77	1,489.45	206.60	1,282.85	320.31	962.54	24.97%
1992-93	—	4,891.82	4,891.82	158.01	4,733.81	3,688.40	1,045.41	77.92%
Total:	2,755.30	7,890.78	10,646.08	522.07	10,124.01	4,122.94	6,001.07	40.72%
Grand Total:	8,144.78	21,722.41	25,867.19	1,578.80	24,287.39	11,943.30	12,344.09	49.17%

(1992-93)

3) SEWERAGE CHARGES

(Rs. in lacs)								
Period	Outstanding as on 1-4-92	Amt. of Bills issued during the year	Gross Demand	Amt. of Bills recalled during the year	Net Demand	Collection during the year	Outstanding as on 31-3-93	Percentage of Collection to Net Demand
Div. I : City								
Upto 1990-91	877.06	45.13	922.19	31.77	890.42	102.02	788.40	11.46%
1991-92	415.70	79.22	494.92	40.56	454.36	250.06	204.30	55.04%
1992-93	—	1,675.29	1,675.29	79.97	1,595.32	1,132.33	462.99	70.98%
Total:	1,292.76	1,799.64	3,092.40	152.30	2,940.10	1,484.41	1,455.69	50.49%
Div. II : W. Subs.								
Upto 1990-91	479.36	207.80	687.16	23.34	663.82	40.72	623.10	6.13%
1991-92	361.20	108.81	470.01	46.38	423.63	207.00	216.63	48.86%
1992-93	—	1,158.51	1,158.51	107.95	1,050.56	650.23	400.33	61.89%
Total:	840.56	1,475.12	2,315.68	177.67	2,138.01	897.95	1,240.06	42.00%
Div. III : E.Subs.								
Upto 1990-91	858.24	2,460.43	3,318.67	35.89	3,282.78	25.86	3,256.92	0.79%
1991-92	524.58	416.63	941.21	55.04	886.17	101.13	785.04	11.41%
1992-93	—	1,448.86	1,448.86	38.66	1,410.20	773.27	636.93	54.83%
Total:	1,382.82	4,325.92	5,708.74	129.59	5,579.15	900.26	4,678.89	16.14%
Grand Total:	3,516.14	7,600.68	11,116.82	459.56	10,657.26	3,282.62	7,374.64	30.80%

4) WHEEL TAX

(Rs. in lacs).

Div. I : City								
Upto 1990-91	1,239.69	9.55	1,249.24	18.50	1,230.74	47.80	1,182.94	3.88%
1991-92	221.37	6.13	227.50	4.83	222.67	29.04	193.63	13.04%
1992-93	—	356.56	356.56	2.98	353.58	114.88	238.70	32.49%
Total:	1,461.06	372.24	1,833.30	26.31	1,806.99	191.72	1,615.27	10.61%
Div. II : (W. Subs.)								
Upto 1990-91	632.10	4.10	636.20	3.23	632.97	25.34	607.63	4.00%
1991-92	121.35	4.95	126.30	0.79	125.51	12.74	112.77	10.15%
1992-93	—	157.28	157.28	0.38	156.90	33.33	123.57	21.24%
Total:	753.45	166.33	919.78	4.40	915.38	71.41	843.97	7.80%
Div. III : (E. Subs.)								
Upto 1990-91	414.98	4.12	419.10	5.46	413.64	15.44	398.20	3.73%
1991-92	74.77	3.08	77.85	1.20	76.65	7.78	68.87	10.15%
1992-93	—	99.12	99.12	0.72	98.40	19.72	76.68	20.04%
Total:	489.75	106.32	596.07	7.38	588.69	42.94	545.75	7.29%
Grand Total:	2,704.26	644.89	3,349.15	38.09	3,311.06	3,06.07	3,004.99	9.24%

6) WATERTAX

(1992-93)

(Rs. in lacs)

Period	Outstanding as on 1-4-92		Amt. of Bills issued during the year		Gross Demand		Amt. of Bills recalled during the year		Net Demand		Collection during the year		Outstanding as on 31-3-93		Percentage of Collection to Net Demand	
	R	NR	R	NR	R	NR	R	NR	N	NR	N	NR	N	NR	R	NR
	Div. I : City															
Upto 1990-91	242.26	323.33	5.91	19.84	248.17	343.17	15.58	142.49	232.59	200.79	18.79	43.67	213.80	157.01	8.08%	21.76%
1991-92	61.11	190.77	6.98	26.40	68.09	217.17	14.91	103.00	53.18	114.17	20.99	27.77	32.19	86.40	39.47%	24.32%
1992-93	—	—	248.69	574.74	248.69	547.74	34.48	124.68	212.21	423.08	141.28	287.04	70.95	136.04	68.57%	67.85%
Total :	303.37	514.10	259.58	593.98	562.95	1,108.08	64.97	370.15	497.98	737.93	181.04	358.48	316.94	379.45	38.35%	48.58%
Div. II : Western Sub.																
Upto 1990-91	122.37	3.94	0.87	—	123.24	3.94	0.16	—	123.08	3.94	1.68	0.02	121.40	3.92	1.36%	0.51%
1991-92	15.94	2.70	0.22	—	16.16	2.70	0.02	—	16.14	2.70	2.75	1.03	13.39	1.67	17.04%	38.15%
1992-93	—	—	28.94	3.28	28.94	3.28	3.05	0.11	25.89	3.17	11.13	1.20	14.76	1.97	42.99%	37.85%
Total :	138.31	6.64	30.03	3.28	168.34	9.92	3.23	0.11	165.11	9.81	15.58	2.25	149.55	7.56	9.42%	22.94%
Div. III : Eastern Sub.																
Upto 1990-91	30.98	2.95	0.05	—	31.03	2.95	0.05	—	30.98	2.95	0.75	0.02	30.23	2.93	2.42%	0.68%
1991-92	9.88	0.64	0.69	—	10.57	0.64	1.44	—	9.13	0.64	2.51	0.08	6.62	0.56	27.49%	12.50%
1992-93	—	—	23.47	1.29	23.47	1.29	0.98	0.01	22.51	1.28	11.64	0.47	10.87	0.81	51.71%	36.72%
Total :	40.86	3.59	24.21	1.29	65.07	4.88	2.45	0.01	62.62	4.87	14.90	0.57	47.72	4.30	23.79%	11.70%
GRAND TOTAL :	482.54	524.33	313.82	598.55	798.36	1,122.88	76.65	370.27	725.71	752.61	211.50	361.30	514.21	391.31	29.14%	48.01%

6) WATER BENEFIT TAX

(Rs. in lacs)

Div. I : City																
Upto 1990-91	288.26	810.84	4.83	30.28	293.09	840.92	7.03	63.95	286.06	776.97	20.83	53.13	265.23	723.84	7.28%	6.94%
1991-92	46.99	307.47	5.60	38.79	52.59	346.26	7.06	59.43	45.53	286.83	24.20	52.31	21.33	234.52	53.15%	18.24%
1992-93	—	—	374.78	1,139.90	374.78	1,139.90	24.99	144.54	349.79	995.36	293.91	684.01	55.98	311.35	84.02%	68.72%
Total :	335.25	1,118.11	385.21	1,208.97	720.46	2,327.08	39.08	267.92	681.382	359.163	338.94	789.45	342.44	1,269.71	49.74%	38.34%
Div. II : Western Sub.																
Upto 1990-91	357.72	483.13	28.28	12.63	383.98	495.76	25.58	43.94	360.40	451.82	44.14	42.75	318.26	409.07	12.25%	9.46%
1991-92	139.37	223.01	58.07	32.67	198.44	255.88	82.29	61.90	136.15	133.78	89.98	71.74	48.17	122.04	86.09%	37.62%
1992-93	—	—	872.75	771.25	872.75	771.23	111.44	108.63	761.31	862.60	637.88	423.20	123.43	239.40	83.79%	63.87%
Total :	497.09	706.14	958.08	816.53	1,455.17	1,522.87	197.31	214.47	1,257.86	1,308.20	772.00	537.69	485.86	770.51	61.37%	41.00%
Div. III : Eastern Sub.																
Upto 1990-91	134.27	165.45	4.39	8.95	138.68	174.40	5.38	11.94	133.30	162.45	20.81	23.90	112.49	138.56	15.61%	14.71%
1991-92	41.87	96.58	9.91	14.44	51.78	111.42	15.70	18.21	36.08	82.21	23.88	31.18	12.22	61.03	66.13%	33.31%
1992-93	—	—	247.01	370.88	247.01	370.88	20.09	39.99	226.92	330.89	179.63	238.10	47.09	92.79	79.25%	71.86%
Total :	176.14	262.43	261.31	394.27	437.45	656.70	41.15	71.14	396.30	565.56	224.50	263.18	171.80	292.38	56.65%	50.07%
GRAND TOTAL :	1,008.48	2,011.87	1,044.60	2,419.77	2,613.08	4,508.45	277.64	553.53	2,335.543	3,952.621	1,335.441	1,820.321	1,000.102	1,332.60	57.18%	40.99%

7) SEWERAGE TAX

(1992-93)

(Rs. in lacs)

Period	Outstanding as on 1-4-92		Amt. of Bills issued during the year		Gross Demand		Amt. of Bills recalled during the year		Net Demand		Collection made during the year		Outstanding as on 31-3-93		Percentage of Collection to Net Demand	
	R	NR	R	NR	R	NR	R	NR	N	NR	N	NR	N	NR	R	NR
	Div. I : City															
Upto 1990-91	220.18	174.28	3.19	9.26	223.37	183.54	8.44	75.89	214.93	107.65	10.76	23.38	204.17	84.27	50.1%	21.72%
1991-92	31.18	100.37	3.87	14.47	35.05	114.84	8.25	54.84	26.80	60.00	11.4	15.09	15.68	44.91	41.57%	25.15%
1992-93	—	—	136.87	292.81	136.87	292.81	18.97	66.50	117.90	226.31	79.94	154.63	37.96	71.68	67.80%	68.33%
Total :	251.36	274.65	143.93	318.54	395.29	591.19	35.66	197.23	359.63	393.96	101.84	193.10	257.79	200.86	28.32%	49.02%
Div. II : Western Sub.																
Upto 1990-91	349.90	194.95	10.94	6.77	360.84	201.72	46.54	50.72	314.30	151.00	21.31	14.24	292.99	136.78	6.78%	9.43%
1991-92	117.94	66.34	24.55	14.39	142.49	102.73	61.41	38.61	81.08	64.12	44.38	22.89	36.70	41.13	54.74%	35.85%
1992-93	—	—	345.09	242.44	345.09	242.44	77.74	52.03	267.35	190.41	161.52	83.76	105.83	106.65	60.42%	43.99%
Total :	467.84	263.29	360.58	263.60	848.42	546.89	185.69	141.36	662.73	405.53	227.21	120.99	435.52	284.54	34.28%	29.83%
Div. III : Eastern Sub.																
Upto 1990-91	181.96	143.96	1.05	3.48	183.01	147.46	18.02	25.34	146.99	122.12	10.57	12.28	136.42	109.84	7.19%	10.08%
1991-92	44.23	80.44	6.89	7.17	51.12	87.61	20.83	22.91	30.29	64.70	11.92	14.44	18.37	50.26	39.35%	22.32%
1992-93	—	—	115.86	173.16	115.86	173.16	22.95	27.17	92.91	145.99	51.00	76.76	41.91	69.23	54.89%	52.58%
Total :	208.19	224.42	123.80	183.81	329.89	408.23	59.80	75.42	270.19	332.81	73.49	103.48	166.70	229.33	27.20%	31.09%
GRAND TOTAL :	925.39	782.36	646.31	763.95	1,573.70	1,546.31	281.15	414.01	1,292.55	1,132.30	402.54	417.57	890.01	714.73	31.14%	36.88%

8) SEWERAGE BENEFIT TAX

(Rs. in lacs)

Div. I : City																
Upto 1990-91	243.37	456.61	2.86	16.22	246.35	477.83	4.63	41.83	241.72	436.00	13.83	33.30	227.79	402.70	5.76%	7.64%
1991-92	31.38	179.95	3.48	23.92	34.86	203.67	4.68	35.22	30.18	168.65	15.84	31.92	14.34	136.73	52.48%	18.93%
1992-93	—	—	248.80	683.93	248.80	683.93	18.67	65.19	232.13	598.74	195.26	414.90	36.87	183.84	84.12%	69.30%
Total :	274.75	639.56	259.26	726.07	530.01	1,365.63	25.96	162.24	504.03	1,203.39	225.03	480.12	279.00	723.27	44.65%	39.90%
Div. II : Western Sub.																
Upto 1990-91	324.91	262.57	16.04	9.01	340.95	271.58	18.21	24.96	322.74	246.62	35.95	25.46	286.79	221.16	11.14%	10.32%
1991-92	94.72	114.15	37.30	22.63	132.02	138.78	38.60	37.04	93.42	99.74	54.61	39.46	38.81	60.28	58.46%	39.56%
1992-93	—	—	584.54	457.85	584.54	457.85	69.83	78.91	514.91	378.94	433.02	254.23	81.89	124.71	84.10%	67.09%
Total :	419.63	376.72	637.88	489.49	1,057.51	868.21	126.44	140.91	931.07	725.30	523.58	319.15	407.49	406.15	56.23%	44.00%
Div. III : Eastern Sub.																
Upto 1990-91	85.13	90.39	3.34	4.63	88.47	95.02	3.34	7.32	85.13	87.70	2.65	13.78	72.48	73.92	14.86%	15.71%
1991-92	24.81	58.03	6.45	9.14	31.26	67.17	10.43	12.20	20.83	54.97	15.74	18.47	5.09	36.50	75.56%	33.60%
1992-93	—	—	164.26	222.29	164.26	222.29	13.67	24.73	150.59	197.56	116.85	141.91	33.74	55.65	77.59%	71.83%
Total :	109.94	148.42	174.05	236.06	283.99	384.48	27.44	44.25	256.55	340.23	145.24	174.16	111.31	166.07	56.61%	51.19%
GRAND TOTAL :	804.32	1,164.70	1,057.19	1,451.62	1,871.51	2,616.32	179.86	347.40	1,691.65	2,268.92	893.65	973.43	797.80	1,295.49	52.84%	42.90%

9) Tree Cess

(1992-93)

(Rs. in lacs)

Period	Outstanding as on 1-4-92	Amt. of Bills issued during the year	Gross Demand	Amt. of Bills recalled during the year	Net Demand	Collection during the year	Outstanding as on 31-3-93	Percentage of Collection to Net Demand
Div. I -- City								
Upto 1990-91	60.41	2.42	62.83	3.25	59.58	4.36	55.22	7.32%
1991-92	19.51	2.46	21.97	3.47	18.50	4.75	13.75	25.67%
1992-93	--	88.31	88.31	9.39	78.92	60.14	18.78	76.20%
Total:	79.92	93.19	173.11	16.11	157.00	69.25	87.75	44.11%
Div. II -- Western Subs.								
Upto 1990-91	31.34	3.41	34.75	4.65	30.10	5.97	24.13	19.83%
1991-92	27.16	7.75	34.91	8.85	26.06	12.56	13.50	48.20%
1992-93	--	111.24	111.24	14.97	96.27	71.12	25.15	73.87%
Total:	58.50	122.40	180.90	28.47	152.43	89.65	62.78	58.81%
Div. III -- Eastern Sub.								
Upto 1990-91	11.00	1.15	12.15	1.07	11.08	1.94	9.14	17.51%
1991-92	8.50	1.99	10.49	2.80	7.69	3.74	3.95	48.63%
1992-93	--	39.04	39.04	3.91	35.13	26.08	9.05	74.23%
Total:	19.50	42.18	61.68	7.78	53.90	31.76	22.14	58.92%
Grand :	157.92	257.77	415.69	52.36	363.33	190.66	172.67	52.48%

APPENDIX V

Statement showing total Demand, Collection & Outstanding of Government Taxes & Cess during 1992-93

1) State Education Cess (Rs. in lacs.)

Div. I -- City								
Upto 1990-91	1,387.27	67.79	1,455.06	95.69	1,359.37	108.05	1,251.32	7.95%
1991-92	409.75	47.58	457.33	80.43	376.90	80.43	296.47	21.34%
1992-93	--	1,673.37	1,673.37	200.48	1,472.89	1,058.51	414.38	71.87%
Total:	1,797.02	1,788.74	3,585.76	376.60	3,209.16	1,246.99	1,962.17	38.86%
Div. II -- Western Sub.								
Upto 1990-91	974.25	42.35	1,016.60	78.62	937.98	92.90	845.08	9.90%
1991-92	390.63	100.53	491.16	130.50	360.66	167.76	192.90	46.51%
1992-93	--	1,732.59	1,732.59	245.64	1,486.95	1,077.73	409.22	72.48%
Total:	1,364.88	1,875.47	3,240.35	454.76	2,785.59	1,338.39	1,447.20	48.05%
Div. III -- Eastern Sub.								
Upto 1990-91	375.31	15.57	390.88	21.02	369.86	46.85	323.01	12.67%
1991-92	152.94	29.66	182.60	44.01	138.59	62.49	76.10	45.09%
1992-93	--	669.96	669.96	70.63	599.33	446.01	153.32	74.42%
Total:	528.25	715.19	1,243.44	135.66	1,107.78	555.35	552.43	50.13%
Grand Total	3,690.15	4,379.40	8,069.55	967.02	7,102.53	3,140.73	3,961.80	44.22%

2) Urban Immovable Property Tax (Rs. in lacs.)

(1992-93)

Upto & 1962-63								
City	0.16	--	0.16	--	0.16	--	0.16	--
W. Sub.	1.05	--	1.05	--	1.05	--	1.05	--
E. Sub.	1.03	--	1.03	--	1.03	0.01	1.02	0.97%
Grand Total :	2.24	--	2.24	--	2.24	0.01	2.23	0.45%

3) Employment Guarantee Cess

(1992-93)

(Rs. in lacs)

Period	Outstanding as on 1-4-92.	Amt. of Bills issued during the year	Gross Demand	Amt. of Bills recalled during the year	Net Demand	Collection during the year	Outstanding as on 31-3-93.	Percentage of Collection to Net Demand
Div. I -- City								
Upto 1990-91	366.59	15.02	381.61	20.68	360.93	22.30	338.63	6.18%
1991-92	87.32	11.43	98.75	17.30	81.45	16.58	64.87	20.36%
1992-93	--	345.62	345.62	43.39	302.23	213.02	89.21	70.48%
Total:	453.91	372.07	825.98	81.37	744.61	251.90	492.71	33.83%
Div. II -- Western Sub.								
Upto 1990-91	234.75	7.47	242.22	13.80	228.42	13.51	214.91	5.91%
1991-92	68.14	14.61	82.75	19.40	63.35	18.84	44.51	29.74%
1992-93	--	230.96	230.96	34.49	196.47	122.98	73.49	62.59%
Total:	302.89	253.04	555.93	67.69	488.24	155.33	332.91	31.81%
Div. III --Eastern Sub.								
Upto 1990-91	76.33	3.21	79.54	4.17	75.37	7.95	67.42	10.55%
1991-92	27.15	6.41	33.56	9.90	23.66	9.71	13.95	41.04%
1992-93	--	111.51	111.51	13.15	98.36	72.76	25.60	73.97%
Total:	103.48	121.13	224.61	27.22	197.39	90.42	106.97	45.81%
Grand Total	860.28	746.24	1,606.52	176.28	1,430.24	497.65	952.59	34.79%

4) Additional State Education Cess (Rs. in lacs.)

(1992-93)

Upto & 1973-74								
City	2.05	--	2.05	--	2.05	--	2.05	--
W. Sub.	2.21	--	2.21	--	2.21	0.01	2.20	0.45%
E. Sub.	2.35	--	2.35	--	2.35	0.03	2.32	1.28%
Grand Total:	6.61	--	6.61	--	6.61	0.04	6.57	0.61%

5) Repairs and Reconstruction Cess

(1992-93)

(Rs. in lacs)

Past & Previous year upto 1991-92								
A	4,200.37	118.50	4,318.87	163.14	4,155.73	674.07	3,481.66	
B	280.44	9.18	289.62	34.51	255.11	42.95	212.16	
C	364.04	8.24	372.28	7.80	364.48	47.69	316.79	
Total:	4,844.85	135.92	4,980.77	205.45	4,775.32	764.71	4,010.61	16.01%
Current year 1992-93								
A	--	2,341.78	2,341.78	215.62	2,126.16	1,009.32	1,166.84	
B	--	138.01	138.01	9.64	128.37	74.19	54.18	
C	--	191.50	191.50	18.08	173.42	98.26	75.16	
Total:	--	2,671.29	2,671.29	243.34	2,427.95	1,181.77	1,246.18	48.67%
Grand Total	4,844.85	2,807.21	7,652.06	448.79	7,203.27	1,946.48	5,256.79	27.02%

APPENDIX—VI

Bills issued during the year 1992-93.

	City		Western Subs.		Eastern Subs.		Grand Total	
	Past & Previous year	Current years	Past & Previous year	Current year	Past & Previous year	Current year	Past & Previous year	Current year
	No. of Bills	No. of Bills	No. of Bills	No. of Bills	No. of Bills	No. of Bills	No. of Bills	No. of Bills
Property Taxes	4,922	1,15,186	5,429	2,16,420	4,697	1,34,707	15,048	4,66,313
Water charges by meter measurement including Meter Hire.	10,792	1,03,756	15,796	2,24,395	5,289	91,761	31,877	4,19,912
Wheel Tax	17,147	3,25,021	11,442	1,71,315	8,927	1,05,101	37,516	6,01,437

APPENDIX—VII

Break-up of locked up outstanding of Municipal Taxes and charges as on 31-3-92,

(Rs. in crores)

Divisions	City	W. Subs.	E. Subs.	Total
1) Amount involved in writ petitions, appeals etc.	7.62	7.18	9.21	24.01
2) Amount involved in complaints against rateable value.	59.76	13.72	2.46	75.94
3) Amount involved in unauthorised structures	1.06	17.31	10.36	28.73
4) Taxes dues from other Deptts. pending adjustment.	2.70	2.30	1.63	6.63
5) Dues from Govt., B.P.T., Railways etc.	3.48	18.34	0.68	22.50
6) Water charges disputes regarding rates & consumption in respect thereof.	13.11	0.65	3.80	17.56
7) Dues involved in attached properties.	4.26	4.40	1.68	10.34
8) Property Taxes disputes (S.T./W.T. Deletions, exemption cases)..	2.59	3.49	1.88	7.96
9) Wheel tax disputes.	13.22	8.92	3.12	25.26
10) Bills issued at the fag end of the year (Water charges only).	3.60	3.63	3.29	10.52
11) Arrears of Textile-Mills & N.T.C.				
a) Pre N.T.C. Period.	1.77	-	-	1.77
b) Post N.T.C. Period.	2.33	-	-	2.33
12) Dues from Sick Units & Units covered by BRU, SIFR	0.90	0.33	1.70	2.93
13) Amount involved in water charges/sewerage charges disputes	0.71	0.25	38.24	39.20
14) a) Dues from Official Assignee/Court Receiver.	1.68	0.67	1.62	3.97
b) Official Liquidator/Insolvent.	0.56	-	0.16	0.72
15) Total locked up balances	119.35	81.19	79.83	280.37
16) Amount involved in various processes of recovery.	20.45	25.96	16.57	62.98
17) Total balances as on 31-3-93.	139.80	107.15	96.40	343.35

APPENDIX—VIII
A) Cinema Theatres & Tax

	No. of Theatres Class I	No. of Theatres Class II	Total No. of Theatres	Collection during 1991-92	Collection during 1992-93
City	50	1	51	15,61,399	14,93,941.40
Western Sub.	31	—	31	10,24,156	10,06,681.60
Eastern Sub.	24	—	24	8,35,941	6,45,792.00
TOTAL:	105	1	106	34,21,496	31,46,415.00

APPENDIX—IX

Classification of Properties according to Rateable Value as on 31-3-1993.

Rateable Value	City No. of Properties.	Western Sub. No. of Properties.	Eastern Subs. No. of Properties.	Total No. of Properties.
Below Rs. 200/-	8,252	20,268	16,107	44,627
Between Rs. 201/- to Rs. 300/-	2,436	7,139	4,931	14,506
Between Rs. 301/- to Rs. 400/-	2,581	5,993	4,176	12,750
Between Rs. 401/- to Rs. 500/-	2,328	4,832	3,094	10,254
Between Rs. 501/- to Rs. 750/-	3,840	8,454	6,155	18,449
Between Rs. 751/- to Rs. 1,000/-	2,669	5,727	3,956	12,352
Between Rs. 1,001/- to Rs. 1,500/-	3,925	8,350	5,431	17,706
Between Rs. 1,501/- to Rs. 2,000/-	2,898	5,028	3,624	11,550
Between Rs. 2,001/- to Rs. 5,000/-	9,664	12,224	8,953	30,841
Between Rs. 5,001/- to Rs. 10,000/-	6,975	6,872	4,451	18,298
Between Rs. 10,001/- to Rs. 20,000/-	5,374	6,948	3,782	16,104
Between Rs. 20,004/- to Rs. 30,000/-	2,004	3,856	1,628	7,488
Between Rs. 30,004/- to Rs. 40,000/-	1,062	2,470	949	4,481
Between Rs. 40,001/- to Rs. 50,000/-	711	1,741	596	3,048
Between Rs. 50,001/- to Rs. 1,00,000/-	1,749	4,107	1,227	7,083
Between Rs. 1,00,001/- to Rs. 1,50,000/-	697	1,503	440	2,640
Between Rs. 1,50,001/- to Rs. 2,00,000/-	604	1,321	420	2,345
Between Rs. 2,00,001/- to Rs. 2,50,000/-				
Between Rs. 2,50,001/- to Rs. 3,00,000/-	212	324	97	633
Rs. 3,00,001/- & above.	739	993	320	2,052
TOTAL :	58,720	1,08,150	70,337	2,37,207

EDUCATION DEPARTMENT
Administrative Report for the Year 1992-93

Under Section 61(q) of the Bombay Municipal Corporation Act, it is incumbent on the Corporation to provide Primary Education to the children in school going age between 6 to 11 years and this responsibility is being carried out by the Education Department of the Bombay Municipal Corporation, right from 1907.

In addition to the primary education, the Corporation also runs 51 Municipal Secondary Schools since 1965 just to give a helping hand to the State Government.

The entire supervision and administration of Education Department was carried out by the Education Officer; Shri Deorao Uddhavrao Dandawate-M. Sc. (Chem.) Ist / M.Ed. (I Class) from 4th February 1989 as the Head of the Department with the assistance of Officers on Academic side as well as the administrative staff.

School Premises :

In order to meet the ever increasing educational needs of school going children, the Corporation has planned a programme of construction of school buildings at various places. The position of the school premises is shown in the statement given below :-

Sr. No.	As on 31st March, 1992	As on 31st March, 1993
	No. of School Premises	No. of School Premises.
1) Municipal Owned	371	377
2) Rented Buildings	299	294
3) Rent free	11	18
4) W.O. (Eastates)	34	34
Total :	715	723

The construction of additional classrooms has helped in reducing the congestion in classrooms.

Teachers :

Every year, the Department has to recruit teachers due to increase in the number of students as also for those who are superannuated, retired, resigned and/or expired.

Private Primary Schools :

In addition to Municipal Schools, the department controls private primary schools by way of giving them recognition and grant-in-aid. The number of students in private primary schools is also increasing.

Special Education of Mentally Retarded Children :

In addition to normal school children, the Education Department of the Corporation conducts Special Education Classes, especially for Mentally Retarded children.

The position is given as under :-

Medium	No of centres	No. of children	No. of Teachers
Marathi	17	680	47
Hindi			
Gujarati			
English			

Information regarding Junior Colleges of Education :

In addition to the primary schools, the department conducts three Junior Colleges of Education, Two for Urdu and One for Hindi.

Sr. No.	Name of the College	No. of students	Ist Year D. Ed.	IInd Year D.Ed.	Teaching staff.
1.	Municipal Teachers Teachers Junior College of Education, Mahim.	80	40	40	1. Principal -- 1 2. Full time Instructor -- 6 3. Part-time Instructor -- 5
2.	Junior College of Education Imamwada	217	120	97	1. Principal -- 1 2. Full time Instructors -- 10 3. Special Part-time Instructors for physical education and Marathi. -- 2 4. Special part-time teachers for teaching special subject viz. Work experience Music & Drawing. -- 3
3.	Hindi Training College Sahakar Nagar	80	80	--	1. Principal -- 1 2. Instructors -- 4

Physical Educational Activities :

Name of the Section.	Activity	No. of participants/Beneficiaries.
Physical Education.	Physical Training Institute.	420 teachers completed the training in Batches from '92 June to March '93.
	Physical Training Camp.	Teahers -- 140 Instructors -- 16 Students -- 5425
	Game Competitions Annual sports	Cancelled due to Riot
	Sports for Mentally Retarded Children	Students -- 55303
	Mass Drill	Cancelled due to Riot
	Wrestling Competitions	Students -- 712
	R. S. P. Units - 130	Students -- 6400
	A Camp was conducted Training was given with the help of police personnel R.S.P. week	Instructors -- 8 Teachers -- 115 Students -- 487
	Sports Scholarship	Students -- 24
	Government Competition District level	Students -- 18
	Government Competition State level	Students -- 18

Name of the Section.	Activity	No. of participants/Beneficiaries.		
Scout/Guide Activities	Cub Masters	--	154	
	Cubs	--	2,772	
	Scout Masters	--	153	
	Scout	--	3,552	
	Flock Leaders	--	166	
	Bulbuls	--	2,988	
	Guide Captain	--	152	
	Guides	--	3,664	
	Tree Plantation	Teachers/Officers	--	175
	Monsoon hike	Officers	--	75
Revision course	Officers	--	30	
Scout/Guide activities.	Patrol Ldr.	Scout/Guide	--	2,442
	Trg. Camp.	Teachers	--	
	Cubs/Bulbul excursion	Scout/Guide Trs.	--	3,339
	Patrol hike	Scout/Guide trs.	--	1,127
	Judges Trg. Camp	Trs. & Officers	--	112
	Social Service Project	Students, Trs. & Officers	--	1,428
	Craft Std.	Students,	--	204
	Judging Camp	Trs. & Officers	--	
	Explanatory Trg. Camp	Students, Trs. & Officers	--	233
	Group Camping	Cancelled due to Riot	--	
Scout/guide Rally	Students	--	2,000 cancelled	
	Teachers	--	233 due to Riot	
Scout/Guide Competitions		Students	Teachers	
	1. Zonal competitions	10,540	+ 625	
	2. Final competitions	308	+ 20	
Audio Visual Section	Schools	--	598	
	No. of filmshows	--	2702	
	No. of students benefitted	--	3,75,681	

I -- Research

Research Unit and Statistical Section

I -- Research

1. The following Research Studies in Municipal Schools were done.

- A) A comparative study of the result of Middle School and High School Scholarship Examination.
- B) Comparative Study of S. S. C. Result 1992 was done.
- C) Study of drop-out rate for the Year 1991-92.

2. Report of gradation of Schools are prepared.

3. Consolidated report of Tree Plantation is prepared.

4. Evaluation procedure on standard IVth the basis of new syllabus is prepared.
5. Recommendation of Books.
6. Action Research Workshops were organised.
7. **Enrolment Drive Work :**

Under this Scheme activities were conducted in the months of June and July '92 to enrol drop-outs to ensure their admissions.

II -- Statistics is also attached to Research Unit to collect the necessary data.

Now we are trying to computerise it in the near future.

III -- **Urban Primary Education for all**

1. Preparation of the report of Wastage and Stagnation in 6 Wards under project 'Wastage & Stagnation manuals of 4 languages, i.e. Marathi, Hindi, Gujarati and Urdu were printed. Wardwise/Mediumwise report of wastage and stagnation survey was collected and printed for this purpose. Special training was given to the various persons.

2. School Enrolment Drive :

Orientation material like banners, Folders, strips, posters, audio-cassettes are prepared. In order to organise parents meetings, Community Development Officers were instructed. Non-Government Organisations played significant role for community participation for enrolment and retention.

3. Distribution of the Teaching material to the Schools in 6 Ward :

Audio Visual Aids like colour Television, Video cassettes, Records, Tape recorders are distributed to the schools.

Supplementary books, Blackboards, story books and other material was supplied to the school like craft and cyclostyle material.

4. Worksheets for std. I for language and Mathematics were prepared and printed.

(a) For colour concept special 3 booklets were prepared.

5. Teachers' handbook for std I was prepared.

6. Publication of 'वृत्तान्त' i.e., news letter of the UPEFA Project.

Report from the 6 Wards were consolidated time to time and the information was disseminated to the teachers and officers through this quarterly.

7. Arrangement of various programmes of visits for the visitors were done.

A -- Visit to Project Schools of delegation from Ahmedabad.

B -- Visit of the Mayor of Baltimore to training Centres.

C -- Visits of the Chinese delegation to the Schools under the Projects.

8. 4 students from Marathi, Hindi, Gujarati and Urdu medium B. M. C. Schools expressed their thought at Rajbhavan. Governor of Maharashtra appreciated the Unicef Programme run by Bombay Municipal Primary Education Department.

9. Review meetings with Secretary to education, Maharashtra State, B. M. C. and Unicef Consultants were held

Language Development Project :

During the period under report, the activities of the Language Development Project were carried out in four different areas namely Teacher-Training, Material Production, Research and Evaluation, and contact programmes as per broad objectives set out for the Institute.

Department of English :

1. One month Intensive Training Programme have been conducted throughout the whole academic year as one of the major and the important activities at the Language Department Project. The latest modern techniques of training teachers (communicative approach) have been introduced for the first time on the courses. In all 6 batches have been introduced and conducted and 239 teachers of all languages have been trained in English.
2. Vacation Classes for students of std. X in Marathi and Gujarati medium were conducted at the Municipal School Santacruz during the entire summer and midterm vacations.
3. A special training course for the Resource Persons was organised in collaboration with the British Council and the Department of English University of Mumbai.
4. Extension course of short duration were conducted by the Officers and Resource persons of L.D.P.
5. The teachers were trained through workshop-techniques.

Material Production :

1. A special syllabus has been designed for training teachers through Communitive Approach.
2. About 25 learning and practising units in listening, speaking and writing were prepared.
3. The participants on the courses were encouraged to prepare their own teaching aids for the use in the class.
4. The participants were trained to prepare their own material for the units. They taught under the supervision of the L.D.P. Staff.
5. Special material was prepared for the students of Std. X.
6. A number of games, puzzles were used on the training course.

Evaluation :

1. New material was prepared to evaluate teachers' performance at the training course.
2. The Resource Persons were deputed to participate in a workshop on use of 'Creative Dramatics'.

Marathi (1st and 2nd Language)

Teacher Training :

1. A short term orientation course were organised for the teachers of std. IV (Marathi 1st Language) at the Ward level. 529 teachers covered under this Scheme.
2. Unicef Programmes for teachers of std. I on use of Teaching aids.
3. Demonstration classes on use of puppets.
4. Marathi Coaching Class for non-Marathi speaking teachers at 5 centres from 5th July 1992 to 20 March 1993. No. of teacher benefitted were 148.

Centre**Name of the School**

Borivali

Sodawala Lane Municipal School

Dadar

Woollen Mill Lane Municipal School.

Grant Road

Topiwala Lane Municipal School.

Kurla

Nehru Nagar Municipal Primary School.

Mulund

G. V. Scheme Muni. Primary School.

Literary Programme :

1. C. V. Joshi's (A famous Marathi humorist) birth centenary celebration. Elocution Competition and Essay Writing, Prize distribution.
2. Lecture by experts at the Ward level.

Projects :

1. Introduction of concepts std. I. G. V. Scheme, Mulund.
2. Introducing Grammar through stories std. IV. New Upper School, Mahim.

Material Production :

1. Scripts for all India Radio.
2. Handbook for Teachers of Std. IV
3. Workbook for std. IV
4. Material for non-formal education.
5. A book of concepts
6. Audio Cassettes.

Material :

1. handbook on Grammar, Essay Writing, songs were distributed and made available to teachers.
2. Audio cassettes for poems of std. IV and songs.

Urdu :**Teaching and Orientation Programmes :**

1. Orientation programme for teachers of Urdu of Std. IV in 11 beats. 345 teachers participated.
2. A workshop on Model Reading. 467 teachers attended.
3. Lectures by experts on grammar. 480 teachers attended.
2. Competitions :
Model Reading at R. C. Mahim Urdu Schools.
50 teachers took part in it.
3. Guidance to Project Schools
Guidance on reading and writing was given to teachers and pupils throughout the year. 400 pupils were benefitted.
4. Production of Teachers Materials.
1. Handbook for teachers of std. IV.
2. Cards for words and letters of the alphabet.

Music & Art Academy**Music Wing**

Sr. No.	Activity Programme	Aims of the Programme.
1.	Group Songs Camps	Some selected group songs for school students were taught to all Language teachers. All these songs were taught to all Language school students through the Music teachers. These songs were used for students in children gatherings (Balak Melawa) and programmes at school level.
2.	Music Competition	Competitions were held in the subjects of singing, instrument playing & dance on Three levels namely divisional, zonal, final Zonal.
3.	Special Programmes (concert)	Programmes of selected Music teachers were presented, thereby giving them chance to present their Art.
4.	Songs collection, Music composing, and recording.	6 New songs were selected and composed and were recorded for school students. These songs were taught to all language students to present them in the Balak Melawa.
5.	Talent Development Centres	Talented students of all the Languages were given to develop their talents. They were given knowledge in the subjects of singing, drama, dance by this centre and were helped appear for the examinations of the respective subjects through the Government recognised institutes.

Sr. No.	Activity Programme	Aims of the Programme.
6.	Hobby Classes	Hobby Class has been started for the Municipal employees. The employees were given knowledge about music in these classes. A programme of these employees was presented in music week.
7.	Practical lectures	Experts in the subjects of singing, instruments playing, dance and drama in the field of music were invited. The music teachers were given the knowledge and guidance of the respective subjects.
8.	World Music Day & Music Week.	1st October is observed as world music day in the whole world. Music Week was arranged on this occasion and world famous respected artists were invited in this week and various programmes were presented.
9.	Drama Camps.	Dramatic Camp was arranged for Music teachers. Acting and other aspects of drama (e.g. child-plays, professional theatre), etc. are taught to the teachers.
10.	Folk Dance Camp	Folk Dance Camp was arranged for all Language Music teachers. The outside experts were invited for this purpose.
11.	Seminar and Gathering	Annual Gathering and Seminar was arranged for all Language Music teachers. Outside eminent artists were invited for Seminar. There was Teachers' Gathering in 11nd session where various singing items were presented by different centres.
12.	Felicitation function	Felicitation function of artists was arranged at the residence of Hon. Municipal Commissioner to honour the National Award recipient artists in various fields of art. This function was organised by the Music Arts Academy.

Art Wing :

Art Academy organised a Child Art Competition for Municipal school children and they also participated in National and International Child Art competition and exhibition. 2000 children passed in Government of Maharashtra drawing grade Examination for the year 1992-93

Art Academy also organised Rangoli Competition for teachers and Municipal Employees, Total 500 special teachers (Drawing, Music and Handicraft) attended the function.

Art Academy also arranged beautiful artists camp in Jawahar-Thane-District.

Art Academy had also arranged one beautiful Art Gallery in Hindu Colony. This gallery mainly used for teachers pictures, exhibition and Art Workshop.

10 Art talented Development Centres in this year were opened and 250 students participated in it.

300 Art Teachers participated in 6 Demonstration classes, Hobby Classes and Monthly meeting during this year.

Health Care :

I -- Medical Inspection of School Children :

During the year under report 3,08,894 children, 1,52,519 boys and 1,56,375 Girls were examined in 1325 Primary Municipal Schools. 23,537 children were examined in 51

Municipal Secondary Schools. This includes Medical Inspection in Tansa Dhamangaon, Modaksagar and Abhinav Gyan Mandir in Datta Nagar, Leprosy Colony, Chembur. These schools have been taken up in the School Health Service from 1988.

II -- Correction of Defects :

The number of defective children was 2,84,454 in Primary Municipal Schools (92.08) and 20,914 Secondary Municipal Schools (88.85) This includes those to be kept under observation as well as those to be referred to the School Clinic and Dispensaries for treatment.

Total number of defects -detected amongst these children was 6,46,727 in **Primary schools (2.29) defects per defective child** and 46,868 **secondary schools (2.24) defects per defective child.** 74,565 **guardians were interviewed** and explained the necessity of getting their wards investigated and treated early.

23,973 children with minor ailments were directed to the nearby **Municipal Dispensaries for free treatment.**

Children with major ailments were referred to the 7 School Clinics attached to K. E. M., Nair, Nair dental, Sion, Rajawadi, Dr. R. N. Cooper and Bhagawati Hospitals. During the year, 91,634 **new and old cases were treated at these clinics.** 22,695 children were referred to the honoraries of various dispensaries for expert opinion.

276 children were **admitted** in these hospitals for investigations and treatment, 137 **consillectomies** were carried out and 27 **operations** for various other ailments were carried out. 115 **major investigations** like E.C.G., E.E.G., ECHO, Cardiac Catheterisation, Angiography Sonography & C. T. Scanning were carried out.

646 children with refractive errors were supplied with spectacles, 1 with Telescopic spectacles, 8 children with Orthopaedic defects were supplied with callipers.

881 **Cases of Tuberculosis**, 451 **cases of Leprosy**, 531 of **Poliomyelitics**, and 44 **cases of Rheumatic Heart Diseases** were detected and referred to the Special Clinics for investigations and treatment.

III -- Immunization Scheme in Primary and Secondary Municipal Schools :

- (a) 62,162 children of age group of 6 years, were immunized against Diphtheria and Tetanus with Diphtheria & Tetanus vaccine.
- (b) 60,257 children of age group 10 and 15 years were immunized against Tetanus with Tetanus Toxiod.

IV -- Report on Medical Inspection and Immunization in Special Municipal School for Mentally Retarded Children.

17 out of the 17 such Special Schools were covered during the year 1992-93 (i.e., April 92 to March 1993).

Medical Inspection :

563 children -- 345 boys and 220 girls were examined.

Correction of Defects :

565 children were found defective (100%) Total number of defects detected was 2,148 (3.80%) defects per defective child).

81 children were referred to nearby Municipal Dispensaries for treatment of minor ailments.

182 children were referred to the School clinics for investigations and treatment of more major ailments.

1 child was immunized against Diphtheria and tetanus with D. T. vaccine.

329 children were immunized against Tetanus with Tetanus Toxiod.

V -- Health Education :

- (a) 11,361 Health Talks by Asstt., Medical Officer (schools) and Health Visitors (schools) were given to the students and teachers.
- (b) 992 parents, teachers and children meeting were arranged by the Asstt. Medical Officer (schools) where Health Talks were given to about 8340 parents and teachers.
- (c) 17,730 domiciliary visits and revisits were paid by the Health Visitors (schools).
- (d) Health Parade, Health Ministry and Health Trophy competitions are arranged in the Municipal Schools in B, D, F/N, H/W, P/S, P/N, S and T Wards with a view to inculcate good health habits among the children.

(e) Healthy children competition was held in all the 23 Wards in which 4475 + 80 Mentally Retarded Municipal School children. participated at 68 centres and 243 + 243 + 7 Mentally Retarded children were awarded prizes.

(f) Audio Visual Scheme :

A total of 374 sessions of slide shows on health educational topics were exhibited to 45, 249 parents, teachers and children of Municipal Schools.

(g) Child-to-Child Programme conducted in 5 Municipal Primary Schools.

Key School Project :

Key School Project is organised in Many Beats for gifted children of Municipal Schools under the guidance of experts. Drawing, Music, Craft are taught alongwith academic subject.

Endowment Fund :

The information in respect of the disbursement of the endowment fund during the year 1993-94 is as follows :

Talented students from Municipal Schools are awarded scholarship every year to develop their potential talents in various fields such as Art, Music, Drama Dance, Sports, etc. These scholarships are awarded from the Endowment fund created for this purpose. During the year 1992-93, 37 talented students in various fields have been awarded scholarship.

Community Development Project :

The Community Development Officers are working in Municipal Corporation of Greater Mumbai since 1985. C.D. Os. are working mainly to bring back the pupils and to prevent drop-outs. They also work to bring educational awareness in the society.

Under the Sponsorship Programme. They provide economical help up to graduation for needy and poor students. For all this, they gets help from the various institutions and donors.

Non Formal Education Classes :

Education Department started Non Formal Education for the school going children and drop-out children.

This year we have started 141 classes in 7 different languages in which 3861 children were the beneficiaries.

Teacher's Library :

1. Education departments of Municipal Corporation of Greater Mumbai, has 4 Libraries running for the benefit of teachers and employees under Budget 'E'.

2. Membership :

The total strength of Members at above 4 Libraries as on 31-3-1992 was 22845 and in 1992-93, 796 new members have been enrolled. so the total strength as on 31-3-1993 is 23641.

3. Circulation :

During the year 1992-93, 39238, books were issued and 35370 Books were received from 4 Libraries.

Municipal Free Reading Rooms and Libraries :

The Corporation has provided reading rooms and Libraries to meet the needs of citizens.

There 34 Municipal free reading rooms and Libraries. Out of which, 29 Libraries have been handed over to Mumbai Marathi Granthe Sangrahalaya for Management.

During the current year, Corporation started 2 more Libraries for teachers and public at Mulund and Borivali.

Balkotsav :

As usual 'Balkotsav' cultural programmes, Dramatic folk dance competitions and programmes for schools of Mentally Retarded children., programmes for the children in Slum Schools are arranged.

About 23,000 students and 2300 teachers participated which were enjoyed by 40,200 parents.

School Feeding Programme :

Under the School Feeding Programme snacks in the form of Glucose Biscuits, and usal of Sprouted seed grains (i.e. Chana, Watana, Chawali, Matki, Sheera, Upama, Rajgira, Laddoo, etc.) were supplied to the Municipal School children studying in std. I to IV during the year under report. Glucose Biscuit manufactured by M/s. Farm House Biscuit Company, M/s. Champion goods. Pvt. Ltd., and M/s. Key Aar Biscuit Co. Ltd. were supplied and distributed by them to 475000 students studying in Std. I to IV of the 1200 Municipal Schools in city, Eastern and Western Subs. area from 7-10-1992 to 11-3-1993. However, due to suspected food poisoning occurred to the students in 5 Municipal schools, the supply and distribution of glucose biscuit programme was suspended from 11-3-1993 i.e. 15 days early to expire the contract.

The P.S.M. Department of Nair, Sion and K.E.M. Hospitals have prepared and supplied snacks in the form of Usal, Khichadi, to about 12000 students from 15 schools in slum besides 37 Register Mahila Organization have also prepared and supplied snacks in the form of usal of sprouted seed grains, Rajgira laddoo, Sheers and Upama, etc., to about 50,000 students from Municipal Schools, School children in Manori and Gorai Schools were also supplied snacks by preparing the food articles in school premises.

Free Distribution of Text-Books and slates :

The Municipal Corporation has spent Rs. 84,33,817.70 towards distribution of free text-books to the students of Municipal Primary School studying in Std. I to VIIIth.

1,32,600 Enamel Slates were provided free to the Std. Ist students of Municipal Primary Schools.

Summer Classes :

During the year 308 summer classes were conducted by 308 teachers: In these summer classes, 9477 pupils were beneficiaries.

Teacher's Seminars :

Seminar programmes of the Educational Experts were conducted various subjects for guidelines of all the teaching staff.

Elocution Competition :

Elocution Competitions are conducted at Beat level in 3 groups :

- | | | |
|----------------------|----|--|
| 1. Std. IIIrd and IV | -- | Story Telling. |
| 2. Std. Vth to VIth | -- | Subject given by Supdt. and B. Os. |
| 3. Std. VIIth | -- | Ex-tempo Elocution competition
(subject given on the spot). |

Prizes and Certificates in each competition are given to the 1st 3 numbers.

7. Government Merit Scholarship Examination :

During the year 14,992 students (in Middle Schools and High Schools) were appeared in Govt. Merit Scholarship Examination. 6 students of Middle School Examination. and 7 students of High School Examination have got Government Merit Scholarship.

Preliminary Workshop for all languages was arranged by each Deputy Education Officer. A test was also arranged for preparing pupils for Government Scholarship Examination. During the year books and Educational material were also supplied to each class.

Handwriting Competition :

Handwriting Competition was held for std. II and IV. Prizes and Certificates is given to one student of each division of std. II to IVth.

Competition of Children's Magazine :

Pupils handwriting Manuscript Competitions was organised for the students studying in std. Vth to VIIIth in all Media during the year 1992-93.

Science Exhibition :

Education department has started the competition in Science exhibits with objective to develop the concept of Science in school children and to develop ability of creativity and analysing object and preparation of Science exhibition in term of educational out-put for competition.

About 180 primary Municipal Schools of Mumbai Municipal Corporation took part in the central level Science exhibits were displayed properly in two groups.

Inservice Training Centre :

During the academic year 1992-93 Inservice Training was given to teachers. Dy. Head teachers, Head teachers, Beat Officers, A. Os. and Supdt., of Education department, to develop their professional efficiency and to acquaint them with the Modern trends and techniques in education.

Detailed report of the same is as follows :-

1. Inservice Training for Asstt. teachers from July 1992 to February 1993 (466 teacher).
2. C. T. I. & R. C. Training for H. Ms. and Dy. H. Ms. from July 1992 to February 1993 (266 Head teachers and Dy. Head teachers).
3. Civic Training Institute (47 B. Os.).
4. Civic Training at C. T. I. & R. C. for B. Os. and Supdt. (25 A. O. and 10 Supdts.)

Municipal Secondary Schools :

The Municipal Corporation of Greater Mumbai has undertaken the activity of Secondary Education since 1965.

Though it is not an obligatory duty of the Corporation, it has undertaken this activity purely with a view to meet the needs of children from the low income ground and also to supplement the efforts of private schools.

No. of Secondary Schools	--	51
No. of Divisions	--	1543
No. of Students	--	75595
No. of Teachers	--	2330

Different Activities :

- 1) From the Academic Point of view : To improve the S. S. C. result additional study classes were conducted for students in std Xth. Question papers in various languages were prepared to circulate to the schools for the benefit of S. S. C. students.
 1. Special Coaching Classes and Extra Classes were conducted for the students in S. S. C., in May vacation.
 2. Special Coaching Scheme were conducted in Diwali Vacation.
 3. All the Municipal Secondary Schools were adopted by Individual Officers from Education departments.
 4. Individual students were adopted by teachers and were specially guided
 5. Talented S. S. C. students were given special guidance from Eminent Educationists from outside Agencies with the help of L. D P Section

Year	Total No of students appeared in exam	Total No. of students passed in exam.	Percentage of passing
1.	2.	3.	4.
1992	8765	3779	43.02%
1993	8438	3948	46.78%

Names of the students who come first and second in Municipal Secondary Schools are as follows :-

Sr. No.	Name of the students and Secondary School	Rank	Total marks out of 700	Percentage (%)
1.	Kumari Nisha	Ist	630/700	90.00 %
2.	Kumari Fatima Zohra Mouddin	IInd	625/700	89.28%

II – Other Extra-curricular Activities :

1. Science Exhibitions, both at District/State/Ward and Zonal levels were held. It helps teachers and students to inculcate process of self-learning, use of low cost material, to understand different scientific concepts and learning by doing habits. cash prizes were awarded to the winners.
2. Manuscript Competitions were also held for our schools to achieve allround development and encourage immunization and competitive ability of our pupils.
3. Annual Sports especially in field and track events were organized to develop sportsmanship, self-discipline and to show skills in physical activities such as running, throwing, jumping, etc.
4. Game Competitions like Kabbaddi, Kho-Kho which is a team activity were conducted to improve agility neuromuscular, Co-ordination, endurance health and fitness of Pupils.
5. Scouting and Guiding was also been introduced in our schools. 2700 pupils participated in this activity.

15% of the revenue of the Corporation for undertaking Scheme and Programmes for Welfare of the Backward Classes :

- (A) Under the School Feeding programme, the students studying in Std. I to IV in Municipal Primary Schools are covered. Last year, 5,20,000 students were provided the snack in the form of glucose biscuits and usal in various sprouted seed grain, khichadi, sheera, Upama, Rajgira Laddoo, etc. Out of the total students referred above, 15,000 students from slum area were provided snacks through P.S.M. department of K. E. M. Nair and Sion Hospitals. The detailed Feeding Programme proposed for 1992-93 is furnished as below :-

Sr. No.	Item	Students covered	Total cost. (Rs.)
1.	Glucose Biscuits	4,55,000	2,86,32,000/-
2.	Mahila Organizations	50,000	44,75,000/-
3.	P.S.M. Deptt. Nair, K. E.M. and Sion Hospitals in form of sprouted seeds, sheera, usal, khichadi.	15,000	11,25,000/-
4.	Tansa, Vaitarna, Dhamangaon and Gorai and (preparation of Usal, sheera, Khichadi in School premises).	3,000	2,25,000/-
			3,44,57,000.00

- (B) The Municipal Corporation has spent Rs. 51,00,000/- towards distribution of free text-books to the students of Municipal Primary Schools in slum area and studying in std. I to VII.

Enamel Slates worth Rs. 6,25,000/- were provided freely to the students in slums areas and studying in Ist standard to Municipal Primary Schools.

Furniture worth Rs. 45,000/- was provided to Municipal Schools in Slum areas.

It is to be pointed out that almost 75 to 80 percent of the students attending Municipal Schools are from Backward Committee. The percentage will go even higher in slum areas. Thus the programmes mentioned above and expenditure incurred thereon goes mainly for such Backward Community students.

EDUCATION DEPARTMENT

Statement showing the Number of Municipal Schools, Pupils & Teachers as on 31st March, 1993.

Sr. No.	Medium	City				Suburbs				Ext.		Suburbs	
		Schools	Classes	Pupils	Trs.	Schools	Classes	Pupils	Trs.	Schools	Classes	Pupils	Teachers
1.	Marathi	201	1	100546	2673	204	1	159328	3622	136	-	99092	2340
2.	Hindi	54	1	31175	659	83	1	65073	1297	59	-	52848	1097
3.	Gujarati	46	1	9905	272	49	2	12776	338	43	1	16006	436
4.	Urdu	88	2	39517	882	97	2	71934	1486	29	-	15564	361
5.	Tamil	14	1	6381	185	14	1	5855	130	13	-	6031	134
6.	Telugu	17	2	6021	165	11	4	3145	75	10	1	2505	65
7.	Kannad	11	3	3101	102	22	3	5167	159	11	-	2604	76
8.	English	19	-	5338	132	12	-	4590	112	06	-	2511	69
9.	Singhi	-	-	-	-	1	-	7	2	01	-	5	2
10.	Total	450	11	201984	5070	493	15	327875	7221	308	2	197166	4580

PRIMARY EDUCATION DEPARTMENT

Statement showing the No. of Recognised & Aided Private Primary Schools & Pupils in Schools as on 31st March, 1993.

Sr.	Medium	City		Aided.		Suburbs		Aided		Ext.		Suburbs	
		Unaded		Schools	Pupils	Unaded		Schools	Pupils	Unaded		Schools	Pupils
No.		Schools	Pupils	Schools	Pupils	Schools	Pupils	Schools	Pupils	Schools	Pupils	Schools	Pupils
1.	Marathi	23	13571	37	18503	31	14805	64	35937	19	6196	29	14933
2.	Hindi	2	297	10	4504	11	2751	12	6741	5	1161	10	5998
3.	Gujarati	15	3042	19	4022	11	3460	19	7250	14	2759	29	18445
4.	Urdu	5	2280	11	5145	10	4135	5	2313	2	215	-	-
5.	Tamil	-	-	1	647	-	-	-	-	-	-	-	-
6.	Kannad	1	10	5	251	-	-	-	-	-	-	1	132
7.	English	147	57465	34	17140	168	93153	40	18788	82	45106	13	8425
	Total	193	76665	117	50212	231	118304	140	70949	122	55437	82	47933

PUBLIC HEALTH DEPARTMENT

LIST OF MAYOR'S AWARDS FOR THE YEAR 1992

A) Award for Trained Nurses :--

I -- Two Awards of Rs. 1,000/- each.

1. a) Smt. Sawant Smita, Sister, K. E. M. Hospital.
- b) Smt. Naidu Pushpa, Staff Nurse, Nair Hospital
2. a) Smt. Jadhav Ratan, Auxilliary Nurse, Marol Mat. Home
- b) Smt. Parmar Hema, Sister, Nair Hospital.

II -- Four Commendation Prizes of Rs. 250/- each.

1. Smt. Doris Joseph. Auxilliary Nurse, Cooper Hospital
2. Smt. D'cruz Precioza, Staff Nurse, K. E. M. Hospital
3. Smt. Tendulkar Manjusha, Staff Nurse, Bhagwati Hospital
4. Smt. Bhadsavale Akshata, Staff Nurse, L. T. M. G. Hospital

B) Award for Student Nurses--

III -- Two Awards of Rs. 500/- each.

1. Smt. Jani Sangeeta, 2nd Yr. Student Nurse, Bhagwati Hospital
2. Smt. Satavase Suvarnalata, 1st yr. Student Nurse, Nair Hosp.

IV -- Two Commendation Prizes of Rs. 250/- each

1. a) Smt. Singh Anjana, 1st yr. Student Nurse, Nair Hospital
- b) Smt. Maheshwari Uma, 3rd yr. Student Nurse, K. E. M. Hosp.
2. a) Smt. Ghodke Sujata, 3rd Yr. Student Nurse, Cooper Hosp.
- b) Smt. D'souza Premilla, 3rd Yr. Student Nurse, L.T.M.G. Hospital.

LIST OF MUNICIPAL COMMISSIONER'S AWARD WINNERS FOR THE YEAR 1992

I) One Award of Rs. 500/- to the Best Trained Nurse at Kasturba Hosp. for Infectionus Diseases.

- 1) Smt. Kamat Smruti Shrikant, Staff Nurse.

II) One Award of Rs. 500/- to the Trained Nurse from Dr. R. N. Cooper Hospital & Rajawadi Hospital.

1. a) Smt. Kamble Kala, Sister, Dr. R. N. Cooper Hospital
- b) Smt. Mehta Nirmala, Sister, Rajawadi Hospital

III) Two Awards of Rs. 500/- each to the Best Trained Nurses from other General Hospitals under H. O.

1. Smt. Kirodian Vasanti, Staff Nurse, Kurla Bhabha Hospital
2. Smt. Antony Mary, Staff Nurse, Bhagwati Hospital
Smt. Waghmare Shakuntala, Sister, Centenary Hosp. Govandi.

IV) One Award of Rs. 500/- to the Best Mid-wife & Auxilliary Nurse Midwife from Municipal Mat. Homes.

1. Smt. Hanjara Jogindarkaur, Aux. Nurse, Sawarkar Marg Mat. Home.

Sd/-	Sd/-	Sd/-	Sd/-	Sd/-	Sd/-	Sd/-
S.N.S.	Asstt. Dean (L)	Asstt. Dean (N)	Asstt. Dean (K)	Dir P.H.	Add. H O.	D.M.C. (Z-II)

PUBLIC HEALTH :**HIGH LIGHTS :****Expenditure :**

- 1) Maternity & Child Welfare Centres -- Rs. 11,94,26,260.
- 2) Pre-school and School Health Services -- Rs. 1,21,05,246
- 3) Prevention & Control of Infectious -- Rs. 3,44,40,827 diseases etc.

INCOME :

Issue of licences, certificates of -- Rs. 1,07,32,563 Births, Deaths etc.

Control of Food Adulteration :

Samples under P. F. A. Act.	--	1595
Adulterated	--	69
Prosecutions	--	38
Fines realised	--	--
Food Establishments	Eating Houses	Bakeries
Grade -- I	929	--
Grade -- II	764	9
Grade -- III	4299	518
Total	5992	527

HYGIENS :**Maternity and Child Welfare Services :**

	Maternity Homes	Maternity Wards	Maternity & Wards Child Welfare Centres
	25	11	39
Deliveries conducted	24,187	32,619	
Cases treated at Clinics		--	572611

Family Welfare :

I. U. C. D. Insertions		48,948
Vasectomy Operations	726	
Tubectomy Operations	41,210	
Condoms distributed free	46,86,567	
Dispensaries	Mobile Dispensaries	
159	--	

Municipal Laboratory

	(M.A.)	
Total samples received	Water samples	Samples found unfit for potable purposes
31,178	26,603	4,575

Municipal Hospitals :

	Indoor	Outdoor
1) Eye Hospital, Kamathipura		
i) New cases	1,476	22,029
ii) Old Cases	10,147	39,205
2) Municipal General Hospitals under Executive Health Officer.		
i) New cases	174852	1579974
ii) Total attendance	752508	6113767
3) Kasturba Hospital for infectious diseases		
i) Total beds	515	
ii) Admissions *	13128	
iii) GTB Admissions [†]	11827	Beds 996
iv) ENT Admissions	3500	Beds 100

New Activities :

The following Medical Institutions have been started during 1992-93

- 1) Commissioning of dispensary at Lai Dongri, Chembur W/East Ward from 9-12-1992.
- 2) Take over of Acworth Leprosy Hospital by Corporation from 1-4-1992
- 3) Starting of Drug-Addiction Centre at Bhardawadi from 2-9-1992.

STATISTICS FOR THE YEAR 1992

Sr No.	City	Suburbs	Ext Subs	Greater Mumbai	
1.	Area of Greater Mumbai (Municipal Corporation)	66.71	192.33	176.67	437.71
2.	Density of population as per Sq. Kms. (1991 Census)	45989	20730	15637	22640
3.	Population, Census of 1991	3159907	3996974	2762666	9909547
4.	Population, M. Y. E. 1992	3230569	4076130	2924464	10331143
5.	Total births Registered 1992 (pro)	64749	85437	60971	211127
6.	Birth rate per 1000 population census 1992.	20.5	21.4	22.0	21.3
7.	Rate M. Y. E. Population	20.0	21.0	21.6	20.9
8.	Death registered in 1992	34382	28535	17157	80074
9.	Death rate per 1000 population census of 1991.	10.9	7.1	6.2	8.0
10.	Rate M. Y. E. population	10.5	7.0	6.0	8.0
11.	Total Deaths among infants (under 1 year) 1992.	3419	4167	2397	9983

Sr.No.	City	Suburbs	Ext. Subs.	Greater Bombay	
12.	Infants death rate per 1000 live births.	52.9	48.8	39.3	47.2
13.	Maternal deaths rate per 1000 live births	0.5	0.2	0.2	0.3
14.	Maternal deaths	30	22	14	66
15.	Still births 1992	1682	2268	1917	5867
16.	Plague, Cholera, Small pox deaths.	--	--	--	--
17.	Tuberculosis death	5018	3156	1697	9871
18.	Death rate	1.6	0.8	0.7	1.0
19.	Acute Anterior Poliomyelitis deaths	8	16	2	26
20.	Death rate	0.0	0.0	0.0	0.0
21.	Diphtheria Death	1	--	3	4
22.	Death Rate	0.0	0.0	0.0	0.0
23.	Typhoid Deaths	38	31	25	94
24.	Death rate	0.0	0.0	0.0	0.0

FOOD SANITATION AND PREVENTION OF FOOD ADULTERATION

Food sanitation comprises of Control and Supervision over the Road Premises, where articles of food are manufactured stored and kept for sale. The food Establishment are also controlled from the point of view of the Prevention of adulteration of food. In order to improve the standard of Food, Sanitation, eating houses and bakeries are classified as Grade-I, II, and III depending upon the compliance with the conditions of the licence and other measures taken to maintain cleanliness and sanitation in the various trade operations and in the trade premises.

There is also system of medical examination of food handlers (cook and cookmates) in eating houses so as to prevent the spread of various diseases through articles of food.

DESTRUCTION OF UNWHOLESOME FOOD :

The work of destruction of unwholesome and unfit for human consumption food articles exposed for sale by hawkers and shopkeepers including those near the schools and markets etc. done by special squad appointed for the purpose.

Solid Articles of food including sweets (Kgs.)	Liquid food (Lts.)	∴ Vegetables (Kgs.)
254800	315956	75036

REGISTRATION OF BIRTHS AND DEATHS :

Under Births & Death Registration Act, 1969, it is compulsory to register the births and deaths. The information of live births, still-births and deaths is required to be given in prescribed forms to the Registrar within 21 days from the date of occurrence of the events. The name of the newly born child can be registered free of charge within 12 months from the date of registration of births and thereafter on payment of prescribed late fee and compounding charges.

The Medical practitioners and Heads of the Medical Institutions are required to issue medical certificate of cause of death in form No. 8. These forms are supplied by the Medical Officers of Health in the respective ward offices.

VITAL STATISTICS & CONTROL OF COMMUNICABLE DISEASES :

The statistics regarding Births and Birth rates, Deaths and Death Rates, infant mortality, infectious and communicable diseases, immunization, etc. are shown in the table No. 2 to 5.

Rats Control Work :

Integrated rat control with the employment of combinations of different measures was planned and executed. Total number of rats caught and destroyed was 521687. No rat was found plague infected.

Other anti-plague measures viz., flea destruction, especially through cynogassing of rat hole and clearing of areas was carried out.

CHOLERA : There was no case of cholera, Preventive measures such as anti-cholera inoculations, disinfection of well water, destruction of over ripe and rotten fruits, were continued as routine measures. 8631 persons were inoculated against cholera.

TUBERCULOSIS : T. B. control unit continued its activities during the year. Majority of hidden cases have been brought on the register. During the year 19007 T. B. cases were notified and deaths numbered 9871.

B.C.G. VACCINATION : In view of the new policy for B.C.G. vaccination in National T. B. Control Programme, all the new born Babies in Municipal and Private Maternity Homes are being given Neonatal B. C. G. Vaccination. The drop-outs and the children upto the age of 2 years, who are born outside Bombay and living in Bombay are also being immunized with B. C. G. Vaccination at the Maternity Homes or in the field.

Under the programme of B. C. G. training, more nurses and Jr. Health Visitors are being trained in B. C. G. vaccination at the B. C. G. Training Centre, Rajawadi Hospital Bombay.

B. C. G. CAMPS : To achieve more B. C. G. Vaccination coverage among the children, B. C. G. Camps are being held in slums and such areas where there is no facility for B. C. G. vaccination.

SEXUALTY TRANSMITTED DISEASES (V.D.) :

At the Municipal Anti-S.T.D. Clinic at Kamathipura, S.T.D. cases are treated confidentially with the latest methods of treatment after proper clinical diagnosis, confirmed by modern laboratory tests carried out at the clinic's laboratory. In addition, a Medico-Social Department comprising of one Male Medico-Social worker and one Female Medico-Social and supplemented by Health Visitor (Auxiliary Nurse) render necessary medico social services to the patient attending the clinic. This clinic is presently participating in AIDS screening programme.

S.T.D. Reference laboratory situated at Kamathipura Maternity Home premises, undertakes, Blood, V. D. R. L. and certification tests. Dark Ground, illumination for Treponema Pallidum and extends facilities to patients referred by general medical practitioners and medical institutions free of charges.

LEPROSY :

Acworth Municipal Hospital for Leprosy and its four G. B. L. C. Scheme affiliated to dermatology department of K. E. M., Nair and Sion Hospitals and at Square Garden Municipal Dispensary Mazgaon, carry out leprosy control work in Greater Bombay. From 1st April, 1992 the Hospital with its peripheral clinics is fully municipalised.

The hospital provides inpatient and rehabilitation services. The O. P. D. Services include diagnostic and treatment facilities, social service, physiotherapy, reconstructive surgery and laboratory facilities. Hospital also extends training to medical and paramedical under graduates and health education to various strata of the community. Hospital also participate activity in the National Programme based on Survey, Education and M.D.T.. in its project area i.e., Wards, E, F/S and F/N covering 12.5 lakhs population.

Besides, this 6 other voluntary organisation and 4 Supervisory Leprosy Units of Government of Maharashtra, also carry out leprosy control work in different parts of Greater Bombay through Municipal Dispensaries, health posts and municipal schools.

MOBILE HEALTH UNIT :

The Mobile Health Unit performed the following activities in the community during the year 1992-93.

1) Disease Survey of various Infectious Diseases like Infective Hepatitis, Enteric Fever, Malaria, Cholera, Polio, Measles, Mumps, D/V, Gastroenteritis, Meningococcal Meningitis, Chicken pox, T. B.

A total of 37,207 families houses were surveyed from April, 1992 to March, 1993 covering total population of 2,26,226 This number of population was surveyed for 573 number of various aboved mentioned diseases.

2) Health Drives and Immunization camps :

168 number of Health drives/camps were conducted in various areas mainly in slums and remote areas which were otherwise unreachable. A total number of 58,893 persons were immunized with injection T. A. B. C. 3,084 number of patients were examined and given medicines by Mobile Health Teams. Besides Health Camps were conducted where drugs were distributed.

3) U.I.P. (Universal Immunization Programme) :

Special Immunization programme was conducted during riots and Bob-Blasts as per the figures given below :-

OPV-I	166	DPT-I	136	DT	-- 1,123
OPV-II	117	DPT-II	114	TT	-- 1,777
OPV-III	135	DPT-III	115	Measles,	
				Below 1 year -	215
				above 1 year -	225

4) Other Cases Surveillance :

The Community Development Officer carried out Survey on Maternal Mortality, time Infant Mortality and Neonatal and infantile Tetanus and this reports are published Civic Journal from to time. All the Infectious diseases are reported in Public Health Department from various hospitals etc., and M.O.H. of the Ward takes further action.

5) Immunization against Rabies :

50 staff members of our Dog Squad were given Rabipur which included 12 Ist doses, 12 II doses, 8 IIIrd doses and 18 Booster Doses in the year 1992-93.

General Health Education is imparted through this department with the help of posters, health talks, community meeting in the slums.

VECTOR CONTROL :

Potential breeding places such as wells, cisterns, over head tanks, mill-tanks, storm water entrances and drains were checked periodically for detection and destruction of mosquitos. Necessary anti-mosquito treatments were rendered wherever required to abate the prevelance of Malaria.

Mosquito Nuisance : For controlling mosquitoes causing nuisance by breeding in large numbers, regular round of applications of insecticides were continued. Insecticidal fogging operations were also resorted to serve a dual purpose of anti-malaria and anti-mosquito operations.

Precautions against Yellow Fever : Campaigns against Aedes EGYPTA the vector for Yellow fever and dengue diseases was continued throughout the year.

House Fly Control : For abatement of fly nuisance and to check fly borne diseases regular anti-fly measures were continued throughout the year and were intensified during monsoon months.

Entomological Survey : Entomological Survey to assess and delimit the transmission of Filariasis by mosquitoes was continued during the year.

Malaria : Under the National Malaria Eradication Programme, Malaria Surveillance Scheme is divided into two parts, (1) Active Surveillance and (2) Passive Surveillance. In passive surveillance blood smears are collected from the patients suffering from fever and attending the Municipal Dispensaries, Municipal and Government Hospitals and other Charitable Institutions and from those treated by private Medical Practitioners wherever possible. In active surveillance Malaria Investigator visits house and collects blood smear from fever cases.

In the case of Indigenous cases, mass survey is carried out and if necessary, mass treatment is arranged to control transmission.

Filaria Control Programme : Filaria night control clinic is functioning at Khar Danda Village at night for collecting blood smears and for giving treatment to positive cases.

Vector density rate and infectivity rate are monitored by collecting and dissecting mosquitoes at various parts of suburban Wards.

Intensive Larviciding and thermal fogging are carried out when there is increase in the density rate as well as when infective mosquitoes are detected to prevent filarial transmission.

CEMETERIES :

There are in all 185 cemeteries in use in Greater Bombay, out of which 31 are municipal and remaining are of private bodies.

ELECTRIC CREMATORIUM :

There are four electric crematorium -- (1) Chandanwadi, (2) Sion, (3) Oshiwara, Andheri (West) and (4) Shivaji Park. They are opened round the clock for cremation on payment of necessary charges.

Permission for removal of dead body out-side Greater Bombay is issued at the Office of Executive Health Officer during office hours and thereafter at the residence of Zonal Dy. Executive Health Officers, Zonal Asstt. Health Officers and Medical Officers of Health of the Wards. Permission are also given by Heads of the all Municipal General Hospitals when dead body is to be removed by motor to places which can be reached within 24 hours after death.

MUNICIPAL LABORATORY :

To safeguard public health, samples of various food stuffs and samples of water from different parts of Greater Bombay were examined at the Municipal Laboratory.

The water sampling programme continued as usual and the sampling was done both in the morning and evening so as to collect samples from all the wards of the city.

Apart from the examination of samples of water, food, stuffs collected by Sanitary Inspectors and Food Inspectors, samples collected by the Food & Drug Administration and the B. P. T. authorities and samples of stores from Controller of Stores and samples from different department of the Corporation were examined. 21917 chemical exam. and 33279 Bacteriological exam. was done.

MAHA AXMI DHOBI GHAT :

At Mahaxmi Dhobighat in all 709 wash stones are provided to Dhobies for washing linen. Facilities such as water supply, electricity, land for drying clothes and Sanitary accommodation have also been provided. The stones are given on monthly rental basis to Dhobies for washing clothes.

SCHOOL HEALTH SERVICES :

Children attending Primary and Secondary Municipal Schools are examined at regular intervals by the Medical staff under Medical Officer (Schools) and ailing students are referred to various Hospitals and Dispensaries for diagnosis and treatment. The rectification of defects and Special appliances such as calipers, hearing aid and spectacles, etc. if needed are given free of charge or at nominal cost to the students of Municipal schools. Milk is also given to the ailing school children at School Clinics attached to the K. E. M. Hospital, Nair Hospital, Sion Hospital, Cooper Hospital, Juhu, Seth V. C. Gandhi & Seth M. A. Vora Municipal General Hospital, Rajawadi Ghatkopar and Harilal Bhagwati Municipal General Hospital at Borivali.

Health Education Scheme is implemented in all the Municipal School by giving talks, showing slides, etc., on the various Health subjects.

Impounding of stray cattles :

Stray cattles are seized and impounded in the Municipal Cattle Pound at Malad (West).

3294 cattle were impounded and 1739 prosecutions were launched. Rs. 15,32,149.00 were recovered by way of pound fees, transport charges and feeding charges while Rs. 1,69,105.00 realised by way of fines, by the Court.

MATERNITY & CHILD WELFARE SERVICES :

The Maternity and Child Welfare Services were rendered through 25 Municipal Maternity Homes, 11 Mat. wards attached to 11 Municipal General Hospitals and 39 Maternity & Child Welfare Centres. The scheduled strength of Maternity Beds was 1888. The number of deliveries conducted was 66873.

Milk was given free to the poor and needy expectant and nursing mothers, 3 months before and 3 months after delivery at the Maternity Homes. Poor mothers who delivered at their were also given help in the shape of milk.

Paediatric Centres were conducted at 8 Maternity Homes with a view (i) to providing a services to the community in which efficient effective and comprehensive Paediatric care can be given out-side the hospital, by promoting good growth and development, providing immunization facilities, teaching family and community health as also nutrition. (ii) to reduce the load of the hospital out-patients department by referring cases for different medical care and (ii) to provide a teaching field and education experience in urban centre to doctors nurse and allied workers.

FAMILY WELFARE PLANNING :

With a view to promote the small family norms, the instructions and guidance in spacing of births is given to married men and women and operation of male and female sterilization and loop insertion distribution of condoms and oral pills are done free of charge. Medical Termination of Pregnancy services are also available, free of charge in all Municipal Maternity Homes and General Hospital.

HEALTH POSTS :

With a view to render basic integrated health and family welfare services to the urban poor at a place within walking distance from the slums and other slum like areas where they live, the Bombay Municipal Corporation has located 124 health posts in existing Family Welfare Centres and Health Workers render service to pupulation through regular visits & follow up.

Welfare Sector Agreement of understanding have been signed with four Private Voluntary Organisations and more are going to be signed shortly. The four P. V. Os. are (1) Streehikarni (2) Bombay Mothers and Children Welfare Society (3) Nagpada Neighbourhood and (4) Worli Temple Trust.

We envisaged collaboration with P.P.A.I., I.M.A. S.P.A.R.C., Rotary Club, L & T etc.

A decision is also being taken to give some space to P.V. Os., to allow them to function better.

Kasturba Hospital for Infectious Diseases :

Admission and expenditure in Kasturba Hospital is as follow :--

Admission : 18128

Expenditure : Rs. 3,78,495,31

PHARMACY DEPARTMENT :

The Pharmacy Department at this hospital is under expansion to raise the production of I. V. Fluids, from 600 bottles to 1000 bottles per day to meet the requirement of I. P. Fluids of all other hospitals and maternity homes under Bombay Municipal Corporation.

IMMUNIZATION CENTRE :

334 persons were immunized against Diptheria, 1261 against Enteric Fever, 1261 against Cholera, 19 against Meningococcal Meningitis.

WARD LABORATORIES :

As required by the Bombay University, the Ward Laboratories have been started for recognition of House posts for post graduate studies.

INTENSIVE CARE UNIT :

To render prompt medical treatment, cases in acute condition requiring very prompt and Intensive care are admitted in Ward No. 11 of the Hospital. The total No. of patients admitted are 480 as against 580 during the previous year.

PAYING BEDS :

The paying bed facility is provided to those desiring the same voluntarily.

TEACHING :

Lectures in Infectious Diseases were given to 700 students including under-graduates of Allopathic, Ayurvedic and Homeopathic, Student Nurses, Nurses, Health Visitors etc. from various institutions in Greater Bombay. There were also given instructions in Nursing Management of Infectious Diseases.

MEDICAL RELIEF :**MUNICIPAL GENERAL HOSPITALS :**

The Public Health Department is running thirteen General Hospitals in the Suburbs and extended Suburbs. Details of the work done thereat is shown in Table No. 13.

DISPENSARIES :

New cases treated at the 159 dispensaries, and the total attendance was 45,48,974.

IMMUNIZATION :

B. C. G.-Vaccination, Polio, Triple, and measles to the infants and children are given free of charge at the Municipal Maternity Homes, General Hospitals and Dispensaries.

MATERNITY AND CHILD WELFARE CLINIC :

2,19,176 new cases were treated at the 39 Maternity and Child Welfare Clinics & Total attendance was 5,72,611 during the year 1962.

Municipal Eye Hospital, Kamathipura :

The total number of new cases and the total attendance at the out-patient department of this hospital was 53460. About 7958 persons were treated as inpatients in hospital and 1126 patients admitted, total 2227 operated, 1224 were operated in O. P. D. 946 major and 57 minor operations.

Ambulance and Hearse services :

Municipal Ambulance service is available at all Municipal General Hospitals in City and Suburbs. The services are available round the clock at the major hospitals. In other, cases, it is in two shifts from morning to evening. Ambulance services, are also available in Maternity Homes situated at Mahim, Deonar, Bhandup, Malad and Tagore Nagar, Vikhroli. Ambulance under the control of Fire Brigade is available for removal of cases of maternity and street accident (free) and non-infectious medical cases on payment within the limits of Greater Bombay.

Ambulance service at Sane Guruji Marg is available for removal of infectious disease cases free and hearse for removal of dead bodies on payment within Greater Bombay.

The services of hearse are also available on payment of prescribed charges at Juhu Hospital, Rajawadi Hospital, Mulund (W) Hospital, Borivali Hospital round the clock and at Maa Hospital, Chembur and K. B. Bhabha Hospital Bandra from morning to evening for removal of dead bodies in Greater Bombay.

Upgrades Dispensaries :

With a view relieving the general hospitals of the heavy load of patients and to provide better medical facilities 65 Municipal General dispensaries were upgraded.

Integrated Child Development Service Scheme :

In pursuance of the National Policy for Children, the Government of India have sanctioned the Integrated Child Development Scheme, integrating various services for the development of a child. The scheme is in operation in the slums of 'P' and 'R' wards, Dharavi and has been extended to Andheri slums recently.

The main aspect of the scheme is to deliver basic health services such as Immunizations, Health Check-up of children upto the age of 6 years and expectant and nursing mothers, health education, referred services etc. The entire expenditure on the scheme is borne by the Government of India.

EPI PROGRAMME :

Activities :-

The main activity is to cover all children for vaccination specially against Polio, Tetanus, Diphtheria, Pertussis, Measles and childhood Tuberculosis.

The Department also vaccinate the persons against Typhoid and Cholera in epidemics and also give Anti Rabies vaccine and on demand Meningococcal Vaccine.

In Office :-

Vaccine is procured from Government of Maharashtra and also from outside. The said vaccines are stored in deep freezers and walk in cooler (cold room) and then supplied to local M.Os.H. by van under cold chain.

Department also prepares the reports of performance by all wards and same is compiled and report is given to Director of Health Services. Pune and also to Commissioner of Immunization, Delhi.

At Ward Level :-

The vaccine received from S. V. office is stored in I.L.R. and supplied to Municipal Dispensaries Hosp. Maternity Homes, Health Posts and Private as well as Government Hospitals and Organizations. Medical Personnel attend to field services and conduct immunization and nearly all children under one year are covered.

When a cases of VPDS occurs, the residential area of the case is traced and survey is conducted in nearby area and the area is again covered by immunizing all children under 3 years are given 2 extra doses of Polio. A H.O.'s and M.Os.H. (EPI) visit various wards and hospital and dispensaries and supervise and check the Immunization Sessions, Cold chain maintenance and Registers.

They also train the concerned staff regarding immunization and given refresher course on update of immunization and given refresher course on update of immunization.

Department also conducts a coverage Evaluation Survey for counter checking the performance, update report of Polio cases.

Anti - Rabic Treatment :

Anti-Rabic Treatment is given at 14 Municipal Hospitals, private hospital, 1 Government Hospital and 17 Municipal Dispensaries. The Stray dogs are seized and destroyed by electrocution method if not retrieved within three days. Pet dogs are licensed by the dog licensing establishment of the Corporation. During the year 35,142 dogs were caught and 31609 dogs were destroyed.

Control on certain trades and Cinema & Drama Theatre :

Certain trades like hair dressing saloons, Panshops Laundries, etc., are controlled from Public Health point of view by imposing a licence under Section 394 of the B. M. C. Act.

Similarly cinema theatres, drama Halls, etc. are inspected to control them from public Health point of view under the "prevention of Maharashtra Cinema (Rules) Regulation 1953 and Rules for Licensing and Controlling places for public Amusement" respectively.

Health Education :

The citizens are educated in health education through put health film, posters, and other publicity media in matters of environmental sanitation, good habits for healthy living immunization etc. Special educational compaigns are arranged on various Health subject from time to time in slums.

REGISTRATION OF NUESING HOMES :

Nursing Homes require registration under the Bombay Nursing Homes Registration is issued on payment of the prescribed fees of Rs. 50/- (less than 10 beds) and Rs. 100/- (more than 10 beds) at the office of the Medical Officer of Health at each of the wards. Renewal of registration is done annually on payment of equal amount payable for the first registration.

LICENSING OF NURSES ESTABLISHMENT :

Nurses Establishment require licence under the provisions of the Bombay Nurses, Midwives and Health Visitors Act, 1954 and the Rules and Bye-laws passed thereunder. The licence is issued on payment of Prescribed fees of Rs. 100/- by the Medical Officer of Health of the Ward and is renewable every year in April. Failure to take licence is punishable with fine which extends to Rs. 250/- for the first offence and for any subsequent offence with fine which may extend to Rs. 500/- or with simple imprisonment which may extend to six months or with both.

INTERNATIONAL HEALTH CERTIFICATE :

Inoculation against cholera is done and duly authenticated certificates in approved form are issued at certain Municipal Institutions on payment of Rs. 25/- each.

Every traveller must produce his passport at the time of immunization and authentication. The Medical Officer may however, inoculate a traveller in the absence of a passport and keep the certificate with him by giving him an understanding that the certificate would be cancelled if he would not turn up within fifteen days of the inoculation.

Inoculation against yellow fever are given at the seamen's Medical Examination Organisation Nav Bhavan, Nicol Road, Karwar Street, Bombay - 1 and at Sahar Air Port.

PUBLIC HEALTH DEPARTMENT**INDIA POPULATION PROJECT -V****ADMINISTRATION REPORT OF I.P.P.V. FOR YEAR 1992-93**

Indian Population Project-V has been implemented by the Public Health Department with the financial assistance from the world Bank since October 1988. The project period will be over March 1995. The project aims at the strengthening and expansion of preventive and promotive health care services with special emphasis on Family Welfare and Maternal & Child Health with effective Out Reach Service to the door steps of urban slums and shanties through scientific organisational systems. The project also aims at (1) bringing down the mortality rates amongst children and mothers, (2) Promotion of Family Welfare services to accelerate decline in fertility and restricting population in growth rate.

The goal is revamping the organisation, service delivery and out reach systems for Family Welfare in urban slums and congested areas & the objectives are --

1. Expansion of Family Welfare Services with emphasis on Maternal & Child Health through various methods,
2. Improving the quality of Services,
3. Strengthening the capacity to plan, manage and implement Family Welfare Programme in urban areas.

4. Increasing the participation of Private Voluntary Organisation and Private Medical Practitioners in the programme.

This will be achieved by establishing 124 Health Posts under the project in addition to the existing 56 Health Posts under out reach system. Thus bringing the total number of Health Posts to 180, 30 P. P. Cs. will also be established under the project. Till date, 174 Health Posts, i.e., 118 under I. P. P. V. + 56 under O.R.S. have been established. During the year under report i.e., 1992-93 42 Health Posts were started. Similarly during the year, 11 P. P. Cs. were started bringing the total number of P. P. Cs. to 22. Out of 42 Health Posts commissioned during the year 1992-93 12 are in new construction. The total number of Health posts started in new construction is 30.

Table No. 15 shows the target & achievements of 18 indicators during the year 1992-93.

The other features of the project are management, information system cell, Information, Education and Communication Cell and Training Cell. Performance of these Cells during the year 1992 are given in Table Nos. 15, 16, 17 & 18.

During the year under report, Shri A. B. Maduskar, Dy. Municipal Commissioner and Dr. (Smt.) V. P. Desai Executive Health Officer continued to be the Project Co-ordinator and Project Director respectively.

Public Health Department

	Immunization	Total during 1992
Dippt. Tetanus	1st dose	24,121
	2nd dose	47,485
	Booster dose	32,289
Triple	1st dose	1,85,543
	2nd dose	1,56,001
	3rd dose	1,51,094
	Booster dose	1,71,609
Polio	1st dose	2,00,564
	2nd dose	1,62,282
	3rd dose	1,58,931
	Booster dose	91,695
T.A.B.	—	12,435
Cholera	—	8,631
Small Pox	Primary	—
	Re-Vaccination.	—
Tetanus Toxide	1st dose	2,58,870
	2nd dose	2,26,193
	3rd dose	18,210
	Booster dose	16,975
B.C.G. Vaccination		2,47,312
Measles		2,25,188

PUBLIC HEALTH DEPARTMENT
TABLE -- 1

Notifiable Diseases	No. of Cases	Deaths
1. Plague	--	--
2. Cholera	--	--
3. Small Pox	--	--
4. Diphtheria	13	4
5. Enteric Fever	350	94
6. Infectious Hepatitis	725	186
7. Tuberculosis	19007	9871
8. Meningococcal Infection	15	2
9. Typhus	--	--
10. Puerperal Fever	--	--
11. Interior Poliomyelitis	379	26
12. Influenza	--	--
13. Voris Encephalitis	--	--
14. Scarlet fever	--	--
15. Yellow Fever	--	--
16. Relapsing fever	--	--
17. Haemorrhagic fever	--	--
18. Leprosy	1448	19
19. Dague fever	--	--

Table -- 2
Deaths, and Death Rates from Epidemic and
Principal cases 1992.

Cause of Death	1992	
	Deaths	Death Rate
Small Pox	--	--
Measles	23	0.0
Plague	--	--
Enteric Fever	94	0.0
Influenza	--	--
Cholera	--	--
Malarial Fever	--	--
Diphtheria	3	0.0
OTHER PRINCIPAL CAUSES :		
Tuberculosis	9871	1.0
Meningococcal Infection	6	0.0
Disease of Nervous system	238	0.0
Disease of Respiratory System	9219	1.0
Dysentery, Diarrhoea Enteritis	1373	0.1
Purperial state	66	0.3
Congenital disability and Early Infancy.	3625	0.3
Senility without mention of Psychosis	2634	0.2
Accidental cases	7616	0.8
Other causes	45305	4.5
Total :	80074	8.0

TABLE - 3

Deaths among Infants from Principal Causes by age, Period 1992.

Age Period	Small pox.	Measles	Malarial Fever	Diarrhoea Dysentery Enteritis	Congen- ital Mal- formation disease early infancy	Diseases of Respira- tory system	Polio- myeli- tis.	Other causes	All cases	Percentage to the total of infants deaths
Upto 7 days	--	--	--	24	3050	411	2	1055	4542	45.49
1 to 4 Weeks	--	--	--	52	347	297	--	593	1289	12.93
Total under 4 weeks	--	--	--	76	3397	708	2	1648	5831	58.42
1 week to 6 months.	--	1	--	272	173	1068	1	1352	2867	28.71
6 months to 12 months	--	2	--	172	55	423	6	627	1285	12.87
Total under 4 weeks to 12 months.	--	3	--	444	228	1491	7	1979	4152	41.58
GAND TOTAL :	--	3	--	520	3625	2199	9	3627	9983	100.00

TABLE NO. 4

Infant Mortality from Principal Causes 1987 to 1992

Cause of death	1987	1988	1989	1990	1991	1987 to 1991 Average (A)	1992 (B)	Difference between (A) & (B)
Polomyelitis	63	11	19	21	4	24	9	15
Small Pox	--	--	--	--	--	--	--	--
Measles	3	97	34	4	7	29	3	26
Malarial Fever	--	--	--	--	--	--	--	--
Diarrhoea Dysentery Enteritis	1181	968	885	708	633	875	520	355
Congenital Malformation disease of early infancy	4533	3751	3625	3390	3084	3676	3625	51
Disease of Respiratory system	3089	2512	2160	1987	1909	2331	2199	132
All causes	12463	11593	10794	10486	10613	11189	9983	1206

Public Health Department

TABLE -- 5

CASES OF NOTIFIABLE DISEASES REPORTED IN 1992.

Ward	Enteric Fever	Diphtheria	Tuberculosis	Acute Interior Polio Myelitis.	Infective Hepatitis	Total
A	8	1	195	1	18	223
B	25	--	1420	2	27	1474
C	12	--	135	--	9	156
D	17	--	2223	3	24	2267
E	53	1	882	12	68	1016
F/S	74	--	1642	11	50	1777
F/N	17	--	646	34	48	745
G/S	88	--	1224	15	51	1378
G/N	5	1	3524	7	19	3556
H/E	6	1	468	11	36	522
HW	1	1	699	7	7	715
K/E	6	1	779	21	30	837
KW	--	--	239	8	7	254
L	8	1	352	10	26	397
M	7	--	1436	50	42	1535
N	--	1	647	13	28	689
P/S	--	--	371	16	13	400
P/N	4	1	577	10	21	613
R	3	--	847	24	36	910
S	2	--	478	7	13	500
T	--	--	223	5	4	232
Imported	14	4	--	112	148	278
TOTAL	350	13	19007	379	725	20474

NATIONAL MALARIA ERADICATION PROGRAMME

TABLE - 6

Appendix - C

	No. of fever cases detected	No. of persons given treatment	No. of blood smears			Found +ve	Parasite species				Persons treated Completely	Partially	Epidemiological classification				Un Treated	Classified
			Coll.	Exam.	Broken		V	F	M	Mix			imp.	Ind.	Relapsed	Induced		
1. ACTIVE :																		
CITY	56824	56824	56824	56824	--	788	651	123	--	14	495	9	127	497	--	--	54	110
W. Subs.	97253	97253	97253	97253	--	1024	711	298	--	15	639	5	315	477	--	--	49	183
E. Subs.	50636	50636	50636	50636	--	237	170	62	--	5	131	7	55	140	--	--	6	36
TOTAL :	204713	204713	204713	204713	--	2049	1532	483	--	34	1265	21	497	1414	--	--	109	329
2. PASSIVE :																		
CITY	115105	115105	115105	115105	--	6975	5942	981	--	52	4729	97	1276	3409	--	--	841	1449
W. Subs.	69112	69112	69112	69112	--	1562	1229	314	--	19	1142	39	505	394	--	--	288	295
E. Subs.	45282	45282	45282	45282	--	650	488	152	--	16	441	23	210	265	--	--	1245	1809
TOTAL :	229499	229499	229499	229499	--	9193	7659	1447	--	87	6312	159	2071	4068	--	--	1245	1899
3. MASS :																		
CITY	32253	32253	32253	32253	--	391	330	54	--	7	317	16	48	279	--	--	7	56
W. Subs.	9077	9077	9077	9077	--	118	65	50	--	3	99	7	14	94	--	--	--	10
E. Subs.	26452	26452	26452	26452	--	127	86	40	--	1	108	4	21	87	--	--	9	10
TOTAL :	67782	67782	67782	67782	--	626	481	144	--	11	524	27	84	460	--	--	16	76

NATIONAL MALARIA ERADICATION PROGRAMME

TABLE -- 7

Ward -wise Malaria Positive Cases with species and Classification for the year 1992

Ward	No. of +Ves	Malaria Parasite					Classification		
		V	F	M	Mir	Imp	Inde- genous	Ultra ced	Uncla- ssified.
A	1711	1610	90	--	11	231	1055	176	249
B	488	420	66	--	2	59	211	48	179
C	294	278	13	--	3	34	138	24	98
D	648	572	71	--	5	113	345	69	121
E	1280	1014	257	--	9	271	660	96	253
F/S	1493	1209	265	--	19	229	892	129	243
F/N	650	518	123	--	9	166	223	93	168
G/S	961	823	129	--	9	131	538	119	173
G/N	423	332	82	--	9	121	150	69	83
H/E	211	193	18	--	--	86	55	17	53
H/W	122	104	17	--	1	58	19	15	30
K/E	734	482	234	--	18	177	354	120	83
K/W	153	123	29	--	1	61	21	29	42
L	248	186	59	--	3	83	84	17	64
M/E	130	88	39	--	3	25	59	21	25
M/W	94	72	16	--	6	17	43	13	21
N	198	160	32	--	6	88	41	39	30
P/S	132	102	29	--	1	47	30	27	28
P/N	196	148	45	--	3	86	29	31	50
R/S	556	421	133	--	2	317	81	93	65
R/N	712	518	188	--	6	171	350	77	114
S	280	179	97	--	4	38	180	34	28
T	164	120	42	--	2	43	84	14	23
TOTAL :	11878	9672	2074	--	132	2652	5642	1370	2214

TABLE No. -- 8
Admission, Deaths & Average number of Kasturba Hospital, Sane Guruji Marg, Bombay -- 11.

Month	Chiken pox	Measles	Mumps	Anteri- or polio myeli	B-Hepa- titis	Infl- uenza	Chol- era	Diarr- hoea due to Gastro entritis	Pla- gue	Diph- eria	Ente- ric Fever	C.S. Fever	Typhus Fever	Erysi- elas	B. Dy.	A. Dy.	Who- oping cough	Other disea- eases	Total	Discha- rge	Dea- ths	Daily average.
January	571	7	19	20	31	--	--	98	--	--	14	1	--	--	--	9	--	389	1159	1124	35	262
February	905	29	33	35	46	--	--	119	--	1	21	1	--	--	--	8	--	449	1647	1690	38	436
March	920	40	33	47	50	--	--	124	--	--	31	2	--	--	--	13	--	610	1870	1823	47	463
April	739	42	32	48	76	--	--	119	--	1	16	2	--	--	--	19	--	517	1611	1582	39	427
May	371	45	18	41	46	--	--	155	--	2	20	--	--	--	--	28	--	512	1238	1194	44	332
June	161	64	10	41	89	--	--	148	--	1	21	1	--	--	--	14	--	470	1020	981	39	273
July	63	34	61	42	85	--	--	442	--	--	25	2	--	--	--	39	--	767	1560	1504	56	349
August	19	15	16	50	39	--	--	350	--	--	38	2	--	--	--	66	--	1026	1621	1547	74	419
September	23	22	13	32	98	--	--	238	--	1	49	2	--	--	--	36	--	1241	1755	1673	82	414
October	24	60	17	11	32	--	--	233	--	2	44	2	--	--	--	26	--	1326	1777	1708	69	378
November	42	55	29	5	88	--	--	238	--	3	32	--	--	--	--	12	--	1236	1740	1677	63	410
December	101	68	29	7	45	--	--	121	--	2	39	--	--	--	--	18	--	700	1130	1076	54	310
Total :	3939	481	310	379	725	--	--	2385	--	13	350	15	--	--	--	288	--	9243	18128	17488	640	373

TABLE No. -- 9

Admission from 1989 to 1992 at the Kasturba Hospital for infectious diseases.

year	Chiken pox	Measles	Mumps	C.S. Fever	Dipthe- ria	Infl- uenza	Who- ping cough	Enterric Fever	B. Dy. A. sen- try	A. Dy. sen- try	Gho- lera	Plag- us	Typhus Fever	Diarrh- oea & Vomitt- ing due to Gastro Entritis	Ante- rior polio Myeli- tis	B + ve Hepa- titis	Other disea- eases	Total arge	Death	Disch- arge	Daily average. No. of pts.
1989	4301	627	284	101	31	--	2	163	--	128	--	--	--	4074	478	1186	8533	19908	685	19223	398
1990	2861	764	364	58	25	--	4	814	--	516	--	--	--	608	425	1222	9333	20004	641	19363	401
1991	3259	525	297	32	15	--	3	560	--	317	--	--	--	2920	206	846	8468	17448	500	16887	361
1992	93939	481	310	15	13	--	--	350	--	288	--	--	--	2385	379	725	9243	18128	640	17488	373

TABLE -- 10

Average weekly cost per patient admitted at the Kasturba Hospital for Infectious Diseases.
Sane Guruji Marg, Bombay -- 400 011.

Particulars	1989	1990	1991	1992
Drug, Dressing & Disinfectants.	Rs. 60.69	Rs. 89.95	Rs. 61.11	Rs. 79.10
Diet	Rs. 51.59	Rs. 91.91	Rs. 63.07	Rs. 81.06
Cloting	Rs. 8.75	Rs. 10.99	Rs. 13.97	Rs. 4.69
Stores	Rs. 20.65	Rs. 20.65	Rs. 25.48	Rs. 15.05
	<u>Rs. 141.68</u>	<u>Rs. 213.50</u>	<u>Rs. 163.63</u>	<u>Rs. 179.90</u>

TABLE -- 11

Total cost per patient per day at the Kasturba Hospital for Infectious Diseases,
Sane Guruji Marg, Bombay -- 400 001 (Including establishment charges).

Particulars	Cost per Indcor patient	Infectious Hepatitis Out Patient Department
Diet	11.58	--
Stores & Linen	2.83	0.60
Drugs, Dressing & Disinfectants	11.30	0.06
Lighting, Miscellaneous	6.29	0.60
Repairs	7.33	--
Establishment	249.14	9.78
	<u>288.47</u>	<u>12.88</u>

PUBLIC HEALTH DEPARTMENT

No. MHU/2098/FS dated 6-1-1994

TABLE No. 12

Immunisation by Mobile Health Unit from April 1992 to March 1993.

1. IMMUNIZATION :		
1) D.T.	:	1,123
2) Triple 1st dose	:	136
IInd dose	:	114
IIIrd dose	:	115
Booster dose	:	--
3) Polio 1st dose	:	166
IInd dose	:	117
IIrd dose	:	135
Booster dose	:	--
4) T. A. B.	⌋	
5) Cholera	⌋	58,893
6) T. T.	:	1,777
7) Measles : Below 1 yr.	:	215
Above 1 yr.	:	225
8) Rabipur Vaccine.		
Ist dose	:	12
IInd dose	:	12
IIIrd dose	:	8
Booster dose	:	18
2. Health Drives	:	168
3. No. of film show audience	⌋	
4. Patients treated with folic acid	⌋	M.H.U. does not do this
5. Patient treated with Vit. A	⌋	
6. Special campaign for scabies.	⌋	
7. No. of families survey	:	37207
8. No. of population survey	:	2,26,226
9. No. of various communicabel diseases surveyed	:	573
10. Patients treated for various common ailments.	:	3,084

TABLE No. -- "13"

Work done of the Municipal General Hospitals under the Executive Health Officer during the year 1992.

Accommodations of Beds.	Khurshedji B. Bhabha Hospital, Bandra	Vishnu Prasad Nandraj Desai General Hospital, Santacruz (East)	Dr. R. N. Cooper Hosp., Juhu	Khan Bahadur N.K.B. Bhabha Hospital, Kuria	Diwalibai Mohanlal Mehta (MAA) Hospital, Chembur
Children Ward	63	27	60	36	20
General Male Ward.	60	75	195	95	28
General Female Ward.	80	75	175	65	11
Maternity Ward.	80	30	90	60	—
Septic & Gynaec. Ward.					12
Others.	100	44	—	50	4
Total No. of Beds.	383	251	520	306	75

	Annual Attendance	Daily Average	Annual Attendance	Daily Average	Annual Attendance	Daily Average	Annual Attendance	Daily Average	Annual Attendance	Daily Average
In-patients	21,668	398	60,897	167	1,56,293	428	46,657	128	19,279	52
Surgical Operation	31,715	70	10,069	34	17,548	75	2,887	917	1,656	57

	New Cases	Total Attendance	New Cases	Total Attendance	New Cases	Total Attendance	New Cases	Total Attendance	New Cases	Total Attendance
Out-Patients Deptt.	2,58,573	7,58,496	1,49,441	3,50,287	1,80,443	5,45,329	1,26,621	2,93,695	99,184	3,00,058

In patient remained on 31-12-1991	356	53	235	64	—
Admitted in 1992	21,668	12,764	26,468	9,493	—
Total No. of patients treated in 1992	1,73,188	12,817	1,56,293	46,657	—
Discharged cured	20,070	12,348	23,726	9,404	—
Otherwise	543	—	906	—	—
Died	671	291	1,678	168	—
In-patient remaining on 31-12-92	356	178	395	89	—
Daily Average (Out-patient)	3,017	1,168	592	1,150	1,000

Expenditure	Total Cost	Cost per pt.	Total Cost	Cost per pt.	Total Cost	Cost per pt.	Total Cost	Cost per pt.	Total Cost	Cost per pt.
	1,86,49,090	208.67	2,87,97,250	274.65	4,91,07,870	49.48	2,52,25,903	358.74	94,11,575	9.04

TABLE No. – 13

Work done of the Municipal General Hospitals under the Executive Health Officer during the year 1992.

Seth V. C. Gandhi and M.A. Vora Gen. Hospital Rajawadi, Ghatkopar	Shri M. W. Desai Memorial General Hospital, Malad (East)	Shri Harilal Bhagwati Hospital, Borivli	M.T. Agarwal Gen. Hospital, Mulund (West)	Municipal Gen. Hospital Mulund (East).	Sant Muktabai Gen. Hosp. Barve Nagar, Ghatkopar						
76	30	60	33	25	20						
35	35	90	116	25	20						
35	25	150	46	20	20						
120	30	35	--	20	40						
60	16	25	18	10	--						
243	--	10	12	--	--						
570	136	375	213	100	100						
Annual Attendance	Daily Average	Annual Attendance	Daily Average	Annual Attendance	Daily Average	Annual Attendance	Daily Average	Annual Attendance	Daily Average	Annual Attendance	Daily Average
1,46,946	402	36,779	102	85,608	334.54	48,158	132	1	60.89	20,060	54
13,435	45	2,117	7	16,382	44.88	7,118	24	869	6.03	488	1
New Cases	Total Attendance	New Cases	Total Attendance	New Cases	Total Attendance	New Cases	Total Attendance	New Cases	Total Attendance	New Cases	Total Attendance
2,00,144	6,00,432	59,601	2,62,202	98,498	3,88,898	69,972	3,11,934	62,992	1,81,253	94,927	2,26,302
352		54		71	strike period	1,132		31		52	
29,045		12,191		16,413		7,046		4,605		5,275	
29,266		1,62,202		16,413		3,60,092		1,81,253		2,31,481	
24,133		11,105		14,687		6,609		2,608		4,959	
3,209		4,14		--		580		720		250	
1,572		253		1,073		290		77		33	
352		125		221		173		44		52	
658		444		13,335		1,047		496		742	
Total cost	Cost per pt.	Total cost	Cost per pt.	Total cost	Cost per pt.	Total cost	Cost per pt.	Total cost	Cost per pt.	Total cost	Cost per pt.
6,19,24,472	257.00	56,08,327	45.5	34,82,939	438.64	4,51,98,567	98.62	1,15,42,555	209.78	1,08,98,965	242.80

TABLE No. -- 13 (Cont.)

Work done of the Municipal General Hospitals under the Executive Health Officer during the year 1992.

Municipal Centenary General Hospital, Govandi		Municipal Centenary General Hospital, Kandivali (West).	
	30		30
	30		30
	30		30
	30		25
	30		5
	38		—
	188		120
Annual Attendance	Daily Average	Annual Attendance	Daily Average
43,816	120	24,750	70
5,247	15	2,463	10
New Cases	Total Attendance	New Cases	Total Attendance
1,09,256	4,35,341	70,322	1,63,540
24		68	
13,020		7,228	
43,818		1,63,540	
12,530		6,315	
565		133	
304		133	
85		133	
1,208		545	
Total cost	Cost per pt.	Total cost	Cost per pt.
1,47,76,273	75.63	72,08,152.40	177.46

TABLE No. -- 14

Wardwise Confinements in Institution Greater Bombay during the year 1992.

Ward	No. of Institution	Total No. of Beds.	Mat. Beds	Live Birth	Still Birth	Total Confinements	Deaths among Mothers
A	17	1852	506	8010	224	8234	1
B	6	228	132	2202	47	2249	--
C	8	254	16	110	1	111	--
D	59	2148	728	9738	221	9959	4
E	18	4756	443	9602	317	9919	35
F/S	13	2944	485	16950	433	17383	28
F/N	34	1986	434	12655	325	12980	28
G/N	40	534	360	4908	99	5007	--
G/S	19	934	351	5681	110	5791	--
H/E	14	365	143	6707	105	6812	--
H/w	45	1240	510	11168	218	11386	--
K/E	46	1214	554	12336	250	12586	4
K/W	63	1808	797	13444	407	13851	12
L	16	509	173	7339	201	7540	5
P/S	25	376	286	7138	241	7379	2
P/N	49	5300	462	10799	199	10998	1
M/E	14	600	211	8145	166	8311	8
M/W	21	307	181	5210	161	5371	--
N	33	3560	504	16486	476	16962	7
R/S	22	737	242	8250	130	8380	--
R/N	37	1037	523	13381	320	13701	2
S	28	666	394	18104	146	18250	--
T	30	937	354	9089	236	9325	--
TOTAL	657	30292	8789	217452	5033	222485	144

**PUBLIC HEALTH DEPARTMENT
INDIA POPULATION PROJECT __ V**

TABLE No. -- 15
PERFORMANCE FIGURES OF 18 INDICATORS FOR THE YEAR 1992-93

Sr. No.	Indicators	Annual Target	Performance	% to Annual Target
1.	Sterilisation			
	a) Vasectomy	--	726	--
	b) Tubectomy	--	41210	--
	Total	53200	41936	79%
2.	I. U. D.	66110	48948	74%
3.	C.C. Users (Pcs.)	138790	65091 4686567 Pcs.	47%
4.	O. P. Users (Pkt.)	56860	89564 121,330 Pkts.	17%
5.	PANA (C)	284000	177771	63%
6.	PANA (M)	301000	129580	43%
7.	Vit. 'A'	323010	244381	78%
8.	ANC (Reg.)	295780	218401	74%
9.	D. P. T. (III)	270240	196522	73%
10.	Polio (III)	270240	205820	76%
11.	B. C. G.	270240	207512	77%
12.	Measles	270240	161404	60%
13.	T. T. (M)	295778	211850	72%
14.	D. P. T. (B)	226340	173515	79%
15.	Polio (B)	229820	175042	76%
16.	D. T.	222952	163096	73%
17.	T.T. (10 yrs.)	212825	201887	95%
18.	T.T. (16 yrs.)	222952	142071	69%

INDIA POPULATION PROJECT + V
F O L L O W – U P COVERAGE REPORT
TABLE No. 16

Period	Population Area	Population covered	E.C.	E.C. Rate per 1000	Family Planning Methods					Child below 1 year	Fully Immunised child below 1 year.	Fully immu. percent	
					Ster.	O.P. users	I.U.D. /Cu-T	C.C. users	Total EC using specific methods				C.P.R.
1.	2.	3.	4.	5.	6	7	8	9.	10.	11	12.	13.	14.
Jan. 1993 to March 1993.	Slum	4849378	788339	162	276372	24338	35926	63698	400334	50.7	95269	51450	54.0
					35.0	3.1	4.5	8.0					
	Non-Slum	2180585	475025	149	148976	12997	39625	57460	259058	54.5	41934	21393	52.3
					31.3	2.7	8.3	12.1					
	Total	8028963	123364	157	425348	37335	75551	121158	659392	52.2	137203	72843	53.1
					33.7	3.0	6.0	9.6					
October 1992 to December 1992.	Slum	1892765	308731	163	104272	8841	17779	29453	160345	51.9	--	--	
					33.8	2.9	5.8	9.5					
	Non-slum	1141146	176609	155	59604	5054	10163	16836	91657	51.09	--	--	
					33.7	2.9	5.8	9.5					
	Total	3033911	485340	160	163876	13895	27942	46289	252002	51.9	--	--	
					33.8	2.9	5.8	9.5					
July 1992 to September 1992	Slum	2474780	385921	156	113847	9748	19354	32031	174980	45.3	--	--	
					29.5	2.5	5.0	8.3					
	Non-slum	1397212	207542	148	62613	5396	10792	17849	96650	46.6	--	--	
					30.3	2.6	5.2	8.6					
	Total	3871992	593463	153	176460	15144	30146	49880	271630	45.8	--	--	
					29.7	2.6	5.1	8.4					
April 1992 to June 1992	Slum	2326375	365963	157	102670	8783	1766	28911	158025	43.2	--	--	
					28.1	2.4	4.8	7.9					
	Non-slum	1264531	178287	141	55091	4635	9493	15511	84730	47.5	--	--	
					30.9	2.6	5.3	8.7					
	Total	3590906	544250	152	157760	13418	27154	44422	242755	44.6	ERR	0	
					29.0	2.5	5.0	8.2					

PUBLIC HEALTH DEPARTMENT
INDIA POPULATION PROJECT--V

TABLE -- 17

Programme Implementation (Performance for the year 1992 of I.E.C. Cell.
CENTRAL OFFICE

Activities	1992
1. Film shows	570
2. No. of Beneficiaries	41930
3. Health Exhibition	309
4. Beneficiaries	19587
5. Health Talk	—
6. Special Programmes	109
7. Print Material distributed.	92687
HEALTH POSTS :	
1. Interpersonal contacts	—
2. Beneficiaries	—
3. Health Talks	11082
4. Beneficiaries	407847
5. Exhibitions	2232
6. Beneficiaries	141562
7. Video show	359
8. Beneficiaries	38968
9. ANC-PNC Activities	3843
10. Beneficiaries	115451
11. Special Programme	282
12. Beneficiaries	160582

INDIA POPULATION PROJECT--V

TABLE -- 18

Sub : Performance Report of the Training Cell, I.P.P.-V for the year 1992.

Year	Induction		Inservice		P.M. Ps.	
	Performance	Target	Performance	Target	Performance	Target
1992	3425	3353	1574	1176	258	300

**K. E. M. HOSPITAL & SETH G. S. MEDICAL
COLLEGE, PAREL, MUMBAI -- 400 012.**

HOSPITAL : HIGH LIGHTS :

I) Expenditure :

A) On In-Patients.	...	Rs.	18,64,77,675.30/-
On Out-Patients.	...	Rs.	4,56,60,348.19/-
B) Average Cost per :			
I) In-Patient per day.	...	Rs.	321.05/-
II) Out-Patient attendance.	...	Rs.	31.58/-

II) Results :

A) 1) Schedule Bed strength.	...		1,800.
2) Daily Average In-Patients in Wards.	...		1,604
3) Admissions including these brought over from the previous year -- 1991.	...		63,499
4) Patients discharged :			
i) As Cured.	...		49,494
ii) Otherwise	...		7,740
iii) Expired	...		4,914
iv) Remained in the hospital on last day of the year -- 1992.	...		1,496
5) Average stay of In-patients (In days)	...		9.44
B) 1) New Out-patients Attendance.	...		3,80,343
2) Daily average of New Out-patients.	...		1,276
3) Out-Patients New & Old.	...		14,73,522
4) Daily average of Out-patient attendance.	...		4,914
5) Casualty cases. (Medico-legal).	...		20,051
C) Operations :			
1) Major.	...		22,650
2) Minor.	...		40,187
D) Confinements :			
1) Booked Cases.	...		4,302
2) Emergency Cases.	...		284
3) Normal.	...		3,603
4) Abnormal.	...		983
5) Neenatal & Maternal Deaths :			
i) Maternal Deaths.	...		14
ii) Neonatal Deaths.	...		56
iii) Still Births.	...		137
iv) Premature live born Infants.	...		64

III) Specialised Treatments :

1) Artificial Kidney Department :

a) Peritoneal Dialysis.	...		374
b) Hemodialysis.	...		4,434

Specialised treatment contd		
2) I.C.C.U. Ward		
No. of Admissions.	...	2239
3) Open Heart Surgery.	...	699
4) Other Operations. (Heart)	...	814
5) Neuro-surgery Operations.	...	962
6) Sterilizations : Male	...	22
Female	...	1021
IV) Radiology :		
1) General Radiology.	...	92,130
2) Vascular Radiology.	...	17,928
3) Neuro Radiology.	...	1,928
4) Orthopaedic.	...	33,788
V) Blood Bank :		
I) No. of bottles samples collected from :		
1) Voluntary donors.	...	12,356 (12356)
2) Relatives -"-	...	11,271
3) Indoor voluntary donors.	...	554
4) Other Hospitals.	...	4,146
II) No. of bottles supplied	...	27,092
III) Total No. of grouping & X-matching.	...	87,808
VI) School Clinic:		
1) School children treated : New	...	2340
Old	...	11213
2) Total expenditure on clinic.	...	Rs.7,23,254.00
VII) Physio Therapy Department :		
Attendance at the Centre	...	13,777
i) Out patients.	...	6,976
ii) In-patients.	...	5987
Treatment given to :		
i) Out-patients	...	44,059
ii) In-patients.	...	1,38,537
3) Students admitted during the year	...	40
4) Students in the school	...	176
5) Students graduated during the year.	...	28
VIII) Occupational Therapy Department :		
1) Attendance of the patients.	...	21,477
2) Total Nos. of treatment given.	...	1,50,469
3) Students admitted in the school during the year.	...	40
4) No. of students in the school.	...	171
5) Students graduated during the year.	...	16
COLLEGE :		
1) Total expenditure on Hostel.	...	Rs.1,36,701.00
2) Revenue from Tution fees, Hostel rent.	...	Rs.51,85,105.63
3) Revenue from Post-graduate fees.	...	Rs.23,84,090.00

Students :

	<u>Male</u>	<u>Female</u>	<u>Total</u>
Ist M.B.B.S. (June -- 1992 Admn.)	104	78	182
Ist M.B.B.S. - Casual	3	3	6
IIInd M.B.B.S.	128	79	207
IIIrd M.B.B.S.	193	182	375
IIIrd M.B.B.S. -Casual.	6	7	13
B.Sc. (P.T.)	10	165	175
B.Sc. (O.T.)	11	165	176
Interns :			
June -- 1992	18	8	26
Oct. -- 1992	70	81	151
<hr/>			
M.B.B.S. Students and Interns.	543	768	1,311

The King Edward VIIth Memorial Hospital and Seth G. S. Medical College are functioning since 1925-26. The Hospital is the largest Civic Medical Institute in the City, fully modernised and well equipped with various Departments. The G. S. Medical College provides training facility in almost all the facilities of Medical and Surgery. Both the Institutions are managed by the Dean with assistance of Medical Personnel of high reputs and numerous para-medical and other staff well trained in the line.

OCCUPATION THERAPY SCHOOL & CENTRE :

Occupational Therapy Training School & Centre progressed well during the year -- 1992.

Staff members at present.	...	No. 46
Students at present on Roll.	...	Nos. 171
Students graduated during the year.	...	Nos. 16
Students admitted in the School for B. Sc. (OT)	...	Nos. 40
Students admitted in the School for M. Sc. (OT)	...	Nos. 3
Students passed M. Sc. (OT)	...	Nos. 06
Attendance of the patients.	...	Nos.21477
Total Nos. of treatment given.	...	Nos.150469.

Weaving, Winding, printing, carpentry, tailoring work & other activities were given to the patients as a part of their physical & mental restoration programme. Some of the needy patients were aslo paid for the work as a part of their Prevocational rehabilitation.

Weaving Activities : Weaving & winding work was given to the patients. Patients produced bandloom products like bed-sheets, towels, hankees, rung mats etc. This year the sale money amount to Rs. 15,333/- was credited to P.B.C. Fund of the K. E. M. Hospital.

Printing Activities : During the year Rs. 3,66,326/- worth printing work was done and amount collected Rs. 4,21,207.55/- (including last years due) was credited to P. B. C. Fund of K. E. M. Hospital.

Splints : Total 1499 splints were prepared and recovered for these were Rs. 43,333/- which was credited to the P. B. C Fund of the K. E. M. Hospital. In this year 60 orthoplast splints were prepared. The amount collected Rs. 41,820/- was credited to the P. B. C. Fund of the K. E. M. Hospital.

PHYSIOTHERAPY SCHOOL & CENTRE :

Physiotherapy School & Centre was started as a joint venture of Government of Maharashtra in the Municipal Corporation of Greater Bombay. For the last several years, the entire cost is borne by the Corporation. Seth G. S. Medical College has been granted extension of affiliation by the University of Bombay for conducting courses leading to B. Sc. degree in Physical Therapy from 1967 and M. Sc. degree in Physical Therapy from June 1978. Forty (40) students were admitted in August 1992. 176 Students are undergoing undergraduate studies at present. 28 students appeared for the final examination during the year. Ten students appeared for M. Sc. Physical Therapy examination out of which 5 passed. Nine students were registered for M. Sc. Physical Therapy during the year.

Several research projects are being continued at the E. C. I. Institute of Electrophysiology. Research papers dealing with clinical problems and of fundamental nature, were presented at the various conferences.

Following are the figures showing the services rendered by the department of Physiotherapy.

No. of patients.	...	13,777
No. of treatments.	...	1,82,596.

Details of statistics for 1992 :

	Patinets.	Treatments.
Orthopaedic, C.V.T.C. & KEM Hospital Indoor.	5,987	1,38,537
Electrophysiological studies.	814	
Out patients.	6,976	44,059

LIBRARY DEPARTMENTS :

The Seth G.S.M. College Library is one of the oldest and the largest library of the Municipal Corporation of Greater Bombay.

1) Total No. of books added to the library. (April 1992 to March 1993)	...	452
2) Total No. of books kept at the P. G. Counter (Reference counter)	...	3,199
3) Total No. of books kept at the U. G. Counter.	...	715

Computer is being used for the house keeping and cataloguing the books and important work.

DEPARTMENT OF PREVENTIVE & SOCIAL MEDICINE :

Department of preventive and Social Medicine at Seth G. S. Medical College undertakes the following activities :

- 1) Teaching Preventive and Social Medicine to undergraduate and post-graduate students.
- 2) Comprehensive health services to communities in the field practice area and immucisation services to areas adopted for Universal Immunisation programmes.
- 3) Research in the field of community health.
- 4) Special activities in the hospital and field practice area.

SERVICES:

Department of P.S.M. HAS adopted 3 communities :

i) Naigaon B.D.D. Chawls, population. for undergraduate training.	...	20,434
ii) BIT municipal Chawls, Lower Chawls, Parel. population.	...	5,060
iii) Malvani slum population, 8,500 for training of Interns.		

Administrative report of Naigaon Health Centre-1992.

I) Total No. of patients treated	...	4390
a) Total No. of New patients.	...	2384.
b) Total No. of Old patients	...	688
c) Total No. of B,M,C. employees treated.	...	40
d) Total No. of Under five Children treated.	...	627
e) Total No. of children immunized.	...	651
f) Total No. of patients referred.	...	135
g) Total population covered. (Naigaon BDD Chawl).	...	20484
II) Immunisation report :		
a) Ist primary dose (OPV & DPT)	...	54
b) II primary dose (OPV & DPT)	...	64
c) III primary dose (OPV & DPT)	...	78
d) Measles.	...	95
e) Ist Booster.	...	113
f) IInd Booster.	...	95
g) T.T.	...	79
III) Vit-A prophylaxis (6 months – 6 years)	...	420
IV) Health Education Activities :		
a) No. of mothers to whom Health Education given in UFC	...	590
b) No. of community meetings.	...	61
c) No. of youth group meetings.	...	18
d) Alcoholic Annoymous meetings.	...	42
V) School Health Services :		
A) Balwadi (2½ – 5 years) examination in Balwadi.	...	340
1) Total No. of children (2½ – 5 years) Examined in Balwadi.	...	340
2) Total No. of Balwadi Children found nutritionally normal.	...	312
3) Total No. of children found nutritionally malnourished.	...	28
4) Total No. of Balwadi children who were already immunized during Health check-up.	...	121
5) Total No. of Balwadi children who were immunized at Health Centre.	...	152
B) School Health Education (5 years-15Years) :		
1) Total No. of School children examined	...	462
2) Total No. of School children received Fe Folic.	...	438
3) Total No. of school children to whom Health Education given.	...	438
4) Health Education given through parents meeting.	...	12

VI) Morbidity Status among Under Five Children Attending UFG :

1) Respiratory illness/ENT	...	132
2) Diarrhoeal Diseases.	...	35
3) Malnutrition.	...	10
4) Skin diseases.	...	18
5) Vitamin Deficiency disorder.	...	25
6) Total no. of Underfive referred	...	25

VII) Morbidity status among Adults :

1) Respiratory illness/ENT.	...	134
2) Gastrointestinal Disorders.	...	45
3) C.N.S. disorders	...	8
4) Skin disorder.	...	27
5) Ophthalmology.	...	13
6) Miscellaneous.	...	117
7) Total No. of adults referred.	...	22

VIII) Morbidity status of Balwadi Children (2½ Yrs. - 5 yrs.)

1) Skin disease	...	20
2) Dental disease.	...	38
3) Ophthalmology.	...	4
4) Respiratory illness/ENT.	...	86
5) Worm infestation.	...	8
6) RMD.	...	1
7) No. of Referral.	...	8

IX) Morbidity status among School Children (5 Yrs. - 15 Yrs.)

1) Dental disorder.	...	209
2) Skin disorder.	...	69
3) Respiratory illness/ENT.	...	212
4) Ophthalmic Disorder.	...	24
5) Gastrointestinal Disorders.	...	63
6) Vitamin deficiency disorder.	...	36
7) Cardiovascular disorder (RHI)	...	4
8) CNS disorder.	...	5
9) Genitourinary disorder.	...	-
10) Miscellaneous.	...	2
11) Total no. of School Children referred.	...	80

X) Rehabilitation Services :

1) Total No. of women working at community based rehabilitation centre (i.e., Income generating scheme). i.e., No. of beneficiaries under income generating scheme.	...	14
2) Total No. of women benefited by self help programme for women. i.e., beneficiaries under vocational training and rehabilitation.	...	23
3) Total No. of children benefited under Education sponsorship.	...	15
4) Total No. of patient who were given counselling and referred to other social Institution.	...	157
Total No. of Home visit by M. S. W.		432
Total No. of Home visit by HV.	...	210
Total No. of Home visit by CHV.	...	1550

Other activities :

Reserch activities, workshops etc. conducted at Naigaon community.

1) Workshop for Adloscent girls on family life education.		
Total No. of girls attended.	...	20
2) Workshop for adolscent Boys on family life education.		
Total No. of Boys attended.	...	12

Admiistrative Report of F/S Diagnostic Centre from January 1992. to December 1992.

I) 1) Undergraduate Students Teaching Programme.		
A) No. of families distributed to undergraduate students.	...	180
B) Follow up visits to students families.	...	170
C) Councelling and referel services to student's families.	...	10
D) No. of Institutional visits organised for undergraduate students.	...	50
E) No. of cases organised for examination of undergraduate and post-graduate students.	...	170
2) Under Five Clinic :		
A) Total No. of undergraduate children registered.	...	124
B) Total No. of Children re-examined in the clinic.	...	432
C) Total No. of follow-up home visits.	...	82
D) Councelling & referral services.	...	54
E) Total No. of mothers attended health education.	...	457
F) Total No. of Mothers motivated for family planning.	...	154
G) Milk powder & biscuit distribution to malnutritional children.	...	25
H) Total No. of student nurses trained.	...	60
II) Lower Parel Community :		
a) Total No. of Immunisation camps organised	...	76
b) Total No. of parents attended health education.	...	1,140
c) Total No. of women motivated for family planning.	...	306
III) Naigaon Maternity Home :		
A) No. of families distributed to undergraduate students.	...	120
B) Total No. of children examined	...	360
C) Total No. of women given health education.	...	300
D) Total No. of women motivated for family planning.	...	89

Malavani Health Centre :

A) Curative Services : O. P. D.		
Male	...	13437
Female	...	22984
Child.	...	29459
		65780
B) Under Five Clinic : Referred to NRC Health Education to malnurished children Gr. II/III-2160.	...	86
		2160
C) Mother Craft Clinic :		
Total pts. registered	...	1771
Follow up visits.	...	4982
D) Scabies :Patients.	...	1663
Total families.	...	724

E) Leprosy :	New patients.	...	70
	Follow up treatment.	...	817
F) Tuberculosis :	New patients	...	487
	Old patients.	...	25
	Cured	...	51
	Defaulters.	...	147
	Deaths.	...	59
	Home visits.	...	1112
2. A) Immunisation :	DPT below 1 year	...	4594
	DPT above 1 year.	...	1615
	OPV below 1 year.	...	5299
	OPV above 1 year.	...	1693
	Measles below 1 year.	...	1202
	Measles above 1 year.	...	289
	BCG below 1 year.	...	1723
	BCG above 1 year.	...	32
	DT.	...	600
B) Injection (OPD) :	T.T.	...	3633
	T.T. (Mother craft)	...	2765
	Inj. S.M.	...	6714
	Inj. Inferon.	...	3367
3) Pathological Investigation :	Urine.	...	8448
	Stocl.	...	39
	Blood	...	9635
	Sputum.	...	437
	Malaria.	...	412
4) School/Health Programme :	O.P.D.	...	10239
	Periodic Health check-up.	...	2718
	Nutritional survey.	...	3218
			Pts.
5) Camps :	Dental camp.	..	1034
	Ophthalmic camp.	...	887
	Skin camp.	...	52
	Paediatric camp.	...	210
	E.N.T. camp.	...	89
	Surgery.	...	20
	Gynaec.	...	410
	F. P.	...	400
Family Planning :	T. L.	...	68
	MTP & TL.	...	77
	Cut.	...	113
	MTP Cut.	...	114

Family Planning :		Oral pills.	...	1740
		Condoms distributed.	...	53660
		Cut removal with TL.	...	Nil
		MTP in O.P.	...	02
		MTP.	...	Nil
		Cut removal.	...	19
		D & C with TL.	...	01
		D & C with Cut.	...	06
Universal Immunization Programme :				
Pregnant women.	T.T.	First dose.	...	7236
		Second dose.	...	8075
For children between	D P T	Below 1 year.		Above 1 Year.
6 weeks to 12 months	1st dose.	5190	...	466
	2nd dose.	4331	...	360
	3rd dose	3374	...	353
16-24 months.	Booster.	--	...	3144
For children between	BCG	4888	...	15
6 weeks to 12 months.				
For children between	Measles.	3438	...	357
9-12 months.				
For 5 years old	DT First (B)	--	...	453
children.	2 B-Second (B)	--	...	2705
	Booster.	--	...	Nil
For 10 years.	TT First	--	...	2569
Children	Second	--	...	Nil
For 16 years	T.T. First	2811.	Total ...	2429 (Six months
old children.	(Post injury)			to 5 Yrs.).
	Second	2616	Vit-A Prophylaxis.	
Number of a children completed the full schedule of DPT/Polio. BCG & Measles during the year.		...	3190	

Special Activities :**A) Health Check up for Employees :**

Total employees checked	...	1106
Total employees referred.	...	820
Total employees followed up.	...	839

B) Started 'Vaccine Preventable Disease Surveillance Unit' in Paediatric OPD.**C) W. H. O. Day Celebration.**

- 1) Seminar on WHO theme 'Heart Beat the rhythm of Health' on K.E.M. Hospital attendance 210.
- 2) Exhibition in K.E.M. Hospital and Malvani Health Centre.
- 3) Health talk centre attendance -- 300

4) Camp in Malvani Health Centre : Patient Screened --	2772
Patient Examined --	124
ECG taken. --	12
Referred --	28

5) Street play by youth in the community & centre and hospital.

D) Breast feeding week celebration.

Breast feeding week was celebrated from 2-8-1992 to 8-8-1992 at all the communities and in the college.

	Sessions.	Attendance.
Exhibitions.	5	177
Group discussion.	14	440
Students Seminar.	1	197

E) Organised First Convention of Maharashtra Chapter of Indian Association of Preventive & Social Medicine on 2-10-1992 and 3-10-1992.

F) Participation in M. C. H. updating workshop for District Health Authorities.

(G) Organised training programme for school teachers on control of Rheumatic Fever and Rheumatic Disease.

(H) Conducted training programme on Child to Child programme for FTMO and PHNS of IPP-5 project.

(V) Health Education :

- 1) Training of all incoming interns in techniques of health Education and introducing to the concept of I. E. C. Around 160 interns trained in 1992.
- 2) Organising H. Education Sessions in Hospital premises and in the community.
- 3) Health Education as intergral part of all the community services programmes.
- 4) Preparation/Procurement of I. E. C. material.

Programmes. (daily)	Sessions	Attendance.
1) STD, AIDS, Human Sexuality Skin/V.D. OPD.	42	956
2) Mother and child care :		
a) Antenatal Ward.	37	278
b) Post natal Ward.	34	263
3) Leprosy (Leprosy clinic)	32	110
4) Family Planning/Film shows Immunization.	26	828

Procurement of I. E. C. material :

Topics :	Types of Material	No.
i) T.B./Care of sick child	Flash Cards.	2
ii) a) Family planning, Nutrition	Chart exhibits.	6
b) 5 care	--"	2
c) Rheumatic heart disease.	--"	10
d) AIDS.	--"	18
e) Nutritional deficiency disease	--"	3
f) Spiritual dimension of health.	--"	10
Slides.		30

Special Programme :

- 1) Health Exhibitions : 4 (2 in K. E. M. Hospital, 2 in Schools)
- 2) Health Education Programme in diagnostic and Preventive camps held in community : 5.
 - i) 3 at Ganeshotsav Mandals, Chinchpokli, Deliaie Road, Parel during the festival.
 - ii) 2 in B. M. C. Schools, Baradevi and Trivenisangam.
- 3) Health Education talks given on All India Radio.
 - i) RF/RHD a discussion.
 - ii) Secrets of Healthy life (Promotive aspects of health) in 4 series, once a week held in November 1992.

Camps :

- 1) Scabies control programme held on David Sassoon Remand Home.
Education on personal hygiene and prevention of Scabies given to 225 inmates of the school.
- 2) Medical check up of nursery students at Shirodkar High School, Parel, Bombay. 250 parents of the children were educated on 12th, 13th October 1992. on Mother and child care, F. W. immunization and G. D. Monitoring.
- 3) School periodic medical examination for nursery students & students of 1st, IX & Xth Std.. at Dyaneshwar Vidyalaya, Wadala. Parents of these students were educated on MCH, immunization, RF/RHD, F. W. and nutrition. About 3000 parents and 250 school children were educated on these issues in September 1992.
- 4) Child to Child education drives.

Naigaon & F/S Communities :**1) Undergraduate Teaching Programme :****a) Family, distribution to undergraduate students.**

No. of Families distributed :	Naigaon	--	160
	F/S	--	180

b) Follow up visits to students families :

Naigaon	--	135
F/S	--	170

c) Counselling & Referral Services to students families :

No. of Families	Naigaon	--	43
	F/S	--	10

d) No. of Lectures taken for undergraduate students. -- 12

e) No. of Institutional visits organised for undergraduate students. -- 50

f) No. of cases organised for examination of undergraduate & post-graduate students. -- 170

COMMUNITY ACTIVITIES :**1) Community based Rehabilitation centre at Naigaon for needy women.**

No. of women working. -- 14

2) Organised two workshops on :

Family Life Education for youth groups.

No. of youths participated. -- 32

3) No of Community meetings :		
-- Naigaon.	--	102
-- F/S.	--	70
4) Al-Anon Meetings -- (Wives of Alcoholic husbands)		
No. of women attended.	--	42
5) Milk Powder distribution to Malnourished children.		
No. of children.	--	25
6) Educational sponership to needy School going children.		
No. of children.	--	15
7) Youth group programmes :		
a) Youth group meetings.	--	18
b) Self held programme (Youth women) :		
No. of beneficiaries in Voc. Training programme.	--	35
8) Family counselling & referrals .		
No. of families -- Naigaon	--	92
F/S	--	40
9) No. of immunisation camps organised at Lower Parel.	--	76
10) No. of conference attended.	--	2
i) Credit for grass root women lining self help groups to Banks in Maharastra-organised by Annapurna Mahila Mandal.		
ii) Urban health care -- organised by IA PSM (Bombay Chapter)		
11) No. of workshop atteded.	--	1
-- Making Home based workers visibale organised by voluntary woman group.		
12) Organised Health Exhibition of T. B. at K. E. M. Hospital main OPD.		

Workload of M.S.W.'s at Malvani--

Activities	Number
1) Under Fives O. P. D.	
-- Health Education to mothers of Malnourished children.	2160
-- Grade II and III malnourished children referred to Nutritional Rehabilitation Centre.	86
2) SCABIES BATH CLINIC :	
-- Patients given BB bath and Health education.	1663
3) ANTE NATAL CARE :	
-- ANC exercises and Health education given	1771
-- Home visits.	738
4) UNDER GICES CLINIC (GROWTH MONITORING)	
-- Health education & Home Visits.	249
5) HOME VISITS AND REFERRALS :	
-- Individual cases visited and referred to different institutions.	145
-- Cases helped in cash or kind.	18

6) WOMEN'S ACTIVITIES :		
-- Health education sessions for mother's of Balwadi children in the community (No. of sessions).	...	5
-- No. of mothers educated in the above sessions.	...	300
-- No. of Al-Anon meetings (Just started).	...	3
7) YOUTH GROUP ACTIVITIES.		
(Nav Youg Yuva Mandal)		
-- No. of meetings held with youth members.	...	28
-- Total No. of active youth members.	...	20
-- No. of Street plays prepared (Topics covered-Heart Diseases, Drug Addiction, AIDS).	...	3
-- Group participated in Street Play competetions.	...	2
-- No. of times the group performed the street plays in K. E. M. Hospital, Malvani Health Centre and Malvani community.	...	14
-- No. of AIDS awareness sessions taken for the youth group members.	...	5
-- No. of Youth Group members who attended the above sessions.	...	22
-- No. of Youth Group members who attended population education and sex education programme.	...	70
-- No. of Youth Group members who aranged Exhibition of AIDS in the Malvani Health Centre.	...	8
8) CHILD TO CHILD PROGRAMME :		
-- No. of classes adopted for teaching Child to child approach.	...	4
9) No. of conferences and Seminars attended.	...	2
ARTIST SECTION :		
1) Patients Photographs.	...	1744
2) X-ray, C.T., MRI etc. exposed.	...	6592
3) Specimens etc. exposed.	...	569
4) Books, chart, Graphs, Typed material exposed.	...	6328
5) Stencelling the carts, graphs, drawings prepared.	...	380
6) Functions photographs taken.	...	271
7) Slides prepared.	...	12937
8) Prints prepared.	...	7128
9) Colour photographs taken (Slides & Prints)	...	260
10) Microphotographs.	...	763
SOCIAL SERVICE DEPARTMENT :		

The total no. 8,339 cases were referered to the Social Service Department.

These cases are classified according to the different types of services offered to the patients, as follows :-

1) Social data.	...	1335
2) Case work.	...	937
3) Individual counselling	...	770
4) Marriage counselling	...	127
5) Family therapy.	...	103
6) Child Guidance clinic. (children with behaviour problems)	...	84
7) Medical aid.	...	1848
8) Material aid.	...	2007
9) Cases referred to the other agencies.	...	433
10) Discharge of patients.	...	79
11) Rehabilitation.	...	366
12) Railway concession. (Orthopaedic Dept. Patients).	...	150
13) Over stay of hospitalization:	...	100

Professional Activities :

Group Work :

Group meetings with patients as well as their relatives were arranged by M. S. W. s of various sections to educate them about Medical, Surgical faculties, facilities etc. as well as prevention.

Teaching Activities :

Supervision of Social Worker Students of Tata Institute of Social Science & Nirmala Niketan, Bombay.

Activities pertaining to prevention of the Diseases :

- 1) Exhibition in collaboration with P. S. M. Deptt., of this hospital was organized in C.V.T.C. on 'Heart Beat the Rythm of Health.'
- 2) Street play in collaboration with P. S. M. Deptt. of this hospital was organized in CVTC on Prevention of Heart Disease.
- 3) Poster were prepared to educate patients, relatives and masses about the Heart Diseases and it prevention.
- 4) Arranged two days talk on Epilipsy at Panvel on 17th and 18th August, 1992.
- 5) M. S. W. of Neurology Department arranged a play to educate the Epileptic patients about legal loop-holes in Marriage Act, for epioptic patients.
- 6) Health exhibition of T. B., Leprosy.
- 7) Slide film show in the ward on different diseases.
- 8) Cataract Camp organized for one month with the help of Lions' Club.

Other Welfare Activities :

- 1) Arranged toy library for child guidance clinic and Children wards. T. V., Video for Psychiatric Department was obtained through donation.
- 2) Arranged 'Maha Sankranti Haldi Kunkum' and Rakhi Bandhan for indoor female patients. Orchestra Programme by blind School for patients and staff was also arranged.
- 3) Distributed nutritional items, drinks and fruits to expectant mothers from neonatal ward & biscuits in ward 1, 2, 4, 10 & 19.
- 4) Arranged by donation Aeqhaguard Water Filter for Ward 1, 3 and 38. Donation of text Books for the reading room and prize distribution for school children of employee's children was arranged. Exercise books to employees were also distributed.

- 5) Distribution of hand towels to indoor orthopaedic patients was arranged.
- 6) Displacement of notice board to bring the awareness about current and latest information on disability, handicap & related topics of interest.
- 7) Felicitation of Donors was arranged with the motivation to boost the inflow of the donations and as a mark of respect and recognition to donors.
- 8) Library facilities for the indoor patients is provided.
- 9) Arranged the Best Servant Award for the cardiac Surgery Department.
- 10) Arranged Blood Donation Camp.
- 11) Debate, drawing, singing, rangoli competition in Paediatric Orthopaedic Wards.
- 12) Residential facility for the patient's relatives in the CVTC Basement.
- 13) Picnic organised for indoor Orthopaedic patients.
- 14) Collection of Waterbeds, Wheel Chairs and Adjustable crutches for respected banks.
- 15) Job placement and telephone booth for handicapped pts.
- 16) Organised series of lectures on hospital administration for all M. S. W.s of K. E. M. Hospital.
- 17) Donation of about Rs. Thirty Five Lakhs was raised for the poor and needy patients of Cardiac Surgery.
- 18) Lunch room 'Visawa' for patient's relatives has been opened.
- 19) The year ended with a Christmas party for the patients and staff of C.V.T.C.

DEPARTMENT OF ORTHOPAEDICS :

Department of Orthopaedics organised a C. M. E. on Knee Arthroscopy for the Engineers from M. E. Cell as well as Residents & Lecturers working in Municipal Hospitals.

The Crutch and Wheel-chair Bank are working in flu-gear.

The R. O. C. O. T. (Routine Theatre) has been shifted to 4th floor M. S. Building Trauma theatre in the morning hours has also been shifted to the 4th floor. The new 4th floor O. T. is well equipped with Central A.C. and Laminar Air flow. Ward 27 is shifted back to Old Orthopaedic Centre, the renovation is completed.

A new Rehabilitation Centre has been started at the Old O. C. for early and effective rehabilitation of disable patients.

ORGANISATIONAL ACTIVITIES :

- 1) Conducted (As National Co-ordinator) 'The First Indian Conference on Hospital Infections-Its prevention and control in collaboration with Hospital Infection Society U. K. and P. D. Hinduja Hospital.
- 2) Conducted a 'C.M.E. on Knee Arthroscopy' in collaboration with Medico-Electronic Cell of the M. C. G. B., at K. E. M. Hospital on 25th and 26th June, 1992. This C.M.E. was attended by Orthopaedic Surgeons, Orthopaedic Nurses & Electrical Engineers from all the Municipal Medical Colleges and Municipal Hospitals of Bombay.
- 3) Conducted Clinical Meetings at Sion Hospital (14th June, 1992) and Children's Orthopaedic Hospital (2nd August, 1992) on behalf of Bombay Orthopaedic Society.
- 4) Conducted 'Fracture Demonstration Surgery' for Fellows of the Bombay Orthopaedic Surgery at K. E. M. Hospital in November 1991 to September 1992.

Recognition and Honors :

- 1) Became founder Council Member of Hospital Infection Society India, March, 1992.
- 2) Became Executive Committee Member (incomplete charge of all clinical Meetings) of Bombay Orthopaedic Society in April-1992.

DEPARTMENT OF SURGERY :

The Department of Surgery consist of Six Surgical units, of them are headed by full time surgeons.

Clinical Services : The department manages the major emergency surgical admissions. It has an emergency ward which is situated next to casualty department. All serious pts. are treated here initially before shifted to other wards. This year there were total 10199 admission (697 deaths). This department also runs General Surgery OPD on every day.

This year a total No. 30262 patients were seen in OPD. In addition to these, department has division of Gastrointestinal Surgery which runs its OPD on Monday at 2.00 p.m. A total of 567 patients were seen in OPD this year.

The department has well equipped Operation theatres and various operations were carried out. In addition to routine operations, Laparoscopic surgeries were carried out by various surgeons.

	<u>Major Operations.</u>	<u>Minor Operations.</u>
J. M. T.	1190	1035
M. O. T.	1423	2525
Minor surgery theatre.	187 + 10832 : Total – 11019 Operations.	

The department also runs following clinics and services :

1) **Endoscopy :** Various diagnostic and therapeutic endoscopies were carried out in collaboration with department of Gastroenterology.

Upper GI Endoscopy : 6480 endoscopies.
(1400) Therapeutic procedures.

Colonoscopy. : 40

ERCP Therapeutic biliary & Pancreatic procedures : 108.

2) **Sports Clinic :** Dr. A. B. Samsi continues to run this unique clinic.

3) Homeopath clinic.

4) **Dermatosurgery Clinic :** this officers special services in collaboration with department of Skin/VD.

In addition to these department has isolation ward with 4 beds and an equipped operation theatre. Approximately 30 cases of gasgangrene and other requiring isolation were treated here in the last year.

Teaching : The department takes a majorload in training of undergraduate students in surgery and allied subjects. No. of lectures and clinics were conducted by all teachers during last year. The department also has 50 postgraduate students.

C.V.T.C. LABORATORY

The Cardio - Vascular & Thoracic Centre Laboratory has following Sections :

1. Clinical Pathology.
2. Clinical Biochemistry.
3. Histiopathology.
4. Research Section.

The tests which have been a carried out in the Laboratory during the year 1992-93 are as under :--

<u>Name of the Tests</u>		<u>No. of Tests</u>
1. Complete Haemogram (Haemoglobin, RBC, Total & differential count, PCV & ESR)	...	62,290
2. Urine	...	11,463
3. Stool	...	2,538
4. Sputum	...	4,316
5. P. S.	...	13

<u>Name of the Tests</u>	<u>No. of Tests</u>
6. M. P.	179
7. Plastiet	319
8. Fluid	114
9. Miss	23
10. LE	35
11. RBC	35
12. B. T.	178
13. C. T.	607
14. P. T.	8,633
15. Amylase	941
16. Cholesterol	4,640
17. Triglycerides	4,024
18. HDL - Cholesterol	742
19. LDL - Cholesterol	742
20. VIDL - Chol	742
21. APO - AI	337
22. APO - B	337
23. LIPO PROTIN ELECT.	--
24. LDH	209
25. LDHI	78
26. Chylomcrons	5
27. Prophyryns/Urobilinoges	17
28. Urine BJP	8
29. S. Protein RK EPP	16

Total numbers of Tests.	...	1,03,572
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HISTOPATHOLOGY SECTION :

	<u>Numbers.</u>	<u>No. of slides.</u>
1. Autopsy Specimen received	476	--
2. Surgical slides prepared.		3,509
3. P. M. Slide Stained		18,371
4. Cytology Slides Stained		1,026
5. Special Stains on P. M. & Surgical		764

IMMUNOLOGY LAB.

<u>Name of the Tests.</u>	<u>No. of the Tests.</u>
1) Immunoglobulin G	351
2) Immunoglobulin M	334
3) Immunoglobulin A	290
4) Immunoglobulin. E	45
5) Complement C3	1,173
6) Complement C4	326
7) C R P	297
8) Rheumatoid Factor (RA)	285

IMMUNOLOGY LAB.

<u>Name of the Tests.</u>	<u>No. of the Tests.</u>
9) Alfa-fetoprotein (AFP)	39
10) Serum & Urine Electrophoresis	100
11) T Cell function	3
12) Cryoglobulins.	10
13) Bronchoalveolar Lavage Cytology	53
14) CSF Immunoglobulin G	46
15) CSF C reactive protein	14
16) Polymorph Function test	3
Total	3,369

DEPARTMENT OF OBSTETRICS & GYNAECOLOGY :**Obstetric Cases & Operations :**

Total No. of Confinements	4,586
Total No. of Deliveries	4,586
Registered Cases	4,302
Unregistered Cases	284
Normal Deliveries	3,602
Abnormal Deliveries	983
Premature Deliveries	303
LSCS.	438
Breech	78
Face	10
Forceps Deliveries	143
Vaccum Deliveries	132
Twins	45

MORTALITY :

Maternal Death	14
Neonatal Death in full terms babies	56
Neonatal death in premature babies	36
Still birth	137
Full terms	73
Premature	64
P. N. M. Rate	49.93/1000

MATERNAL ABNORMALITIES/MEDICAL DISEASE WITH PREGNANCY :

Placenta Previa	32
Eclampsia	17
Pregnancy induced.	78
Heart Disease with Pregnancy	22
Cord prolapse	7
Accidental haemorrhage	74

Obstetric Operations :

Total No. of Obstetric Operations.	...	4,130
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MAJOR OPERATIONS :

	...	2,303
Diagnostic laparoscopy.	...	508
Hysteroscopy.	...	4
Laparoscopic tubal sterilizations.	...	716
MTP (Suction Evacuation) with Lap. T.L.	...	202
Abdominal (Puerperal) T.L.	...	310
Minilap T.L.	...	11
L.S.C.S.	...	389
L.S.C.S. (Elective)	...	53
Classical Caesarean Section	...	1
Aspirotomy with Lap TL	...	Nil
Exploratory Laparotomies.	...	65
Obstetric Hysterectomies.	...	3
Hysterotomy.	...	6
Miscellaneous.	...	35

MINOR OPERATIONS :

	...	1,827
Cervical cerclage	...	47
Dilation and Curettage	...	429
Check curettage	...	728
Fractional curettage/Endometrial Biopsy	...	30
MTP (Suction Evaluation)	...	141
MTP with Cut insertion	...	73
Aspirotomy	...	3
Vesicular Mole Evaluation	...	5
Emcredyl Instillation for IInd Trimester Termination.	...	172
Polypectomy	...	19
Cervical Biopsy	...	47
Vaginal Biopsy	...	1
Cryosurgery	...	2
Secondary Suturing of Abdominal wound.	...	70
Secondary Suturing of Episiotomy wound.	...	14
Outlet Forceps Delivery.	...	3
Internal Podalic Version.	...	5
Manual Removal of Placenta.	...	5
Assisted Breech Delivery.	...	23
Cone Biopsy.	...	1
I & D of Vulva Haematome.	...	8
Vaginal and Cervical Tear suturing.	...	Nil
Hymenectomy.	...	1

Haemoglobin Estimation for MTP patients.	...	446	
Blood Group Detection in M.T.P. patients.	...	446	
Blood group Detection in Antenatal OPD & Indoor patients.	...	5,226	
Rh Antibody Titre Detection in Rh Negative Patients.	...	291	
24 Hrs Urine Albumin.	...	8	
Platelet Count.	...	295	
R. B. C. Count.	...	21	
R. B. C. Morphology.	...	17	
Cell Indices.	...	10	
Differential W. B. C. Count.	...	2,581	
CYTOLOGY :			
Total No. of Patients.	...	13,468	
No. of abnormal smears.	...	139	
Mild Dysplasia.	...	20	
Moderate Dysplasia.	...	15	
Severe dysplasia.	...	12	
Carcinoma in Situ.	...	14	
Early invasive cancer.	...	21	
Invasive Cancer (Clinical).	...	57	
Trichomonas.	...	477	
Monilia.	...	557	
Condyloma.	...	42	
Chlamydia.	...	22	
Herpes.	...	4	
Haemophilus Vaginalis.	...	7	
T.B.	...	4	
Leptothrix.	...	1	
Microfilaria.	...	1	
POST PARTUM PROGRAMME SECTION :			
Tubectomy.	...	1,021	
Vasectomy.	...	22	
I. U. C. D.	...	871	
Oral pills Packets.	...	1,060	
Condom Pieces.	...	38,510	
M. T. P.	...	850	
ORAL CONTRACEPTIVE CENTRE :			
		O. Pills	IUCD
Total No. of New Cases.	...	57	829
No. of Cases Continuing at the end of the year.	...	491	4,772
No. of cases closed.	...	68	290

ORAL CONTRACEPTIVE CENTRE :

	O. Pills	IUCD
Laparoscopic Camps.	...	16
Health Education Programme conducted, information of Poster/display at P.N.C., OPD, Wards etc.	...	211
Film shows.	...	211
Audience.	...	17,796
Health Meeting & Health Talks.	...	47
Lap. Technique Trainees trained.	...	9
Covered Population for Survey.	...	11,234
Total No. of Research work conducted.	...	1
O. P. D. ATTENDANCE :		
Total no. of Gynaec. O.P.D. Patients.	...	13,526
Total No. of Gynaec. Indoor Patients.	...	2,708
Total No. of Obst. O.P.D. Patients.	...	5,835
Total No. of Obst. Indoor Patients.	...	8,443

SPECIAL CLINICS :

Family Planning, Leucorrhoea Clinic, Cytology.

MEDICAL RECORD DEPARTMENT :

The Schedule bed strength during the year was 1800. there was constant overcrowding in the hospital, particularly in children wards, and in the female surgical and Medical wards and Orthopaedic Wards, even after strict scrutiny and restrictions on routine admissions.

Death Classified : Out of 4914 deaths 1005 died within 24 hours of admissions, 870 after 24 hours but within 72 hours of admission and 3039 after 3 days or more from the date of admission. The figures are exclusive of 150 still births prematurity and Neonatal deaths. Deaths rate was 7.82% as against 7.46% during the last year.

Confinement and Abortions : Total no. of confinements was 4586 and that Abortion was 850 (Including M.T.P. also).

Medico Legal Cases : Resident Medical Officers attended the various courts for giving evidence in Medico-Legal cases, as follows :

Metropolitan Magistrate court.	...	180
Labour Court.	...	12
Session Court.	...	32
M.A.C.T.	...	115

Antirabic Vaccination given during the year :

New : 4,368 Old : 14,392 Total : 18,760.

Post-Mortem Notes : Post-Mortem Notes were issued to the different Police Stations and Coroner's Court during the year are as under :--

1) Police Stations.	...	200
2) Coroner's Court.	...	95

DEPARTMENT OF MEDICINE :**Principal Activities of the Department :**

Teaching : Teaching the nurses, Physiotherapy and occupational therapy students, undergraduate and post-graduate students of department of medicine.

Clinical : The department has six independent units which conduct out-patient days and have indoor beds for management of the full spectrum of diseases in internal medicine. In addition, specialised sections include weekly Rheumatology and Geriatric Clinics, specialised indoor facilities include a tetanus ward and a six bedded intensive medical care unit which is manned round the clock. In addition, the department has a fully equipped Radio-isotope laboratory which carried out different diagnostic work up for indoor as well as outdoor patients of entire hospital.

No. of New and Old OPD cases treated during the year 1992.

			New OPD cases.	Total OPD cases.
Medicine (General) ...	Male :		31,270	52,415
	Female :		21,145	58,139
				(Old Pts.)
Rheumatology & Arthritis. ...	Male :		301	687
	Female :		372	2,072
				(Old Pts.)
MICU. :	Tetanus :	..		159
	Medicine :	..		549
				<u>708</u>
No. of admission during the year :	Male :	..		9001
	Female :	..		5045
	M/Ch. :	..		49
	F/Ch :	..		23
				<u>14,118</u>

MICU :

During 1992, 708 patients are admitted to the MICU including 159 tetanus patients and 549 non tetanus patients. New equipment obtained included one volume cycled respirator and one ultrasonic nebuliser. Ongoing trials include use of Cefoperazone in serious hospitalised acquired infections.

RHEUMATOLOGY DEPARTMENT :

The Rheumatology clinic functioned on all Saturdays in the year 1992. A total of 529 new patients attended the out patient clinic. The projects that were completed during 1992 were :

- 1) Spectrum of vasculitis.
- 2) Esophageal transit time in RA.
- 3) Naproxen in Osteoarthritis.
- 4) A comparison of Brufen gel Vs Piroxicam gel in Rheumatoid arthritis.
- 5) Piroxicam Vs Tenoxicam in therapy of Rheumatoid, arthritis.

The ongoing projects from 1992 are :

- 1) Conclusion of HLAB 27 positivity with hieroglyphics.
- 2) Gastroscopy finding in patients chronically on NSAIDS.

An inter hospital Rheumatology meeting and case presentation was held at K. E. M. Hospital on 18th February 1992.

DEPARTMENT OF HEMATOLOGY :

The department of Hematology runs an outpatients clinic twice a week on Monday and Thursday from 9.30 a.m. to 11.30 a.m. During this, new patients are examined and investigated as well as follow up of old patients and their necessary investigations are done. Patients are also hospitalized when necessary.

The laboratory attached to this department carried out various tests required. Besides the hemogram, other tests done are bone marrow aspirations and biopsied, Hemolytic workup, Hemostatic workup, hemostatic work up and iron studies.

The following is the OPD attendance during 1992.

New patients.	...	1614
Old patients.	...	2225
Total :		3839

No. of admissions during the year :

Male	...	255
Female	...	72
Total	...	327

The laboratory perform various test on patients referred to the Department is as under :--

Hb	: 3,962	Retic	: 3,488	ESR	: 110
PCV	: 221	T WBC	: 3,668	Plat	: 3,140
McHc	: 327	D WBC	: 3,668	LE	: 10

Haemolytic Work up :

Hb7	: 663	Sickling	: 429
Hb 42	: 740	NESTROFIT	: 1127
Osmatic fragility	: 78	Total	3037

Iron Studies :

S.Fe. -- 542	T.S.	542
TIBC -- 542		
Sucrose lysis -- 34		
Ham's test -- 10		
S. Fenitin. -- 144		
Urine haemosiderin -- 60		
Total : 1900		

Hemostatic work-up :

PT	: 1480	TGT	: 24
PTTK	: 1621	Fraction VIII	-- 157
TT	: 6	Fractor. XIII	-- 23
S.T.	: 153	Miscell	76 Total : 3540

DEPARTMENT OF NEUCLEAR MEDICINE :

Sr. Nos.	Types of Scan	Total Nos.
1.	Liver Scan.	546
2.	HIDA Scan.	455
3.	Brain .	26
4.	Bone.	676
5.	B. M. Scan.	23
6.	Renal.	791
7.	Renal S. Colloid Scan.	50
8.	Thyroid Scan with 99 Mtc.	378
9.	Lung Scan.	310
10.	G. E. Times.	51
11.	E. T. Time.	59
12.	G. E. Reflux.	18
13.	D. V. Thrombosis study.	10
14.	Abdominal Scan.	12
15.	Vesicouretric reflux study.	15
16.	I. V. Cava Gram.	2
17.	Testicular Scan.	1
18.	Parotid Scan.	3
19.	SPECT.	1
Total :		3427
Thyroid function Test :		
1.	I 131 Thyroid Uptakes.	489
2.	Thyroid scan with I 131.	356
3.	I 131 Therapy.	116
Total :		961
No. of old thyroid patients.		3,829
No. of New thyroid patients.		1,077
Total No. of investigations and treatment done.		4,388

GERIATRIC CLINIC :

The geriatric clinic carried out the following activities :

A) **Enrolment :** 1) Phase I : Enrolment for the age group 75 and above started -- January 1992.

2) Phase II : Enrolment for the age group 60 and above started -- April 1992.

3) **Additional Morning OPD :** Started on each Tuesday in OPD 105 at 8.30 a.m. onwards.
(Friday in OPD at 1.30 p.m. in OPD 106 onwards).

4) **Enrolment :** Out station : 6

Preventive Gerontology : 60

and above : 90.

- B) World Geriatric Day Celebrations : The Geruateuc Clinic participated in celebrations on Oct. 1st by
- 1) Creating an awareness in the hospital campus by displaying posters.
 - 2) Lecture on Health Education to the Flderly - Started by Dr. R. D'souza.

DEPARTMENT OF MEDICINE :

The clinic is based on the awareness that lipid prefile is important as an independant risk factor in the cauation of atherosclerotic vascular disease a) Clinical examination b) Standardised laboratory investigations, monitoring, treatment, advise and follow up are done in relavant/referred cases of ischaemic heart diseases, hypertension, diabetes mellutis and those with strong family history of IHD. 119 patients have registered daily in the year.

PLASTIC SURGERY DEPARTMENT :

1) Emergency cases referred from Casualty.	...	2,779
2) Referrals from other department.	...	834
3) Old OPD patients. (F.U.).	...	5,077
4) O. P. D. Dressing.	...	2,915
5) New O.P.D. patients.	...	3,479
6) Indoor Burns patients.	...	179
7) Routine Operation.	...	1,169
8) Indoor patients.	...	716
9) Emergency Operations.	...	1,762

Residents' Strike, renovation and painting of burns wards, paintaing of P. S. T. during early part of the year and riots towards end to the year affected the indoor admissions.

From January onwards, an additional OPD on Tuesday afternoon has been started. Follow up of patients and OPD dressings are also now done in the OPD on Tuesdays and Thursdays. Also female burns above 50% B.S.A. are now directly admitted under care of this department in burns wards.

DEPARTMENT OF BIOCHEMISTRY :

Principal Activities of the Department :

A) TEACHING :

		No. of Students
Undergraduate	Ist M.B.B.S.	180
	F.Y.B.Sc. (OT/PT)	80
	S.Y.B.Sc.	40
Postgraduate	D.M.L.T.	10
	M.Sc.(Part-I)	12
	M. Sc. (Part - II)	12
	M.Sc. (Research)	10
	M.Phil.	Nil
	Ph. D.	3

} — Bilochemistry

All facilities of teaching are available.

Clinical Services :

The Central Clinical Biochemistry laboratory caters to biochemistry investigations of the entire hospital.

<u>Investigations</u>	<u>Total</u>
Electrolytes.	
Auto : Na + K + Cl. HC03.	1,71,916
Manual : Na + K +	79,747
SMA 6	
(BUN, T. P., T. Bill, D.Bill, Alb. Creatinine).	1,68,138
Sugar : AUTO. & Manual.	34,829 & 36,378
Calcium .	5,371
Phosp.	5,445

Investigations

	Total
Alkaline.	9,458
SGOT/SGPT.	73,088
Cholestrol.	4,640
Trigl.	4,024
Barbiturate.	99
Prothrombine Time.	8,622
B. U. N.	13,518
Amylase.	941
Creatinine.	1,135
Proteine/Albimine.	14,899
Bilirubin.	14,577
Uric Acid.	1,877
Express - 550; Auto : BUN, Cr. TP, Alb.	1,42,510
Total	7,91,911

DEPARTMENT OF NEPHROLOGY :

Principle activities of the Deptt. :

Training :	Post-graduate	...	D.M. & Diploma of Nation Board in Nephrology, & M. D. Medicine. M.Sc. Ph.D. (Applied Biology)
	Under-graduate	...	M.B.B.S. Physiec & Occupational Therapy.

The Department was recognised as an independent postgraduate department for D.M. Course in Nephrology and since then a total of 6 students have completed and 5 students have been registered for D. M. Course in Nephrology. The training programme for nurses, technicians and students of Nephrology biotechnology from other Institutions is being conducted as usual.

Clinical :

The Department carried out its O.P.D. services in the following 4 out patients that it runs.

1. The Renal Clinic an important compnent which looks after the preventive aspects of renal diseases and renal failure continues to run by appointments on Monday.
2. The Special Renal Diabetic Clinic continues to be run once a week on Thursday afternoon and has been proved very useful in provention and early detection of diabetic renal diseases. In addition two more out patient sections have started functioning in the department.
3. The Nephrology OPD is run on Tuesday morning between 9.30 a.m. to 12.30 p.m.
4. The Renal transplant Clinic is run on Thursday morning between 9.30 a.m. to 11.30 a.m. In these clinics bacteriology of urine, diet advise, certain immunological investigations are being done on the spot. The biochemical profile of these patients is obtained on regular basis for renal package studies being carried out by Lab No. 44 as in the previous study year.

The Indoor patients of the Department have a total of 34 beds. Besides this, there are 2 dialysis theatres with 10 dialysis tables.

No. of New & Old OPD Cases treated during the year :

A total of 7,746 patients were seen in the above various Out-patient clinics run by the department.

	<u>New</u>	<u>Old</u>
1. Renal Clinic & Diabetic Clinic	342	3660
2. Renal Transplant Clinic	22	960
3. Nephrology OPD	899	1862
Total	1,264	6,482

A total of 1,258 admissions were done distributed over 34 beds. It may, however, be noted that a large number of dialysis were done on out-patient basis and then admitted in Day Care beds.

No. of Investigations carried out in the Laboratories :

In the Applied Biology Laboratory attached to the Department, the following investigations were carried out :

1. Urine culture and sensitivity.	...	4111
a) Mid-stream and urine and catheter samples.	...	4019
b) Bladder puncture samples.	...	92
2. Blood Culture.	...	290
3. Miscellaneous cultures.	...	1,531
i) Pre- & Post dialysis peritoneal fluid.	...	993
ii) Miscellaneous (Catheter tip, Swab from wound, Ascitic fluid, sputum, drain etc.)	...	538
4. Immunoglobulin estimation & C3, C4	...	34
5. Australia Antigen / Antibody :		
i) RPHA method.	...	-
ii) Elisa method.	...	319
iii) RIA method.	...	-
6. Fine Needle Aspiration Cytology.	...	380
7. Haemogram.	...	7,839
8. Urine analysis. - Routine	...	5,024
- 24 hrs Protein	...	1,951
9. Stool routine / microscopic.	...	134

Bio-Chemistry Section :

1. Renal Profile (BUN, Creat, Na +, K +, Chloride, Bicarb, protein, albumin)	...	11,983
2. Liver function tests (SGOT, SGPT)	...	2,279
Total bilirubin, Direct bilirubin.	...	11,983
3. Bone Profile (Calcium, Phosphorus, Alk, PO ₄ ase).	...	1,952
4. Serum & Urinary Uric acid.	...	764
5. Blood Sugar.	...	3,114
6. Creatinine clearance.	...	292

No. of Operations carried out are as follows :

Minor Operations :	Kidney biopsies	...	163
	Fine needle Aspiration Cytology.	...	150
	A-V Shunts.	...	310
Major Operations :	Hemodialysis.	...	4,434
	Peritoneal dialysis.	...	374
	Total	...	4,808
	Plasmapheresis.	...	36
Very major operations :	Kidney transplantations.	...	22

These patients on an average needed dialysis for a period of 3½ months in preparation for transplant and were looked after in the Intensive Care Unit for a period of 3-4 weeks each after transplant.

DEPARTMENT OF ENDOCRINOLOGY

Principle Activities of the Deptt. :**Teaching :**

Undergraduate students were given a course of lectures on endocrinology every three months to the final year students doing 2 Medicine terms.

Post-graduate : A detailed ward round was taken by all departmental members on every Wednesday. The other teaching activities were :-

- a) A Journal review club once a week.
- b) A seminar review once a week.
- c) A case presentation by D. M. candidate.
- d) Discussion of cases attending the Endocrine OPD including Puberty & Growth Clinic every Friday and Saturdays.
- e) Inter-hospital Endocrine clinical meeting once a month.

Patient Service :

	<u>New Patients</u>	<u>Old Patients</u>
Diabetic Clinic.	1,052	9,827
Thyroid Clinic.	1,577	3,829
Puberty & Growth Clinic.	486	1,055
Total :	3,115	14,711
Total Admission ---	292.	

Workload of the laboratory :-

Blood Sugar.	...	14,296
Haemoglobin.	...	751
WBC - T.	...	110
D.	...	110
ESR.	...	792
Urine Routine.	...	700
Urine Osmelality.	...	100
T4.	...	2,800
T3.	...	2,853
TSH.	...	2,956
FSH.	...	250
LH.	...	212
Prolactin.	...	268
Testosterone.	...	158
Acid Load Test.	...	13
Creatinine Clearance.	...	32
24 hours Urine Protein.	...	15
Dashe's dehydran test.	...	10
Bar Body.	...	42
HbA1 C.	...	170
Growth Hormone.	...	40
Cortisol.	...	40
AMA.	...	250
TOTAL	...	26,968

DEPARTMENT OF UROLOGY

During the year 1992 there were 2242 patients treated as out patients and 974 were admitted for Indoor management. The total No. of 2132 operations were performed during the year 1992. 1768 Endoscopic procedures including 1347 Diagnostic Cystoscopy were performed. Kidney Transplant procedure were 22 and PCNL & PCN (95). The teaching programme included regular Undergraduate lectures for all the 3 terms. Post-graduate teaching was in the form of clinical case presentation, bed side discussions, ward rounds, inter departmental meetings with Radiology & Nephrology, Journal reviews were conducted for Postgraduate student. Acquiring a new T. V. monitor video has helped to screen various surgical and radiological techniques from video cassettes obtained from time to time.

The participation of various members of department in Academic conferences, workshops and meetings included nine presentation of papers in Zonal and National Urology conference in January and December 1992. Kidney Transplant operations was video recorded by a tech from BBC. A team from Jaipur consisting of Urologists, Anaesthetists and Nephrologists visited the department for learning renal transplant surgery.

The Andrology and Urology Laboratory attached to the department has carried out large number of investigations and helped in patients care. New Technique of detection of sperms antibody will be started soon. An Ayurvedic drug trial for male infertility is being evaluated.

Under centre of Excellence the training of trainers in standards of male and female sterilization, 3 workshops were conducted. One hand on training in Microsurgery was also conducted in January 1992.

"Completion of 200 numbers of Live Related Donor Transplantation of Kidney (LRDT)" was important landmark.

O.P.D. attendance :	...	Male	Female	M/child	F/child	Total
Urology O.P.D.	...	947	302	9	5	1263
Urinary Stone OPD.	...	349	98	7	4	458
Infertility OPD.	...	521	—	—	—	521
					Total	2,242
Admissions.	...	785	150	29	10	974

The Urology OPD attendance showed significant increase from 765 to 1263. The attendance of Infertility OPD is marginally less. This may be due to MARD strike in the beginning of the year and unrest in the city for last months.

DEPARTMENT OF UROLOGY :

Operative Work

Open Surgeries

Major:

Kidney Transplant.	:	22
Prostatectomy.	:	09
Pyelolithotomy.	:	66
Ureterolithotomy.	:	22
Nephrectomy.	:	18
Ureteric reimplantation.	:	08
VVF.	:	04
Heminephrectomy.	:	02
Stress Urinary Incontinence.	:	03
Radical Cystectomy.	:	03
Continent Urinary diversion.	:	03

Orchidectomy focry cryptorchidism.	:	06
Ureteroplasty.	:	37
Hilar clearance.	:	03
Open kidney Biopsy.	:	01
Ureteric complication.	:	01
(exploration) Post URS.	:	
Renovascular surgery.	:	03
Phaechromocytoma.	:	02
Hypospadias.	:	08
Pyeloplasty.	:	15
Minor :		
Cystolithotomy.	:	10
Miscellaneous.	:	12
Andrology :		
VEA.	:	21
V V A.	:	09
Varicocele.	:	32
Testicular Biopsy.	:	28
RcBVH.	:	02
Penilevain ligation.	:	01
Retroperitoneal exploron.	:	01
		<u>352</u>
Endoscopic Operations :	Total	<u>1,768</u>
Diagnostic.	:	<u>1,347</u>
Transurethral :		
TURP.	:	106
TUIP.	:	16
VIU.	:	84
Endomeatotomy.	:	05
TURB.	:	11
		<u>222</u>
P.G. Nephroscopic (Percutaneous) :		
PCN.	:	23
PCNL I.	:	39
PCNL I/II.	:	33
		<u>95</u>
Ureterorenoscopy.	:	36
Others :		
Cystolithotomy.	:	11
Bulbgram.	:	14
D-J Stanet.	:	21
Puvfulgitation	:	02
Prostatic stenting.	:	18
'Z' sling.	:	02
		<u>68</u>
Miscellaneous.	:	12

Workload of the Urology Laboratory :

Sr. No.	Test	Total.
1.	Urine Culture (OPD)	1350
2.	Urine Culture (Ward)	693
3.	Urine Routine	139
4.	Haemogram	630
5.	Semen Analysis	1157
6.	Testicular Biopsy.	76
TOTAL :		4045

DR. K. K. Datey Department of Cardiology (Unit-II) :**Principle Activities of the Department :****Post-graduate Teaching : Clinical work, Training for B.Sc./****M.Sc. OT/PT and B.Sc. (Nursing)**

No. of admissions.	ICCU	...	2,239
	Ward	...	2,450
No. of investigations carried out	ECGs.	...	14,979
2-D Echocardiograms.		...	6,415
Holter monitoring		...	134

OPD :

New Patients.	...	10,143
Old Patients.	...	17,835

No. of procedures done : Cardiac Catheterization machine started in April 1992 and cine filming facility became available after June 1992. Moreover the old Philips Cath. lab. was breaking down every now and then and hence the total number of angiographies done is less than usual load. On this machine the following procedures were done.

Cardiac catheterization and Anaigography		323
Interventions.	...	229
Pacemaker implantation	...	26

Rehabilitation Programme : Occupational Therapy.	...	2,212
Physiotherapy.	...	2,900

DEPARTMENT OF E. N. T.**Principle activities of the Department**

A) **Teaching Programme :** For under-graduate & Post-graduates, Clinics, Seminars for students etc. was regularly implemented.

Clinical Cytology : Vertigo.

Head & Neck Cancer/Swelling.

Tonsillitis, Septorhinoplasty.

Recent advances in Otorhinolaryngology.

Nasal Sinus endoscopies.

No. of New O.P.D. 20,401. No. of Admissions 2,776.

No. of investigations done :

No. of Audiogram	...	3,448	Audiogram follow up	...	1,545
Special Test.	...	1,400	BERA	...	383
Speech Cases.	...	225	Glycerol.	...	60
Speech follow Up.	...	2,551	Inpedance. : Machine gone for repair.		
E.N.G.	...	208			

2 Work-shops were conducted Viz.:

- i) XVIth Temporal Bone Microsurgery Workshop.
- ii) XIIth Neurotology workshop.

DEPARTMENT OF CHEST MEDICINE AND ENVIROMENTAL POLLUTION**RESEARCH CENTRE :****A) Teaching Activities :**

Regular teaching of undergraduate, Post-graduate for M. D. (Res. Dis.), M.D. (TB. Chest Dis.) were conducted in addition to clinical meetings.

(B) **Clinical Services :** This department runs outpatient clinic 3 times a week, runs an Indoor ward of 30 beds with respiratory intensive care Unit of 9 beds. These beds deal with investigations and treatment of various lung diseases and complications including chronic bronchitis, bronchial asthma, bronchiectasis, acute lung infections, lung cancer, respiratory failure, respiratory paralysis, central respiratory weakness, post tramatic problems, respiratory failure following poisoning, interstitial lung disease, pneumoconiosis lung toxicity and T. B.

Pulmonary Function and Blood Gas Laboratory : Various functions including volumes, mechanics of breathing, gas exchange, exercise studies, flow rates are studied on personnel. We also provide Physiologic investigations on research topics and blood gas services on cases being treated around the municipal hospitals.

No. of cases treated :

New cases.	...	4200
Old cases.	...	14042
No. of admission during the year.		496
No. of death during the year.		73

No. of Investigations carried out in the Lab.

Blood Gas.	...	20,071
Catheter Blood Gases.	...	2,599
Pulmonary Function Test.	...	2,627
Old & Indoor Patients. (PFT)	...	551
Research Patients.	...	197
Community subjects.	...	766

No. of Operations carried out : 18 in RAM's Unit.
26 in AGT's Unit.

In the month of March April 1992, survey was conducted for Kandivali quarry workers, by calling them to K.E.M. Hospital.

Team No. of census subjects.	...	300
No. of subjects surveyed.	...	145
No. of P. F. T. done	...	114
No. of X-rays taken.	...	113

Following survey works were conducted :

- 1) EPRC survey work.
- 2) Survey work for Kandivali Quarry Workers.
- 3) Survey work for Chlorination plants of Pise & Panjrpur plants.
- 4) Chembur project.

In the survey P. F. T. were done & X-ray taken.

DEPARTMENT OF NEUROLOGY :

Principal Activities :

Teaching Activities for Under-graduates, Post-graduates of Neurology & OT/PT students were regularly conducted.

Patient Care :

O.P.D. Patients.	...	Neurology	...	2,979
		Epilepsy.	...	1,702
Admissions.	...	497		
Investigations.	...	E.E.G.	...	1,179
		E.M.G. & Evoke		
		Potentials.	...	736

DEPARTMENT OF NEURO-SURGERY :

Out-patient Services at Dr. R. N. Cooper Hospital : 232 pts. treated by Juhu Hospital besides 88 no. of pts. were seen by Medical staff of K. E. M. Hospital.

No. of Outpatients and Ind-Patients.

OPD : New	...	2986
Old	...	4238
Total	..	7224
In-Patient -- Admissions.	...	1079
Discharged	...	986
Death.	...	93

Investigations :

Skull X-Rays.	...	385
Spines.	...	303
Tomograms.	...	127
Conray Ventric.	...	2
Carotid Angio	...	100
Vertebral Angio	...	
Embolisation.	...	181

Chest X-Rays.	...	771
Long bones.	...	3
Abdomen.	...	3
Paranasal sin.	...	11
Mastoid.	...	30
Knee.	...	5
Shoulder.	...	1
Wrist.	...	1
Pelis, hip.	...	1
Kidney, Bladder.	...	4
Total no. of Operations.	...	962

DEPARTMENT OF PEDIATRICS :

Total no. of Indoor pts. including Neonatology	...	4853
Total Outdoor patients including Neonatology	...	12171
Neonatal Statistics : Total Live Births.	...	4419
Total still births.	...	165
Annual perinatal Mortality.	...	37.70/1000
Annual Neonatal Mortality.	...	31.22/1000

Speciality OPD :

Genetic Clinic	...	948
Pediatric Chest clinic.	...	192
Pediatric Gastroenterology Clinic.	...	20
High Risk Infant OPD.	New	952
	Old.	2036
Nephrology OPD.		214
Rheumatic Fever OPD.		756

Total No. of O. P. D. PATIENTS of various nature treated :

1) D. P. D.	...	2126
2) D.P.T.	...	2792
3) O.P.V.	...	3457
4) D.T.	...	25
5) Total deliveries.	...	4543

Rheumatology/Nephrology/Asthama/G.I. OPD attendance :

Rheumatology	...	756
Asthama.	...	192
Nephrology.	...	214
G. I.	...	20

Statistics-Prabhadevi Centre :

Measles.	...	531
Triple.	...	2062
Booster.	...	770
Oral Polio	...	3301

Urban Health Programmes were regularly done.

School Health Clinic : Children from Municipal Schools are referred to K.E.M. Hospital for regular check-up, investigations and treatment.

Post-graduate and undergraduate teaching programmes are regularly conducted.

INTENSIVE PEDIATRIC CARE UNIT (IPCU) started functioning on 1-3-1992 and at present the following equipments are available in IPCU: 2 Ventilators, 1 Cardioscope defibrillator, 1 ECG machine, 1 Ultrasonic nebuliser, 1 doppler and 1 FI02 meter. 259 cases were admitted in IPCU out of which 94 expired. The average monthly admission rate was 26.

Special Activities :

1) the Dept. of Paediatrics along with department of PSM and Ob. & Gyn. conducted training programme for upgradation of skills on technology of state level and district level MCH officers during the WHO-MCH Project IND MCH 003 of 1992 from 16th to 18 Sept. 1992.

2) Under the guideline of National Neonatology Forum, an Inservice Training Programme in neonatology was conducted by the Neonatal division of the Dept. of Paediatrics from 1st Nov. 1992 to 30th Nov. 1992.

3) Teacher Training programme on prevention of RF/RHD was conducted .

DEPARTMENT OF PAEDIATRIC SURGERY :

Total No. of Admissions	...	2315
Total No. of Operations	...	3292
Major	...	2022
Minor	...	1270
Routine Operations.	...	2540
Emergency Operations.	...	1276
Total No. of O.P.D. attendance :		
M/Ch.	...	986
F/Ch.	...	460
Department of Skin, V. D. & Leprocy.		

Teaching :

1) Under-graduate and Post-graduate teaching programme are regularly conducted.

Clinical Services : Nature of disease treated in the department :-Skin disease together with sexually transmitted disease & leprosy. Management of skin disease like Pyodermas, fungal and viral infections of the skin, skin infections, pigmentary disorders, Enzemas.

No. of New and Old skin cases treated :

New cases	...	19,238
Old cases	...	28,857

No. of New and Old Leprosy cases treated :

New cases.	...	290
Old cases.	...	5,744

No. of admissions :

Male	...	168
Female.	...	82

No. of investigations carried out in the Laboratories :

Urethral Smear (TS/PS/VS/CS)	...	120
Biopsy.	...	702
V.D. R. L.	...	1112
Skin snips for A.F.B.	...	660

No. of Operations or procedures carried out :

Electro-cautory.	...	485
Molluscum contagiosum Removal.	...	540
Chemical Cautory.	...	480
Cryosurgery.	...	175

Surgical Procedures :

Dermato-surgery of Vitiligo : Dermabrasion.

- Punch Graft.
- Suction with graft.
- Tattooing.
- Shave grafts.

DEPARTMENT OF DERMATOLOGY & VENEREOLOGY :

1) No. of OPD patients.	...	New – 19,238
	...	Old 28,858
	...	Injections
	...	Patients. 8,763
	...	VDRL test. 1,112
2) No. of Ward patients.	...	466
3) No. of Biopsies done.	...	702
4) Scrapings for fungus.	...	1,085
5) Culture for fungus.	...	783
6) Electrocautery.	...	485
7) No. of intralesionals given.	...	875
8) Chemical Cauterizations.	...	480
9) No. of Molluscum contagiosum removal.	...	540
10) No. of Leprosy patients.	...	New - 290
	...	Old. 5,744

The patients undergoing mycological investigation were as follows :--

Total Scraping done.	...	1,085
Culture one out which ;	...	783
T. Corporis.	...	53
T. Cruris.	...	7
T. Barbae.	...	2
T. Capitis.	...	29
T. Pedis.	...	32
T. Axillaris.	...	2
T. Manum.	...	30
Onychomycosis.	...	106
Moniliasis.	...	37
Deep mycosis including C.S.F., Sputum, Pus, Fluids, Gastric lavage, Biopsies, etc. of culture.	...	461
Ophthalmic Scraping. send to thearew.	...	18
Cultures.	...	3
Urine for leptospira.	...	4
Esophogus smears for candidasis.	...	9

DEPARTMENT OF PSYCHIATRY :

Indoor Facilities : Patients are admitted both from OPD and Casualty for which 40 beds have been allotted.

INVESTIGATIONS :

Psychological testing is done by the clinical Psychologists. All facilities of investigations viz, EEG, and Polygraph tracing, laboratory pathological and Radiological are available. Patients are treated by Drug Therapy, Electroconvulsive Therapy, Psychotherapy (Individual & Group), Group Psychotherapy for sexual problems of males, Child Guidance Clinic Occupational Therapy, Biofeedback.

EDUCATION ACTIVITIES :

Under-graduate & Post-graduate training is important to students posted in this department. University students of S. N. D. T. and students of Nirmal Niketan attend the department for clinical field work of training. Students of Medical Electronic Institute attend the department for lectures on electrophysiology.

DEPARTMENT OF RADIOLOGY :

<u>Procedure :</u>	<u>No. of X-Rays.</u>
1) Department No. 112.	92,130
2) Department No. 140	17,928
3) Old O. C.	33,788
4) Plain Radiographs done in New O. C.	19,349
5) Plain Radiographs done in C.V.T.C.	12,643

DEPARTMENT OF OPHTHALMOLOGY :

This department has an Out-patient Department and Operations are being performed in Operation Theatre on all days.

There is a well established eye bank with facilities for enucleation, storage and use of eye balls. This department is a well known centre for diseases of the posterior segment of the eye. It has facilities for colour and fluorescent fundus photography. Photocoagulation is presently done with the ARGON LASER Photocoagulator. Vitreo retinal surgery is regularly done in the department. We are using Argon Laser for sight saving indications in the posterior segment of the eye. An operative eye camp was organised by Lions Club during February March, 1992 at this hospital when cases of cataract surgery were operated along with Intraocular Lens implantation.

Different operations performed.	...	4,299
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DEPARTMENT OF GAS TROENTEROLOGY :

Principal Activities are Teaching-postgraduate and undergraduate students, Clinical services & Research.

O.P.D. :	New cases :	...	1937
	Indoor admissions :	...	689
Special investigations :	Upper GI endoscopies.	...	6707
	Sigmoidoscopies.	...	276
	Colonoscopies.	...	68
	ERCP.	...	17
	Esophageal dilatations.	...	13
	Endoscopic Gastrpstp,u.	...	20
	Laparoscopy.	...	8

DEPARTMENT OF PATHOLOGY :**ACTIVITIES :**

Teaching : Undergraduate and post-graduate students of IInd M.B.B.S., M.D. (Pathology), Diploma in Medical Lab. Technology, Occupational & Physical Therapy courses.

Lab Services :

1) Total No. of Investigations carried out in blood, Urine, Stools in Haematology and clinical pathology laboratories, emergency laboratory.	...	9,44,287
2) Total No. of surgical biopsy tissues received and examined.	...	9,003
3) Total No. of post-mortems performed.	...	2,318
4) Total No. of samples for cytology studies.	...	3,342
5) Total No. of CSF & other body fluids examined.	...	2,054

The Pathology department has various sections like Surgical Histopathology, Lab., Clinical Cardiac & Cytology Pathology, Blood Bank etc., where all types of investigations are made. (done)

Research :

No. of Research projects.	...	11
No. of papers published.	...	16
No. of papers presented at the various conferences.	...	15

ANAEROBIC SECTION :

i) Routine Anaerobic samples from clinical cases, (Wound awabs, Pus samples, CSF, drain fluid, Peritoneal, Pericardial, Plerural fluid, Bile, Gas gangrene samples, Post operative G. I. samples etc.).	...	1092
ii) Clinical samples from Gyn. & Obst. Department.	...	526
iii) Sterility checking samples from Operation theatre (NST, JMT, EMOT, Gyn. & Obst. O.T., Kurla Bhabha Hospital).	...	1442
iv) Samples from projects. (H. Plyari, Gynaec project, Lactisyn project.)	...	118

Anserobic Section :

V) Limposoma Sterility checking samples.	...	1656
VI) Clinical samples from Chest Medicine Dr. A. A. M. Unit.	...	94
VII) Clinical samples from Neuro. Surgery department.	...	92

Total : 9,988

No. of samples processed in 'Serology Division' :

Name of the Test.	No. of samples tested.	Positive	Negative.
1. Widal	3020	503	2517
2. Paul Bunnel.	51	12	39
3. Rheumatoid Factor (RA)	1856	397	1459

No. of samples processed in 'Serology Division' :

Name of the Test.	No. of samples tested.	Positive	Negative.
4. V.D.R.L. :-			
C.S.F.	218	06	212
Serum.	5258	304	4954
Food handlers.	841	18	823
5. Anti-Steptolysin. (ASLO)	2021	649	1372
6. C-Reactive protein.	464	256	208
7. Throad-Swab Elisa.	57	04	53
Grand Total	13786	2149	11637

In all 322 Serum V. D. R. L. tests were Positive, all these were diluted to detect the V. D. R. L. titre.
Blood samples of patients collected in the laboratory. 1210.

PARACYTOLOGY SECTION :

<u>Samples</u>	<u>Total</u>
Stool (Ova & Cyst)	24
Stool (Gytospondium)	5
M.P./B.F. Smears.	33
Casoni's test.	27
Aldehyde test.	02
CSF (Acahmoeba).	05
Pus/Liver abscess.	24
Pneumocystis carini.	04
Miscellaneous.	04
	128

PHARMACY DEPARTMENT :

Glucose 5%	...	27415
Gl. Saline.	...	8765
Normal Saline.	...	23470
Distilled water	...	22460
Distilled Fluid - A.B.C. Bots.	...	4270
Glycine 1.5%	...	2625
Acetated Ringer.	...	280
Glucose 25%	...	7205
Total I.V. Fluids, vails (100 MI.).	...	9010
Glucose 10% 1/3 Gl. Saline, 1.5 Gl. Saline.	...	
Atropin Sulphate 10ml + 30ml. + 50 ml.	...	1578
Phenol in Water 30ml & 50ml.	...	1365
Infusion set.	...	90297
Blood set.	...	29459

DEPARTMENT OF PHARMACOLOGY :

Training programme : Regular Training programme is conducted for undergraduate and Post-graduate students.

DEPARTMENT OF CARDIOVASCULAR & THORACIC SURGERY :

3450 New case and 12,970 old patients were seen in the O.P.D.s. Bed strength has remained 43 mainly because of space constraints. Total number of admissions were 1358, 641 in Dr. RAM-Unit and 717 in Dr. AGT-Unit.

Diwali and 'X' mas parties were held by the Medical Social Worker's department to bring some cheer to pts. & their relatives. There are 12 beds in the ICU, 8 in the adult section and 4 in the Paediatric Section. Each bed in Adult Section is suitably equipped with the modern monitoring systems for E. C. G., Pressure and temperature monitoring, volume or pressure cycled ventilators.

Operative work :

A total of 1513 operations were carried out in the department as against 1320 in 1991.

Educational and Teaching Activities :

Dr. P. K. Sen department of Cardiovascular Thoracic Surgery have bedside and practical training, there is an active teaching programme for the residents in the form of clinical meeting, mortality conference, journal club, seminars and symposia.

A two days Update on Coronary Artery Bypass surgery was organised by the department in October 1992 to mark twenty five years of Bypass Surgery. Dr. M. R. Girinath from Apollo Hospital, Madras, held an operating session for a days. Several eminent cardiologist and Cardiac Surgeons from Bombay attended the Scientific Programme on 18th October 1992. Clinical & Experimental Research works regular done under the guidance if eminent surgeon. M.Sc. nursing students (Cardiovascular Surgery) from SNTD University, Bombay are posted in the department for bedside teaching sessions.

Clinical and Experimental Research work is regular done under the guidance of eminent Surgeon.

NURSING SECTION :

Nursing courses for Mid-Wifery and General Nursing are conducted.

K.E.M. HOSPITAL AND SETH G. S. MEDICAL COLLEGE**EMPLOYEES' CO-OPERATIVE CREDIT SOCIETY LIMITED :**

1) Total No. of Members.	2383
2) Share capital Reserves.	Rs. 76,00,080/-
3) Dividend.	12%
4) Classification of Audit Report.	"B"
5) Reserve Fund.	Rs. 13,61,250.47/-

NURSES WELFARE SOCIETY :

The corpus of the fund is Rs. 6,79,10,140/- and Rs. 40,000/- is kept in fixed deposit in the Bank, interest on the amount is utilised for providing activities to the nurses such as variety entertainment programme, prize distribution, sports, academic prizes according to the wishes of the donors.

In-service education programme conducted for trained Staff and it on going till today. Also I.C.U. short term in-service started from year 1983 at K.E.M. Hospital and 10 nursing personnel are relieved for 3 months on deputation to attend the same. Two administrative Nursing Staff are sent to attend seminar on 'Nursing Management' for 1 week. Two Staff Nurses are sent on deputation for diploma in Nursing Education & Administration. Two Staff Nurses are sent for short term Paediatric course for 3 months. Two Staff Nurses are sent for Short Term Neonatal Work Shop for 3 days.

POOR BOX CHARITY FUND :

A sum of Rs. 3,19,46,695.82/- was received by way of donations from patients, part cost of spectacles, and sale of gift shop etc. In addition to cash donations, donation in kinds were also received. An amount of Rs. 3,33,52,787.17/- was spent out of the Poor Box Charity Fund in the year as against Rs. 2,21,23,182.40 during the previous year. The amount was spent on costly drugs, blood transfusion, surgical appliances, travelling expenses, spectacles etc. for poor and deserving patients of the hospitals.

APPENDIX --I

PUBLICATIONS :

DEPARTMENT OF PHARMACOLOGY :

- 1) The role of Ayurveda in Modren Health Care.
– Urmila Thatte and S. A. Dhanukar.
J. Gen. Medicine, April, 1992.
- 2) Ayurvedic treatment of Common Ailments Ailments.
– Sharadini Dehanukar and Urmila Thatte.
J. Gen. Med., July-September 1992.
- 3) Immunotherapeutic modification of E. Coli peritonitis and bacteremi by Tinospora cardifolia.
– U. M. Thatte, M. R. Kulkarni and Sharadini Dahanukar.
J. of Postgrad. Med. XXXVIII, 13-15 September 1992.
- 4) Complementary Medicine an overview – I Sadhna Thorat and Sharadinin Dahanukar.
The Journal of Gen. Med. 5(1), 3-6, 1992.
- 5) Complementary Medicine an overview -- II Sadhana Thorat and Sharadini Dahanukar.
The Gournal of Gen. Med. 5(1), 7-12, 1992.
- 6) Flurbiprofen Sustained Release (Froben SR)
– Sharadini Dahanukar.
The Journal of Gen. Med. 5(1) 75-78, 1992.
- 7) Evaluation of Topical Anti-inflammatory agents using U-Vrays induced erythema model.– U.M. Thatte.
Chapter in slected topics in Clinical Pharmacology.
Vol. II, Eds. N. A. Kshirsagar, K. C. Gupta.
- 8) Therapeutic Drug Monitoring in Pediatrics. S. R. RAO, U. M. Thatte--Pediatric Clinics of India
– March 1992.
- 9) Quantitation of microbicidal activity of mononuclear Phagocytes an in vitro technque.
Nirmala Rage and Shardini Dhanukar.
Journal of Postgraduate Medicine.
- 10) Immunotherapeutic modulation of obstructive jaundice by Tinospora Cordifolia.
Nirmala rege, Rahul Koti, N. K. Desai, R. D. Bapat and Sharadini Dahanukar.
– India Journal of Gastroenterology.
- 11) Comparison of the effect of Compound 80/53 with Primaquine on Human Erythrocytes Invitro.
P.S. Anklesaria, V. J. Ashar, N. A. Kshirsagar & K.C. Gupta.
Proceedings of the CSIR Golden Jubilee Symposium on 'Tropical Diseases; Molecular Biology & Control strategies'
- 12) Chandra R. S., Dandekar U. P., KARNAD D., TILVE G. H. Kshirsagar N. A., ``I'' vitro effect of Intravenous immunoglobulin supplementation of serum opsomic activity in tracheostomised patients'. IJMR(B) 96. April 1992, PP 109-111.
- 13) Vora S. U., Karnad P. D., Kshirsagar N. A., 'Effect of Drugs on mucoliary activity in human's
Indian J. of Pharmacology - 1992, 24 : 126-127.
- 14) Doctor to Doctor.
Kshirsagar N. A.,
J. of gen. Med.

- 15) Kshirsagar N. A.
'Clinical Pharmacology Series'.
JAPI 1991.
Vol. 39 No. 12.
- 16) Karnade S., Kshirsagar NA.
'Use of ciprofloxacin in Padiatric Practice'.
JCME 1991 (6), 127.
- 17) N. A. Kshirsagar, P. U. Shah.
'Management of epilepsy in developing counteries'.
Rec. Adv. Epilepsy ed., T.A. Pedley B.S. Meldrum, Churchill Livingstone. P. 159-176. 1992.
- 18) Selected topics in Clinical Pharmacology.
Vol. II 1992.
Editors : N. A. Kshirsagar, K. C. Gupta.
- 19) S. C. Karande, N.A. Kshirsagar.
'Adverse Drug Reaction Monitoring of Ciprofloxacin in Pediatric Practice'
Indian Pediatrics. Vol. 29, Feb. 1992. : 181-188.
- 20) U. P. Dandekar, R. S. Chandra, S. S. Dalvi, M. V. Joshi, P. C. Gokhale, A. V. Sharma, P. U. Shah, and N. A. Kshirsagar.
'Analysis of a Clinically important interaction between Phenytoin and Shankhapushpi, an Ayurvedic preparation'.
-- Journal of Ethnopharmacology. 35(1992) 285-288.
- 21) N. A. Kshirsagar, S. C. Karande, G. N. Potkar.
'A Prospective Survey of drug Inducted Hepatototoxicity in a large Hospital'.
Indian Journal Gastroenterol 1992. Vol. II No. 1 : 13-15.
- 22) P. C. Gokhale, R. J. Barapatre, S. H. Advani, N. A. Kshirsagar.
S. K. Pandva. 'Phase I Clinical trial & Pharacokinetics of Liposomal Amposomal Amphotericin B (SUV)' J.-Antimicrob Chemother.
- 23) P. C. Gokhale, N. A. Kshirsagar, S. K. Pandya, 'Development & therapeutic application of liposomal amphotericin B. Curr. Sci.

DEPARTMENT OF PATHOLOGY :

- 1) Rhinophycomycosis -- case report.
D. R. Prabhat, P. B. Badhe, I. M. Vora & S. B. Ogale.
Ind. J. of Int. Med. - Monthly update - Vol. 2 No. 4, Page 117-118. Jan. 1992.
- 2) Solitary Rectal ulcer syndrome and colitis cystica profundalla IIA M. Vora, A Clinico-Pathological Review Jayshtee Sharma, Amital S. Joshi.
The Ind. J. Path. & Micro. 35 : 2,94-102. April - 1992.
- 3) Xanthogranulomatous pseudo. tumour of vagina-A case report & review of literature.
Boota V., Mittal B. V., Pandit A. A., Vora I. M. Ind. J. Path. & Micro. 35(3), 261-263, 1992.
- 4) Aspiration cytology of a paillary custic neoplam of the pancreases.-Report case.
Bapat K. C., Pandit A. A., Joshi A. S. Vora I. M. Ind. J. Cancer, Vol. 29, page 100-103, June, 1992.
- 5) Detection of microfilaiae in cervical cytology - Letter to the Editor, Acta Cytology - Letter to the Editor, Acta Cytologica.
Pandit A. A., Khilnani P. H., Powar H. S. 36(3), 451-452, 1992.

- 6) Filarial infection of the breast - Report of a case with diagnosis by fine needle aspiration cytology.
Bapat K. C., Pandit A.A. *Acta Cytologica*, 36(4), 5050-507, 1992.
- 7) Analysis of 105 unnodular goitres.
Bapat R. D., Shah S. H., Relekar R. G., Pandit A.A., Bhandarkar S.
J. of Postgraduate Medicine, 38(2), 60-61, 1992.
- 8) Solitary retroperitoneal angiollicular lymphnode hyperplasia.
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- 9) Pulmonary arterial aneurysms.
P. Vaideshwar, and J. Deshpande.
Ind. J. Cardiology. 35 No. 3, 424-426, 1992.
- 10) Disseminated tuberculosis and cardiac Rhybdomyo ma.
M. A. Viidwans, Deshpande J., Pimprikar S. N.
- 11) Direct extension of Bronchogenic carcinoma through pulmonary veins into left atrum mimicking left atrial myxoma.
Mrhan V. K. Deshpande J. R., Dalvi B. V., Kale P. A. *Chest*, 101, 1722-23, 1992.
- 12) Truncus Arteri fus - An sutopsy study of 16 cases.
Deshpande J. R., Desai M. Kinare S. J.
Int. J. Cardiology, 37, 395-399, 1992.
- 13) Fine needle aspiration cytology in the evaluation of acute renal allograft rejection.
Mittal B. V., Desai J. D., Madiwale C. V., Almeida A. F., Acharya V. N.
JAPI, Vol. 40, 461, 1992.
- 14) Cerebral granulomatous candidiasis in a neonate. Badhe P. B., Desai M. S., Abhyankar S. C.
Indian Pediatrics, Vol. 29, 638-39, May-1992.
- 15) Brain abscess caused by *Cladosporium trichoides*.
Goel A, Satoskar A, Desai A. P., and Pandya S. K. *Brit. J. Neurosurg.* : 591-93, 1992.
- 16) Nonfunctioning adrenocortical carcinoma.
Lelé S. M., Mittal B. V., Vora I. M., Kulkarni H. S. *J. Postgrad. Med.* 38 : 72, 1992.

DEPARTMENT OF GASTROENTEROLOGY :

- 1) Karnad D. R. Abraham P. Karnad P. D., Ramakantan R. : Tense ascitas redefined. Renal consequences of tense ascities in decompensated cirrhosis, *Indian J. Gastroenterol* 1992. 11 : 55-8, (Original article).
- 2) Mistry F. P., Abraham P. Bhatia S. J., Oxygen disaturation and tachycardia during upper gastrointestinal endoscopy are transient and benign. *J. Assoc. Physicians India*, 1992.40 : 524-7 (Original article).
- 3) Khanna M. U., Abraham P. Nair N. G., Mistry F. P., Vora I. M., Colloidal busuth substitute in non-ulcer dyspenpsia.
J. Postgrad Med. 1992 : 38 : 106-8. (Original article).
- 4) Shikare S. nagral A. S., Supe A. N., Tilve G. H., Radionuclide assessment of peritoneovenous shunt patency.
J. Postgrad. Med. 1992 : 38 : 87 (Case report).
- 5) Abraham P. Mistry F. P., Management of intestinal tuberculosis *Indian J. Tuberculosis*. Oct. 1992 (Review article).
- 6) Abraham P. 3 Chapters in API textbook of Medicine, Bombay -1992.

DEPARTMENT OF PEDIATRICS :**Dr. K. Lahiri : Associate Prof.**

- 1) Pulmonary function test (PFT) in children. Indian Pediatrics, Vol. 29, No. 3, March 1992, M. D. Shah, K. Lahiri.
- 2) Update in the diagnosis and management of pulmonary parasitic infections in children. Pediatric Pulmonology Update Vol. IV, No. 1, March -1992, Pg., 46-56, K. Lahiri.
- 3) Aerosols in children, 20th Rajasthan Pediatric Conference. (Souvenir published) 10-11 October 1992. K. Lahiri.
- 4) Ciliary apparatus of the respiratory system. Paediatric Clinics of India, Issue on recent advances in paediatric pulmonology. Vol. 27, N. 4, 19-23, October 1992.
- 5) Lung Defence and Pathophysiology at the 4th Pulmonology Conference at Bangalore, 7-8 November 1992.

Other Publications :

- 1) Hypopigmented patches in children accepted by Bombay Hospital journal.

Dr. Archana Kher, Lecturer in Pediatrics :

- MUCRS Association. A study of 7 cases. P. M. Mahajan, Archana Kher, A. Khungar, M. Vasandhars, M. Sanklecha, B. A. Barucha.
Journal of Postgraduate Medicine, June - 1992. Vol. 38, No. 3, July - September 1992.
- Wilder Wank Syndrome Cervico Oculo A review of 4 cases. G. Gupte, P. Mahajan, V. Archana Kher, B. A. Barucha, J. Postgraduate Medicine, July - 1992.
- Asymetric crying facies the Cardiofacial sundrome. A case report. M. Sanklecha, Archana Kher, B. A. Barucha, N. B. Kumpta, J. Postgraduate Medicine. Vol 38, No. 3, July - September 1992.
- Page 147-148.
- Pseudochoondroplastic Dysplasia. A case report. A. Khungar, Mahajan P., Archana Kher, G. Gupta, M. Vasundhara, B. A., Bharucha. J. Postgrade Medicine October 1992.
- Familial Duodenal Atresia. M. Sanklecha, D. Joshi, Archana Kher, R. Shah, B. A. Bharucha, N. B. Kumpta, Accepted by Indian Journal of Pediatrics.
- Cystic T. B. of bones. A case report. Archana Kher, B. A. Bharucha, J. R. Kamat, P. Kurkure, Indian Pediatrics. October 1992.
- Coarse facies Dystosis Multiplex. A review of 9 cases.
M. Sanklecha, Archana Kher, GG Naik, BA Bharucha. Ind. J. of Pediatrics, August 1992.
- Spondylocostal Dysostosis. A review of 9 cases, Archana Kher,
M. Vasundhara, K. Ratnam, S. Khambadkone, BA Bharucha, SF Irani.
Ind. J. of Pediatrics, June -- 1992.
- Cochen Syndrome. A report of 2 cases. Sayed Alavi, Archana Kher.
M. Muranjan, A. Singh, BA Bharucha,
Ind. Pediatrics, October 1992.
- XXXY : A variant of Klinefatter syndorme. G. Gupte, S. Kotwalivale, P. Mahajan, S. Khurrandal, Archana Kher, BA Bharucha. Indian Pediatrics.
- Proteus syndrome. A case report. Said Alavi. A. Chakrapani, A. Kher, BA Bharucha. J. Postgrad. Med. October 1992.

DEPARTMENT OF NEPHROLOGY :**Scientific papers published by all the staff members.**

1. Plasma Exchange vs. Cyclosporine Retrieval Therapy in Steriod. Transplant Proc. 24(5) 1724 : 1992.
2. The effect of sucessful renal tansplantation on Visual Evoked Potentials and Brain Stem Autitory Evoked Responses. Transplant. Proc. 24(5) 1753: 1992.

Publications :

- 1) Fine Needle Aspiration Cytology in the evaluation of acute allograft rejection. Journal of Association of Physicians of India, 40(9).
- 2) Thyroid hormone level before and after renal Transplantation. Dialysis and Transplantation 21(8) 506-510, 1992.
- 3) Urinary Tract Infection. -- a dangerous and unrecognised forerunner of systemic sepsis. Journal of Postgraduate Medicine. 38(2) : 52-54, 1992.
- 4) Morbidity and mortality due to infections in Renal allograft recipients -- A study of 100 cases. Indian Journal of Nephrology, 2(2), 39-44, 1992.
- 5) Plasma exchange Vs. cyclosporin Retriental Therapy in steroid resistant Renal allograft rejection. Trans proceedings. 24(5), 1724, 1992.
- 6) The effect of successful Renal Transplantation on visual Evoked potentials and brainstem auditory evoke responses. Transplant proceedings. 24(5), 1753 : 1992.

DEPARTMENT OF MEDICINE :

- 1) Hereditary spherocytosis : Experiences of 145 cases : J. Mehta, K. Harjai, J. Vasani, P. Banghar, M. Sanklacha, S. Singhal, A. Pathare, G. H. Tilve, B. C. Mehta & J. C. Patel. Ind. J. Med. Sci. 46 : 103-114, 1992.
- 2) Non-A Non-B Hepatitis Induced Aplastic Anemia : A Pant, P. Kale, N. Harjai, M. Shah & A. V. Pathare. J. Postgrad. Med. 38 : 85-86, 1992.
- 3) A-Megalcasytic Thrombolytopenic Purpura : K. Harjai, M. Shah, A. Pant, P. Kale and A. V. Pathare, J. Postgrad. Med : 38 : 96-97 1992.
- 4) Use of Aminocaproic Acid (ACA) in Extra amniotic MTP in patients on Anti-Coagulant therapy : P. A. Kale, M. A. Shah & A. V. Pathare. J. Postgrad. Med. 38 : 36-37, 1992.

Dr. M. E. YEOLEKAR :

- 1) Hypertension : Diagnosis and therapy. Indian Practitioner 1992 XLV-2, 109-115.
- 2) Enalapril in mild to moderate hypertension. (M. E. Yeolekar, S. K. Bakshi) Hypertension India 1992. 6, 2, 24-28.
- 3) Vascular protection in relation to cardio/cerebrovascular diseases (M.E. Yeolekar, N. V. Dharurkar) India, Practitioner. 1992, XLV', 647-658.
- 4) Persistent utophilia meningitis. (F. K. Pardiwalla, M. E.-Yeolekar S. Wagle, S. K. Bakshi) J. Assoc. Physicians of India, 1992, 40, 632-33.
- 5) Porencephalic cyst. S. K. Bakshi, M. E. Yeolekar, F. K. Pardiwalla) J. Assoc. Physicians India, 1992, 40, 690-91.

DR. A. V. PATHARE :

- 1) J. Mehta, K. Harjai, J. Vasani, P. Bangher, M. Sanklecha, S. Singhal A. V. Pathare, G. H. Tilve, B. C. Mehta, and J. C. Patel. 'Hereditary Spherocytosis - Experience of 145 cases' Indian J. Med. Science. 46 : 103-114, 1992.
- 2) A. Pant, P. Kale, K. Harjai, M. Shah, A. V. Pathare, : Non-A Non-B Hepatitis Induces Aplastic Ahemia. J. of Postgrad. Med. 38, 85-86, 1992.
- 3) K. Harjai, M. Shah, A. Pant, P. Kale, A. V. Pathare. 'A megalcasytic Thrombocytopenic Purphara. Journal of Postgraduate Medicine, 38 : 36-37, 1992.
- 4) P. P. Kale, M. A. Shah, A. V. Pathare : Use of Aminocapric Acid (ACA) in Extra amonitic MTP in patients in anti-coagulant therapy. J. Postgrad. Med. 38 : 36-37, 1992.

Dr. D. R. KARNAD :

- 1) Karnad D. R., Karnad PD, Abraham P. Ramakantan R. Tense ascities redefined : Renal consequences of tense ascities Indian J. of Gastroenterology - 1992. 11 : 55-58.
- 2) Chandra RS, Dandekar UP, Karnad D, Tilve GH, Kshirsagar NA, In vitro effect of intravenous immunoglobulin supplementation serum opsonic activity in tracheostomised patients. Indian Journal of Medical Research 1992 : 96 : 109-111.
- 3) Apte NM, Karnad Dr. Medhekar TP, Morye S., Bhavé GG, Tilve GH, Gastric colonization and pneumonia in intubated ill patients receiving stress ulcer prophylaxis : A randomized controlled trial. Critical care Medicine - 1992: 20, 590-593.
- 4) Karnad Dr, Meisheri YV, Meisheri YV, Levamisole with mebendazole in tropical eosinophilia : an alternative in diethylcarbamazine allergy. Tropical Doctor 1992 : 22, 136-37.
- 5) Joshi VV, Chaushar A., Karnad DR, Tilve G. H., Hypermia due to transient hypothalamic dysfunction in tuberculou meningitis with hydrocephalus. British Journal of Neurosurgery – 1992; 6; 385-388.
- 6) Karnad DR, Vasani J.; Disseminated intravascular coagulation : a review with experience from an intensive care unit in India. Journal of Postgraduate Medicine - 1992,
- 7) DeSouza CE, Karnad Dr, Tilve GH,. Clinical and bacteriological profile of the ear in otogenic tetanus : a case control study. Journal of Laryngology and Otology 1992.
- 1) Chandra RS, Dandekar UP, Karnad D, Tilve GH, Kshirsagar NA. In vitro effect of intravenous immunoglobulin supplementation on serum opsonin activity in tracheostomised patients. Indian Journal on Medical Research 1992 : 96 : 109-111.
- 2) Apte NM, Karnad DR, Medhekar TP, Morye S, Bhavé GG, Tilve GH. Gastric colonization and pneumonia in intubated critically ill patients receiving stress ulcer prophylaxis : A randomized controlled trial. Critical Care Medicine 1992 : 20 : 590-593.
- 3) Joshi VV, Chaudhari A. Karnad DR, Tilve GH. Hypothermia due to transient hypothalamic dysfunction in tuberculous meningitis with hydrocephalus. British Journal of Neurosurgery 1992 : 6: 385-388.
- 4) Desouza CE, Karnad Dr, Tilve GH. Clinical and bacteriological profile of the ear in otogenic tetanus : a case control study. Journal of Laryngology and Otology 1992.
- 5) S. Shrike, Avinash Supe, GH Tilve, H. K. Shah, S. K. Mathur, A. B. Samsi. Cholescintigraphic detection of Biliary Leaks : Indian Society of Gastroenterology - Vol. II 1: 19-20, 1992.
- 6) Jayesh Metha Sanklecha, Seema Singhal, Anil Pathare, GH Tilve, BC Mehta and JC Patel. Hereditary sperocytosis : Experience of 145 cases. Indian Journal of Medical Sciences : VOL. 46, No. 4, April 1992, P. 103-111.

SOCIAL SERVICE DEPARTMENT :

Ms. J. Gopalani, Psychiatric Social Worker, a co-author in paper 'Sequential Respiratory, Psychologic and Immunologic Studies in Relation to Methyl Isocyanate Exposure over two years with Model Development'. Published in International Journal for 'Environment Health Perspective - 1992. The psychiatric and psychosocial evaluation of patients affected by MIC was done in collaboration with Chest Medicine department of the hospital.

DEPARTMENT OF TUMOUR CLINIC :**Dr. A. B. Samsi :**

- a) Fibromatosis of thyroid gland - JPM 38/1,36,1992.

Dr. R. D. Bapat :

- a) Pedunculated hepatoma - Ind. J. Gastroent. Vol. 11/1, Jan. 1992, 42-43.
- b) Analysis of 105 uninodular goitres. J. P. Medicine Vol. 38/2, 60-61.
- c) Solitary Retroperitoneal angiogollicular Lymphnode hyperplasia. JPM-39/2, 1990-92.

Dr. S. K. Mathur :

- a) Long term results - 3% phenol as sclerosant. Gastro endoscopy. April 1992 : 38 : 152-7. Co-author - Dr. A. N. Supe.
- b) Hepatic tumours - A clinical profile & management. Ind. J. Gastroenterol. 1992. 11 54-A 65.
- c) Problem of Hypersplenism in portal hypertension. Ind. J. Gastroenterol. 1992. II U26, A17. Co-author-Dr. A. N. Supe.
- d) Endoscopic inj. for bleeding peptic ulcer. Ind. J. Gastroenterol. 1992. II F9, A17.

Dr. A. N. Supe :

- a) Hyperbaric oxygen therapy in diabetic foot. J. P. Medicine 38/3, July 1992, 112.
- b) Cholescintigraphic detection of biliary leaks. Ind. J. Gastroenterol. 11/1, 1992, 19-20. Co-author : Dr. S. K. Mathur.
- c) Radionuclide assessment of portocaval shunt patency. J. P. G. Medicine. 38/2, 87, 1992.
- d) Author of Book 'Practical Surgery', Vora Publication 1992, P P 515.

Dr. H. S. Kulakrni :

- a) Non functioning adrenocortical carcinoma. J.P.M. 38/3, 145-6, 1992.

Dr. S. Nagral :

- a) Experience with rectoralis major myocutaneous flap for head and neck reconstruction in a general surgical unit. J.M.P. 3813, 119-23, 1992.
- b) Hepatic carcinoid case report. Ind. J. Gastroenterology 11/2-1992. Co-Author : Dr. S. K. Mathur., Dr. A. N. Supe.

DEPARTMENT OF UROLOGY :

- 1) Spontaneous Rupture of a Defunctioned Urinary Bladder - An unusual complication of Plevic Irradiation - Dr. Phiroze Soonawala, Avinash C. Gylnikar, D. S. Paradanani - Indian Journal of Urology, March - 1992.
- 2) Transurethral Incision of the Prostate under Local Anaesthesia - Dr. Phiroze F. Soonawalla, D. S. Paradanani - Indian Journal of Urology September 1992.
- 3) Giant Ureteral Stone - Dr. R. B. Sabnis, R. M. Desai, A. M. Bradoo, S. V. Punekar, & S. D. Bapat.
- 4) Chapter written on Injuries on Bladder & Urethra for ASI textbook of surgery in Urology section - publication awaited Dr. S. V. Punekar.
- 5) Leiomyoma of the female urethra accepted for publication for December 1992. Indian Journal of Urology.

APPENDIX II
Publications, Conference, workshops
Department of Neurology.

Guest Lecture :

Dr. Ian Modonald - Dr. P. C. Bharucha
Memorial oration.
Subject - Demyelinating diseases.

Therapeutic Advances : Plasma Exchange therapy and use of Immunoglobulins started in selective cases of Injctive polyeuropathy.

Diagnostic Advances : Dr. K. Mansukhani helped Dr. Tamvekar in Department of Plastic Surgery to study electrophysiology in exposed nerves of leprosy cases during surgery.

Dr. P. U. Shah :

1. She has been the Editor of 'Epilepsy India' (Newsletter of Indian Epilepsy Association).
2. Invited Guest Speaker for Indo German Epilepsy Symposium at Bangalore in December 1992.

Dr. N. B. Bharucha :

1. Read paper on Epidemiology at Apidemology at American Academy of Neurology Meeting in April 1992.
2. He has been selected as member of the National Academy of Medical Sciences.
3. He has been selected as follow of Royal College of Physiicians.

DEPARTMRNT OF E.N.T.

Dr. S. B. Ogale :

1. Invited as Guest faculty, Politzer Society meeting held at cortina, Italy (March 1992).
2. Invited as Guest Speaker, Royal ENT Hospital helt at london March 1992.
3. Written a book on An Aid to Aids.
4. Conducted Stapedectomy Camps in Bidada, Andhra, Pradesh, M.P.

Dr. M. V. Ingale :

1. Conducted Seminar in Otology at Sanjeevan Medical Foundation, Miraj, February 1992.
2. Conducted a teaching workshop on Microsurgery of the ear at Vishkhapatnam, July 1992.

Dr. J. H. Sheode :

1. Working on nice rehabilitation in a largectomy patients by using Blo-Prothesis.
2. Conducted Stapedectomy Camps in Bidada, Andhra, Andhra Pradesh M. P.

Dr. B. Baser :

1. Attended the 44th Annual Conference on A.O.I. held in January 1992, Bombay.
2. Delivered Guest Lecture at A.O.I. Jabalpur Branch meeting in March 1992.
3. Conducted workshops on Septorhinoplasty at Government Medical College, Dhule, August 1992.
4. Delivered Guest Lecture at MGM Medical College Indore, August 1992.
5. Delivered Guest Lecture at Jagjivan Ram Hospital, Bombay, September 1992.
6. Delivered Guest Lecture at Medical College, Jabalpur, October 1992.

Dr. M. V. Kirtane :

1. Conducted Seminar in Otology at Sanjeevan Medical Foundation, Miraj, February 1992.
2. Was invited to conduct a Camp/Workshop in Nairobi, Kenia in May-June 1992.

3. Conducted teaching workshop in ENT, recent advances at Rajkot, Microsurgery of the ear Surat, Sonuscopy at Jaipur and Ahmedabad.
4. Conducted a teaching workshop in Microsurgery of the ear at Vishakhapatnam, July 1992.
5. Invited as Guest Speaker at the South Zone Conference of A.O.I. of Calicut, September, 1992.
6. Invited to conduct a panel discussion on stapedectomy at the Conference of the Indian Society of Otolaryngology Madras in November 1992.
7. Prepared a Video film on Functional Endoscopic Sinus Surgery-Cadaveric Dissection for workshop.

DEPARTMENT OF PEDIATRICS :

Visitors to the Department :

1. Dr. Sheela Lonphani, Professor of Paediatrics, University of Philadelphia, USA.
2. Dr. Uma Kottagall Prof, of Pediatrics, University of Cincinnati, USA. Visited KEM Hospital and participated in the discussions on various clinical problems in neonatal care with staff members of Neonatology Division on Department of Pediatrics.
3. Mr. Tommy Ribbe and Dr. Bjorn Fischler from Karolinska Institute, Huddinge, Sweden visited KEM Hospital to discuss the progress of the project "Effectiveness of Mouth Mask Ventilation in Newborn Resuscitation" being carried out presently at KEMH.
4. The Baby Friendly hospital interaction committee visited the Department of Paediatrics in December 1992 and have recommended K. E. M. Hospital and Baby Friendly to the UNICEF through the National Task Force, Various implementation steps of breast feeding were discussed and plans to counteract the deficiencies at various levels were checked out.

Conferences attended :

1. Serum Institute of India. Research Foundation, Pune for the project on Study on reactogenicity and efficacy of E-Z strain of Measles vaccine with a special reference to neurological side effects". February 1992.
2. National Neonatology Forum Conference on Neonatal infection at Trivandrum (Paper presented) February 19-23, 1992.
3. CAMHADD Meet at Dacca for Conference on Birth Asphyxia (Paper presented) February 29th to March 7th 1992.
4. Meet at Karolinska Institute Huddinge, Sweden for project on "Efficacy of Mouth Mask Ventilation in Newborn Resuscitation. (paper presented). May 23-30, 1992.
5. Visit to Stanford University, USA for Newborn management. June 1-26, 1992.
6. MCH workshop on "Upgradation of skills and technology on State level and District Medical Officers". under WHO Project at K. E. M. Hospital. September 16-18, 1992.
7. "Inservice Training Programme in Neonatology" for doctors at K. E. M. Hospital, Bombay under the auspices of National Neonatology Forum. November 1-30, 1992.
8. Information, Education and Communication on Newborn CARE-Conference at Calcutta December 14-15, 1992.

Dr. Kalpesh Dixit, Dr. Chakrapani, Dr. Schin Khmbadkone, and Dr. Rahul Verma :

MCH workshop on "Upgradation of skills and technology of State Level and District Medical Officers" under project at K. E. M. Hospital. September 16-18, 1992.

"Inservice Training Programme in Neonatology" for doctors at K. E. M. Hospital, Bombay under auspices of National Neonatology Forum Nov. 1-30 1992.

Dr. Keya Lahiri :

1. Chairperson and Concenor of the Respiratory Symposium on recent Advance in the diagnosis and management of Pneumonia at the 29th IAF Conference held at Nagpur, January 1992.
2. Organising Secretary - Seminar on 'Update in Paediatric Respiratory Diseases' Bombay (KEMH) 14th June 1992.
3. Chairperson - Symposium on 'Respiratory Disorders of the Newborn' at the above Seminar.
4. Co-Editor of the Pediatric Pulmonology Update - Official bulletin of Respiratory Chapter of Indian Academy of Pediatrics.
5. Secretary of the Respiratory Chapter of IAP.
6. Executive member of the Bombay Branch of Indian Academy of Pediatrics.
7. Secretary of RF/RHD Control Programme (GOI) 1991-92.
8. Reviewer for Indian Pediatrics.
9. Book Review on Essentials of Pediatric Pulominology by Dr. Somu and Dr. L. Subramaniam - 1992.

Guest Speaker :

1. Update on the 'Diagnostic Modalities of Respiratory Diseases in Children' Symposium on Pediatric Pulmonology by Bhopal Pediatric Club, 22-3-1992.
2. Clinical features, investigations and diagnosis of bronchial asthma Seminar for GP's by Borivli Medical Brotherhood, 14th April 1992.
3. Clinical problem oriented laboratory diagnosis of Respiratory diseases, Seminar on update in Pediatric Respiratory diseases. 14th June 1992.
4. ARI workshop on Upgradation of skills and technology for State/District level MCH Officers under WHO Project. IND-MCH-003 conducted by Ministry of health and Family Welfare on 17th September 1992.
5. Lung Defence and pathophysiology in Suppurative lung disease at the IVth National pulmonology Conference at Bangalore 7-8 November 1992.
6. Clinical featrues and investigations & D/D bronchial asthma in children -- GP's seminar on 15th November 1992 BWSB of IMA.

Papers presented :

1. Update in the diagnosis and management of Parasitic Diseases of the respiratory tract in children, XXXIX IAP conference, Nagpur.
2. Study of hypigmented skin lesion in children. XXIX IAP Conference. Nagpur, Jan. 1992.

DEPARTMENT OF SKIN & V.D.

Scientific papers presented at National & International conference by Staff members of department : National Conference of Dermatologist - Patana.

Papers presented :

- Dr. Manish K. Shah -- Keloids -- Can they be conducted ?
- Dr. Preeti Trivedi -- Cutaneous -- a rarity
- Dr. Kalyani Patwardhan -- Hypoimmunoglobulinemia D E Syndrome.

Clinical Meeting June -- 1992 :

- | | |
|---------------------------------|----------------------------|
| 1) Suction Blister Technique | -- Dr. Akila Y. Kapasi. |
| 2) Primary systemic amyloidosis | -- Dr. Kalyani Patwardhan. |
| 3) Mycosis Fungoides. | -- Dr. Sharmila Patil, |
| 4) Hyperlipedemia | -- Dr. Manju Sharma. |

DEPARTMENT OF PSYCHIATRY

Special Achievements of Residents :

- 1) "Mentat in treatment of Chronic Schizophrenia"--Paper presented at ANCIPS - 92 in Delhi, January 1992 by Dr. Jayita H. Chawdhury under guidance from Dr. L. P. Shah.
- 2) "Expectations of Newly registered psychiatric residents from Psychotherapy" - Paper presented by Dr. Smita Pandit (FYR) and Dr. Suvarna Bhole at the IPS - West Zone Conference at Baroda.
- 3) Mid-term CME programme of IPS, 15th & 16th August, 1992 at Dr. R. M. Cooper Hospital.
ICD - 10 classification of anxiety disorders
-- Dr. Ajay C. Wagle. (TYR.)
DSM-III R Classification of anxiety disorders.
-- Dr. Abhilash K Desai (TYR)
- 4) "Received causes of Emotional Distress in Medical Students"
-- Dr. Jayita Chawdhury & Dr. S. R. Parkar.

Conference Attended : DR. L. P. SHAH.

1. Attended 44th Annual Conference of Indian Psychiatric Society, West Zone, held at New Delhi from 22nd to 25th January 1992.
2. Attended the 7th Annual Conference of Indian Association of Social Psychiatry, held at Madras in February 1992.
3. Attended 23rd Annual Conference of I.P.S. held at Baroda in October 1992.
4. Attended 13th World Congress of Social Psychiatry held at New Delhi in November 1992.
5. Conducted training programme in Drug De-addiction work for General Duty Medical Officers, on behalf of Ministry of Health & Family Welfare, Government of India at the UNDCP Nodal centre, Calcutta in October, 1992.

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1. Elected President of the Indian Association for Social Psychiatry, for the year 1993-94.
 2. Elected President of the Indian Association of Child and Adolescent Psychiatry for the year 1993-94.
 3. Elected President of the Association of the Industrial Psychiatry of India, for the year 1993-94.

Papers :

1. A double blind placebo clinical trial of Mentat for Schizophrenics, presented at New Delhi.
2. Preliminary report of the clinical trial of Mentat in ECT induced cognitive changes, presented at the presented at the Annual conference of I.P.S., West Zone at Baroda.
3. Role of Pharmacotherapy in the rehabilitation for the Schizophrenic patients, presented for the 13th World Congress of Social Psychiatry.
4. Organisation of Mental Health Services in developing country, presented at 7th Annual Conference of Indian Association of Social Psychiatry at Madras.

Dr. S. R. Parkar :

1. Co-ordinated the 'Meet your Teachers' session in Mid term CME PROGRAMME on Generalised anxiety disorder, I.P.S. on 15th and 16th August, 1992.
2. Presented paper on 'Cognitive Behaviour Therapy' on 14th June, 1992 in I.P.S. West Zone CME programme at Poona.

3. Presented paper on 'Clinical Profile of OCD' on 2nd August 1992 in Seminar on 'OCD' by Bombay Psychiatric Society in Bombay.
4. Presented paper on 'Evaluation of Crisis Intervention in patients of Suicidal Attempt' in Recent advances in Crisis intervention & Community Mental Health. (11th to 14th February 1992, at Hyderabad, India.
5. Presented paper on Perceived causes of stresses in Medical students in staff Society Meeting in Seth G. S. Medical College and K. E. M. Hospital on December 14, 1992.
6. Presented paper on 'Developing a Cultural Study of Suicide in Bombay' in XXII World Congress of Social Psychiatry held at Hotel Taj Palace inter-contintal, New Delhi, India on November 9-13, 1992.
7. Presented paper on 'The role of Psychological Therapies in the rehabilitation of Schizophrenia' in XIII World Congress of Social Psychiatry held at Hotel Taj Palace inter-continental New Delhi, India on 9-13 November, 1992.
8. Given talks on Addiction for Maharashtra Rajya Nashabandi Mandal, during 2nd October to 9th October 1992, in various places in Bombay.

DEPARTMENT OF PHARMACOLOGY :

Dr. N. A. Kshirsagar arranged the following symposium :

1. Teaching methods in Clinical Pharmacology.
2. G. S. Medical College & K. E. M. Hospital Staff Society meeting Liposome development for patient care 1992. N. A. Kshirsagar, P. C. Gokhale, R. Kotwani, S. K. Pandya.
3. Symposium "Recent Trends in Therapeutic and diagnostic applications of Liposomes". 7th March 1992.

Conference & workshops and seminars Attended.

Dr. K. C. Gupta :

1. Chairperson of session at IInd Western India Chapter meeting of IPS held at LTMG Medical College, Bombay on 28th & 29th February 1992.
2. Attended Ann. Conference of Pharmacologists of Maharashtra held in Bombay.
3. Chairperson - IPS Bombay branch symposium "Present pattern of training and examinations for M. D. Pharmacology need for changes/modifications - various view points" November 1992.

Dr. S. A. Dahanukar :

1. Lecture on 'Ayurveda in the context of modern medical environment' at Tata Institute of Sciences, on 7th February 1992.
2. Convened a session on reorientation of curriculum and system of curriculum and system of examination in undergraduate pharmacology.
3. Second Western India chapter meeting of Indian Pharmacology Society, 28-29 February 1992.
4. Guest speaker at Public lecture series on 'Arts and Sciences in Aciend India, S.N.D.T. woments University, February 1992.
5. Guest speaker in a seminar on update on newer antibiotics on "Clinical Pharcology of newer antibiotics".
-- I.M.A., Dombivli, March 1992.
6. Guest speaker on "Role of Ayrveda in Modern Medicine".
-- I.M.A., Satar, March 1992.

Dr. S. A. Dahanukar :

7. Attended Mid Term Conference of India Association for Study of the liver, held in Bombay, March 27-28 1992 and helped in organisation of boat cruise.
8. Participated in a programme on career education organised by Institute for psychologically handicapped, May 1992.
9. Guest lecture on "Medical Plants", at Indian Women Scientists Association, September 1992.
10. Participated in workshop on Medical Education Assessment Strategies at AIDS, New Delhi, 8-19th October 1992.
11. Drugs given to mother and their effects on newborn baby". Lecture delivered during the inservice training programme. Conducted by National Neonatology forum.
12. Invited speaker in conference on "Science, Technology Research and Indian Society" organised by B.A.R.A. November 1992.
13. Invited speaker in the symposium on "Present pattern of training examination for M.D. Pharmacology - need for changes/modifications - various view points." IPS, Bombay Branch, November' 1992.

Midterm CME of Indian Psychistry Society, 15th August 1992 on Treatment of Aniety.

Dr. M. Thatte.

Guest speaker at I.M.A., Satara Role of Ayurveda in Modern Medicine.

Dr. N. N. Rege.

IMA, Badiapur NEWER ANTIMICOBIAL AGENTS. Dr. N. N. Rege.

Dr. S. P. Thorat :

1. Visited Department of Clinical Pharmacology at Borne, Switzerland.
2. Worked in the Gastroenterology reasearch lab. at Berlin (Germany) and standardised ELISA for the quantification of a procollagen (useful Index for cirrhosis).
3. Gave 2 talks on Ayurveda (general principles) Emblica officinalis.
4. Presented research data at University of Erlangen and gave a short talk on basic principles of Aurveds.

Following Papers were presented at Conferences :

1. 4th world Congress of Hepato-Pancreeto Billary Surgery, Hong Kong, 7-11 June, 1992.
 - a. Emblica officinalis : A novel Pharmacological therapy for acute pancreatitis. Dr. S. A. Dahanukar, S. P. Thorat and R. D. Bapat.
 - b. Can we do away with Peructaneous Transhepatic cholangiography? Dr. R. D. Bapat., Dr. N. N. Rege, Dr. R. Kcti and Dr. S. A. Dahanukar.
2. VII, Annual conference of pharmacologist of Maharashtra, Bombay, September 1992.
 - a. Ccagulation frofile in obstructive jaundice and its modulation by Tinospora cordifolia. Dr. H. Javle, Dr. N. N. Rege and Dr. S. A. Dahanukar.
 - b. Kupffer cell activity in immunicimplex mediated liver damage and its modulation by Tincspora cordifolia. Dr. D. S. Nagarkatti, Dr. N. N. Rege, Dr. N. K. Desai and Dr. S. A. Dahanukar.
 - c. Tuberculosis and platelet function.
Dr. S. R. Rao, Dr. U. M. Thatte, Dr. D. R. Karnad and Dr. S. A. Dahanukar.
 - d. A Multiple dose comparison of Ketorolac tromethamine with Ibuprofen for Analgesic activity.
Dr. S. M. Anaoka, Dr. S. V. Parulekar, Dr. U. M. Thatte and Dr. S. A. Dahanukar.

- e. Antimicrobial agents and platelet functions.
Dr. D. Usha, Dr. S. A. Karande, Dr. U. M. Thatte and Dr. S. A. Dahanukar.
- f. Wound Healing – Are the Indigenous Agents Beneficial?
Dr. M. Dixit., Dr. N. N. Rege and Dr. S. A. Dahanukar.
- g. Platelet and pregnancy induced hypertension.
Dr. S. Karande, Dr. U. M. Thatte and Dr. S. A. Dahanukar,
- 3. Midterm conference of Indian Association for study of the liver, Bombay.
 - a. Randomised controlled trial of LIV - 52 versus placebo in Cirrhosis.
Nirmala Rege, Shobha J. Bhatia, Fersosh P. Mistry, Philip Abraham .
- 4. 4th and International Congress on Phytotherapy, at Munich (Germany) *Emblica officinalis* - A level Pharmacological therapy for acute pancreatitis, Dr. Sadhna Thorat, Dr. R. D. Bapat and Dr. S. A. Dahanukar.

Papers presented at Conference/Symposia :

- J. 1. **Comparative study of compound 80/53 with Primaquine :** Shri P. S. Anklesaria, Dr. V. Ahar, Dr. S. S. Dalvi, Dr. Desai, Dr. N. A. Kshirsagar, Dr. K. C. Gupta.
Poster presentation at the CSIR Golden Jubilee Symposium on "Tropical Disease : Molecular Biology & Control Biology & Control Strategies," CDRL, Loknow, February 17-20, 1992.
- 2. Can discriminant function based on lipids & haemostic Parameters assess the prothrombotic side-effects of antihypertensives?
Dr. V. K. Nayak, Dr. N. A. Rajwade, Dr. N. K. Desai & Dr. K. C. Gupta Presented at silver Jubilee Conference of Indian Pharmacological Society - 1992, at Mizaffarpur, Bihar.
Dr. N. A. Manjrekar, Dr. S. Kamat, Dr. S. Chaudhari, Dr. S. S. Ainapure & Dr. K. C. Gupta, Psychometric tests in age associated memory impairment (AAMI) at IInd National Conference on Geviatries & Gerontology held on 28th August 1992 at Bombay Hospital, Bombay.

Conference & Symposia & Seminars attended by Dr. Nayapalli :

- 1. Presented paper entitled "Simple computerised models & flicker fusion apparatus for psychopharmacological screening of drugs in volunteers". at Western regional workshop on teaching of Clinical Pharmacology G. S. M. C. & K. E. M. Hospital Parel, Bombay.
- 2. Speaker at Reorientation of curriculum & system of examination in U. C. Pharmacology at 2nd Western India Chapter meeting of Indian Pharmacological Society on 28th & 29th February 1992 at L. T. M. Medical College. Bombay.
- 3. Speaker at Reorientation of Curriculum & System of examination in P. G. (M. D. Pharmacology) ----- do -----
- 4. Attended participated at the symposium on "Recent trends in therapeutics & Diagnostic application of liposomes at G. S. Medical College & KEM Hospital – 7th March 1992
- 5. Participated at the XVIII Annual Conference of Pharmacologist of Maharashtra. Department of Pharmacology, Bombay - 12 & 13th September 1992.

Dr. N. A. Kshirsagar :

- 1. Indian Pharmacology Society Conference (Maharashtra) held at Grant Medical College. 12th - 13th September 1992.
- 2. Indian Society of Organ Transplantation. Conference held at Nadiad Gujrat between 30th October - 1st November 1992.

3. Indian Pharmacology Society (all India Conference) held at Muzzaffarpur, Bihar, 5-8th December 1992.
4. Asia Pacific Congress of Nephrology, Conference held at New Delhi, 9th - 13th December 1992.
5. N. Gopinathan, U. M. Thatte, R. Chandra, N. A. Sirsagar, Effect of Topical anti-inflammatory agent on Ultraviolet rays induced erthema in human volunteers. Presented at IPS, Maharashtra at Grant Medical College.
6. N. Gopinathan, N. A. Kshirsagar, V. N. Acharya, A. F. Almeida Optimising immunosuppressive therapy with cylosporine monitoring. Presented at two conferences.-
 1. Indian Society of Organ Transplantation, Nadiad, Gujrat,
 2. Asia Pacific Congress of Nephrology, New Delhi.
7. "Pharmacokinetics of New drug delivery systems" at Second Western India Chapter Meeting of Indian Pharmacological Society, Bombay, 28th & 29th February 1992.
8. G. S. Medical College & K. E. M. Hospital Staff Society meeting -- Liposome development for patient care 1992.
N. A. Kshirsagar, P. C. Gokhale, R. Kotwani, S. K. Pandya.
9. P. C. Gokhale, R. J. Barpatre, N. A. Kshirsagar, S. K. Pandya Paper entitled "Plasma and CSF levels of Liposomal amphotericin B in patients" presented at Fourth National symposium on Liposome Research, New Delhi.
10. P. C. Gokhale, R. J. Barapatre, N. A. Kshirsagar, S. K. Pandya Paper entitled "Phase I Clinical Trial and Pharmacokinetics of liposomal amphotericin B (SUV) presented at XVIII Annual Conference of Pharmacologists of Maharashtra, Bombay September 12-13, 1992.
11. P. C. Gokhale, R. N. Kotwani, S. Y. Denge, N. A. Kshirsagar, S. K. Pandya, Paper entitled "Liposomal amphotericin B : Form laboratory to clinics" presented in the U. K. Sheth rize session at Silver Jubilee Conference of Indian Pharmacological Society (All India Conference) Muzzaffarpur, 5th - 8th December 1992.
12. M. U. Khan, P. C. Gokhale, N. A. Kshirsagar, S. K. Pandya, A. V. Pathare, Munavvar Izhar, A. Pathak, V. N. Acharya, Paper entitled "Liposomal amphotericin for leishmaniasis, A case report" presented at Annual Conference of Pharmacologists of Maharashtra. Bombay, September 12-13, 1992.
13. R. N. Kotwani, P. C. Gokhale, S. Y. Dange, N. A. Kshirsagar, S. K. Pandya, M. Mathur, Paper entitled "Quality control testing of I-Amp-LRC-1" Presented at Fourth National Symposium on Liposome Research, New Delhi, March 1-4, 1992.
14. R. J. Barapatre, P. C. Gokhale, N. A. Kshirsagar, S. K. Pandya Paper entitled "Phase I Clinical Trial of Liposomal Amphotericin -B" presented at Fourth National Symposium on Liposome Research, New Delhi, March 1-4, 1992.

DEPARTMENT OF GENERAL SURGERY

Visiting Professors in the Department :

Sir Roy Clane -- United Kingdom - A noted transplant surgeon visited our department and gave oration on "Hepatic transplantation".

Foreign visits :

1. Dr. R. D. Bapat visited Hong Kong to attend International Hepatobiliary surgery conference in June 1992 and presented his work on *Tinospora cardifolium*.
2. Dr. R. D. Bapat and Dr. Rahul Koti visited Naples - Italy to attend Hepatobiliary conference and received prestigious Augustione prize for hepatology research.
3. Dr. Rahul Koti visited major GI surgery centres in U. K. including Hammersmith Hospital and King's college, London.

Participation in National conferences :

Dr. R. D. Bapat and Dr. S. K. Mathur were invited to take part in various national conferences. They chaired sessions, participated in various seminars and symposiums.

1. Indian Association of Surgical Gastroenterology, Meerut.
2. Indian Society of Gastroenterology conference, Delhi.
3. Association of Surgeons of India conference, Calcutta.
4. Indian Colorectal surgeons conference at Jaipur.
5. Laparoscopic surgery workshops at Ahmedabad, Jaipur, Meerut.
6. Int. College of Surgeons - Ranchi.
7. MASIOON 1992 Pune.

Above conference were attended by members of our department and 25 papers were presented in them on various topics.

DEPARTMENT OF UROLOGY

Overseas Visitors :

1. Dr. D. C. Dhabuwala Andrologist from Detroit Michigaon.
2. Dr. Garrysteward and Dr. S. N. Mukharhee as a team from Association of Voluntary Surgical Contraception to inspect microbiological facilities in Urology Operation theatre in February 1992.

Workshops Conducted :

Training of Trainers in Standards of Male & Female Sterilization under COE :--From 27-2-1992 to 29-2-1992. Number of trainees : 17 From 30-11-1992 to 2-12-1992. Number of trainees : 10 Micro Surgical training Workshops : From 1-1-1992 to 14-1-1992 Number Number of Trainees : 2.

Workshops attended :

Update in Urology from 11th to 12th February 1992 at Bombay Hospital.

Papers presented in conference : USICON - 1992 at Pune, December 1992. 26th Annual Conference.

1. Sacral Agensis - A rare cause of Neurogenic bladder.
2. Vaso -- epididymal Anastomosis for obstructive Azoospermia (Analysis of 60 cases).
3. Self retaining intraurethral catheter in BHP with Urinary retention an early experience.

DEPARTMENT OF NEPHROLOGY

Scientific papers presented at National and Internationa Conference

by Staff members of department :

National meeting :

At the 5th Annual meeting of the Indian Society of Organ Transplantation (ISOT).

1. Does early acute rejection influence long-term allograft outcome?
2. Response to therapy in biopsy proven acute rejection episodes (ARE) .
3. Utility of Quantitative Bone Scintigraphy and its correlation with Single Photon Absorptiometry before and after renal transplantation.
4. Tuberculosis - A major health hazard in patients of Chronic Renal Failure (CRF) undergoing renal transplantation.
5. Optimising Immunosuppressive Therapy with Cyclosporin (CsA monitoring in Renal Tranplant (Tx) patients.

At the Annual meeting of the Western Chapter of Indian Society of Nephrology :

1. Single photon absorptiometry in Chronic Renal failure and correlation of its parameters with Serum parathormone and Calcitonin levels.
2. Glomerular Filtration Rate and Renal Volume in Pre and Post nephrectomy period in renal donors.
3. The Effect of Angiotensin Converting Enzyme Inhibitors on Glomerular Proteinuria.
4. Study of Work Capacity and Efforts tolerance in patients of End Stage Renal Failure (ESRD) on haemodialysis (HD) treated with Erythropoietin (EPO).

At the meeting of the Indian College of Gerontology :

Pattern of Renal diseases in Elderly.

International meeting :

At the Fifth Asian Pacific Congress of Nephrology

1. Tuberculosis – A major health hazard in patients of Chronic Renal transplantation.
2. The Effect of Angiotensin converting Enzyme inhibitions on Glomerular proteinuria. (Tx) Receptients.
3. Multi drug Ragistant Urinary Pathogens - A Nephrologists Dilemma.
4. Optimising Immunosuppressive Therapy with Cyolsporin (CsA) monitering in Renal Transplant
- h5. Renal Involvement in Polyarteritis Nodosa An Autopsy Study (1971-1991).

DEPARTMENT OF GASTROENTEROLOGY

Scientific Presentation :

At Indian Association for study of the Liver, Bombay 1992.

1. Ray A, Karnad DR, Abraham P., Manometric e valuation of the Lower esophageal sphincter following endoscopic variceal sclerotherapy.
2. Nagral AS, Joshi AS, Bhatia SJ, Abraham P., Vora IM : Congestive Jejunoathy in portalthypertension.
3. Bhatia SJ, Rege NN, Mistry F. P., Abraham P. : Randomized controlled trial of Liv 52 varsus placebo in cirrhosis.
4. Banghar P. K., Abraham P, Mistry F. P., Bhatia SJ, Mody A : Profile of portal hyperstension in Bombay. Indian Society of Gastroenterology, New Delhi 1992.

Scientific Conference : The department co-hosted the Mid-Term conference of the Indian Association for study of the Liver March 27-28, 1992. About 125 National delegates attended.

Dr. Oscar Brothers, Pittsburg, PA, U.S.A., and Dr. J. P. Vinal, Paris France joined about 10 invited national faculty members at the conferences.

Dr. Philip Abraham (Scientific Chairman) and Dr. Shobha Bhatia (member) were on the Organising committee of the International symposium on Subacute Hepatic failure and update in liver Diseases, held in Bombay, November 21-22, 1992.

The department conducted a Workshop on Esophageal Motility and PH Disorders December 23, 1992. About 75 delegates attended Dr. S. R. Naik and Dr. R. K. Dhiman (SGPGI), Lucknow and Dr. Shobha Bhatia were the faculty.

Dr. Philip Abraham attended the Annual conference of the Indian Society of Gastroenterology and associated bodies at New Delhi November 5-8, 1992.

He was Chairman and panelist at the conference.

Dr. Shobha attended two international conferences :

- a. Basic concepts in dysphagia & fourth multidisciplinary Symposium on dysphagia at Baltimore., U.S.A. in April, 1992.
- b. The Digestive diseases week held by the American Gastroenterology Association at San Francisco, U.S.A., in May 1992.

DEPARTMENT OF PREVENTIVE AND SOCIAL MEDICINE

Dr. Shobha Koli, Associate Prof. PSM.

Attended a Seminar cum Workshop on "Epidemiology and management of TISS, Bombay May 16-2-1992.

Paper presented/Workshop/Seminar Attended & other Research Activities :

1. Dr. (Mrs.) P. Subramanian, Prof. & Head, P. S. M. Department.

- i. Presented paper on 16th April 1992 on "Role of Medical colleges in UPI and surveillance of vaccine preventable diseases" at the workshop on surveillance of VPD's organised by UNICEF held at K.E.M. Hospital.
- ii. Attended a Seminar cum workshop on "Epidemiology and Management at TISS, Bombay May 16-20 1992.
- iii. Attended training programme on Management for D.P.H. Faculty at NIHF, New Delhi. June 20-29th 1992. Presented a teaching session on "I.E.C. strategy in Health & Family Welfare."
- iv. Organised the First Convention of Maharashtra Chapter of IAPSM as organising secretary, October 2nd & 3rd 1992.

2. Dr. S. R. Suryavanshi, Associate Professor, P.S.M. Department Seth G. S. M. C.

- i. Organised teacher's training programme for the "RF/RHD control Programme", in F/S, G/S, G/N Wards in Bombay city.
- ii. Organised Seminar on "Recent advanced in RF/RHD control" for General practitioners of Bombay in January 1992.
- iii. Organised "30 cluster sampling Survey", Missed Opportunity Survey as a part of I.C.M.R. Project on Monitoring and evaluation of U.P.I.
- iv. Attended Management training for D.P.H. faculty at National Institute of Health and Family Welfare, New Delhi.

3. Dr. Shastri, Associate Professor, P.S.M.

- i. Presented paper on "Geriatrics Welfare", At Maharashtra Chapter IAPSM Conference in Bombay.
- ii. AIDS' AWARENESS' INDIAN JOURNAL OF INTERNAL MEDICINE.
- iii. Published book 'Practical book for Preventive and Social Medicine' October 1992.
- iv. Attended workshop on Health systems Research at the National Institute of Health and Family Welfare, New Delhi.

4. Dr. R. R. Shinde, Lecturer, P.S.M.

- i. Presented a paper on "Missed Opportunities for immunization services" in the First Convention of the Maharashtra Chapter of I.A.P.S.M., held in Bombay on October 2nd & 3rd 1992 and was a rapporteur in one of the Scientific sessions.
- ii. Attended National Conference on Tuberculosis and chest diseases held in Bombay on November 17-18, 19th 1992.
- iii. Coorganised Seminar on "RF/RHD control in Bombay" for General Practitioners in Bombay.
- iv. Organised Training Programme for involving D. Ed. Students in immunization & RF/RHD control programme.
- v. Gave Health talk on All India Radio on :
 - i) RF/RHD control programme &
 - ii) Preventive, promotive aspects of Health in 4 series.

5. Dr. Kishore Chavan, Lecturer, P.S.M.

Presented paper on Cluster sampling Survey for immunization in the community adopted as filed practice are of a medical institution, in Maharashtra chapter of IAPSM, first Convention held on October 2nd & 3rd 1992. in K. E. M. Hospital, Bombay.

6. Dr. Ramesh Wagh, Lecturer, PSM Presented paper on "Child to Child Programme" in the First convention of Maharashtra Chapter of IAPSM on October 2nd and 3rd 1992 in K. E. M. Hospital.

7. Dr. R. N. Kulkarni, Associate Prof. P.S.M.

Presented paper on "Role of C.H.V., in IPP - V" in the Maharashtra Chapter of IAPSM, First Convention, held on 2nd & 3rd October 1992.

8. Dr. Anil Patil, Lecturer, P.S.M. Dr. Nagpurkar, Resident P.S.M. Attended 3 weeks intensive Training Programme in De-addiction, Organised by Psychiatry Department K. E. M. Hospital as Bombay Nodal centre of deaddiction with Ministry of Health and Family Welfare, in December 1992.

9. Dr. R. M. Chaturvedi, Associate Prof., P.S.M.

Attended DPH faculty members training course in NIHFV, New Delhi for 2 weeks in June 1992.

10. Dr. Shobha Kowli, Associate Prof. PSM.

Attended a Seminar cum Workshop on "Epidemiology and Management of TISS, Bombay May 16-20-1992.

DEPARTMENT OF PLASTIC SURGERY

Conferences :

The summer meeting of the Association of Plaster Surgeons of India which was held in Bombay in September, 1992. was attended by all the staff members of the department in rotation and 9 papers were presented.

Dr. R. E. Rana (Prof. & Head of Plastic Surgery) :

1. Attended ONE Programme under the auspices of Medical council of India at Baroda. Co-chaired one session.

Also attended workshop on A-O technique in facial fractures and corrective rhinoplasty.

2. Attended workshop on A-O technique at Bombay.

3. Attended APSI conference in Bombay. Read paper on "Use of Skin of Supernumerary Digits in Management of Syndactyly" Co-chaired one session. Also was on Scientific Committee.

Dr. S. R. Tambwekar (Hon. Surgeon of Plastic Surg.) :

- I -- Attended Masicon conference at Poona & chaired a session.

- II -- Attended National workshop on facial clefts, cleft lip and other associated abnormalities in Madras.

Presented papers on : (i) Repair of cleft lip and palate in one stage.

ii) Muscle attachments in cleft palate.

- III -- Attended Bombay Medical Congress. Presented paper on "Application of Microsurgery in Plastic surgery.

- IV -- Attended International Microsurgery Society Conference at Rhodes, Greece and presented papers on :

i) Free scalp flap for the treatment of blindness.

ii) Reconstruction of calf with ID flap.

iii) Cross forearm replantation.

iv) Bone formation under L.D. flap.

V – Attended APSI conference at Bombay. Presented paper on "Free lateral crural flap.

VI – Attended APSI conference at Calcutta & chaired a session.

Dr. A. A. Mistry : (Lecturer, Plastic Surgery) :

1. Attended National Workshop on "Facial clefts, cleft lip and other deformities" at Madras.
2. Presented a paper on "Deformities of the skull" for Peet prize in APSI conference in Bombay.
3. Received APSI National travelling fellowship and visited Department of Plastic surgery and Institute for Research and Rehabilitation at Madras.

Dr. A. N. Pandya (Lecturer, Plastic Surgery) :

1. Attended APSI conference in Bombay and presented
 - a) Different modalities of treatment in vascular malformations.
 - b) Transconjunctival approach for external angular dermoids.

Dr. A. R. Khandwala (Regident, Plastic Surg.) :

Presented following papers at APSI conference in Bombay

1. Bilateral Gracilis flap for vulval reconstruction.
2. Various flaps for upper limb defects.

Dr. M. P. Lekhadia (Resident) :

Presented paper on "An unusual case of electrical burn" at APSI conference at Bombay.

Dr. M. S. Venkatesh (Resident) :

Presented paper on "Extra corporeal median arm flap for post burn scar over chin" at APSI conference at Bombay.

DEPARTMENT OF PATHOLOGY

Papers presented at the 41st Annual Conference of Indian Association of Pathologists and Microbiologists, AFMC at Pune, November 1992.

1. Iafora body disease. A case report. By Dr. Manish Gandhi.
 2. Cladosporium trichoides infections of the brain. A report of 3 cases. By Dr. Asha Shenoy.
 3. Tuberos sclerois complex (Bournvillei disease) by Dr. A. P. D. Deasi.
 4. Lupus nephritis. A Clinicopathological analysis of 67 cases. Dr. C. V. Madiwala.
 5. Complications following renal transplantation. An autopsy study of 31 cases. By Dr. B. V. Mital.
 6. Fibrolamellar hepato cellular ceroinoma. Analysis of 6 cases from Bombay By Dr. I. M. Vora.
 7. Parathyroid lesions – An appraisal in surgical histopathology. By Dr. Prerna Badhe.
 8. Memengiopericytoma of the kidney. By Dr. Shakil Merchant.
 9. Osteoma of the every By Jinesh Shah.
 10. Renal leiomyosarcoma with capsular fibrolipom - A casse report. By Dr. Rohan Anthani.
 11. Syphiliticaortitis. An authopsy study by Dr. Ammu Sivaraman.
 12. Bronchioalveolar lavege cytological profilex in bronchial asthma. By Dr. Smita Bijur.
 13. Plasma cell leukemia – a case report By Dr. Daksha Prabhat.
 14. Myelocytic intestinal nephritis. By Dr. Ashish Agarawal.
 15. Dissecting aneurysme. An autopsy study. Dr. Pradeep Vaideshwar.
- Participation in Seminar, Workshop and Symposia etc.

Dr. A. P. Desai.

1. CME and workshop on Neuropathology, Department of Neuropathology, Grant Medical College, Bombay, 17-21st February 1992.
Delivered 3 lectures on : a) Blood brain Barrier b) Viral infection of CNS. c) Demyelinating disease.
2. Seminar on Neurotuberculosis. Department of Neurology, Grant Medical College, Bombay. 22nd February 1992. Presented paper on Pathology of Tuberculous Meningitis.

Dr. I. M. Vora :

1. Midterm conference of Indian Association for study of Liver, K. E. M. Hospital, Bombay, March 1992.

Presented three papers :

- a) Primary hepatocellular carcinoma
- b) Fibrolamellar hepatocellular carcinoma
- c) Congestive jejunopathy.
2. CME Programme of International Academy of Pathology, A.F.M.C., Pune November 1992. Lecture on Mucin Histochemistry.
3. Seminar on Drug Induced lesions at the 41st Annual Conference of IAPM. November 1992., Pune Drug induced lesion in liver.
4. Participated : Seminar on ulcerative colitis at 4th Annual conference of IAPN, Pune November 1992.

Dr. V. Ray :

1. Seminar on AIDS - Health Care Professionals Control and Prevention at Haffkine Institute, December 1992.
Delivered a Guest lecture on safety in Blood and Blood products.
2. Midterm conference of India Asso., for study of Liver studies.
KEM Hospital, Bombay, March, 1992. Lecture on : Management of Blood transfusion in liver transplants.
3. 2nd International symposium on Biotechnology of blood proteins at Nancy, France November 1992. Paper presented : "Experience with large scale chromatography for plasma fraction".
4. Workshop on Management of Multiple transfusions at the Annual Conference of Ind. Soc. of Hematology and blood transfusion. Hyderabad. December 1992. Delivered a lecture on "Transfusion transmitted disease.

Achievements and Recognition :

1. Dr. I. N. Vora : Elected Treasurer of the Indian Association of Pathologists and microbiologists.
2. Dr. A. P. Desai : Served as member of the Scientific Advisory Committee. Institute of Pathology, I.C.M.R., New Delhi.

DEPARTMENT OF CARDIOVASCULAR & THORACIC SURGERY**Conferences, Updates & Workshops :**

- I -- Annual conference of the Indian Association of Cardiothoracic Surgeons was held at Calcutta in February 20-23, 1992. This was attended by following members from the department.
- Mrs. Magotra, Tendolkar, Agrwal, Gupta and Honnekeri-All faculty Members.
- Mr. Osswal, Sinha Mukadam -- Residents.
- Sister I/C CVTC C.T. and I.C.U. - Sr. Kartha and Sr. Mary.

Senior Staff Nurses from O.T. & I.C.U./S/N Lobo, S/N Valeric and Ms. R. Abdul (Perfusionist) also attended the conference. This was the first time that nursing staff from the department attended the meeting alongwith Doctors. The nursing staff felt this participation stimulating and interesting.

Dr. R. A. Magotra chaired a scientific programme on future of heart valves where two new valves were also discussed.

Dr. A. G. Tendolkar participated on a Symposium on Surgery for Aortic Aneurysms.

Following scientific papers were presented during the meeting.

1. Haemodynamic evaluation of Carbomedics bileaflet valve--Dr. R. A. Magotra.
 2. Operative Techique and results or re-replacement of prosthtic heart valve -- N. B. Agarwal.
 3. Non-invasive assessment of Pulmonary Hypertension after surgery in children with VSD and severe PH-Dr. R. B. Gupta.
 4. Comparison of Bank Blood Requirements following open heart surgery (Dilip Oswal).
 5. Evolving concepts in the management of Fontan type operations. -- Dr. S. T. Honnekeri.
 6. Civilain Carotid Injuries -- a spectrum of presentation and its Management -- Dr. S. T. Honnekeri.
 7. Management of massive Haemoptypis - a combined approach (P.P. Sinha)
 8. Aortic Valve Replacement in patients with s-wpressed left Ventricular function.-- Dr. P. P. Sinha.
 9. Our experience with ruptured aneurymys of the decending aorta. - Dr. M. E. Mukadam.
 10. Effects of anoxia on intramyocardial Thromboxene A2 level in various parts of human hearts -Schin Gupte.
- II A miniworkshop on Paediatric Cardiac Surgery with Dr. Roger B. Mee at All India Institute of Medical Sciences, New Delhi, immediately preceding Annual Conference at Calcutta, was attanded by Dr. Magotra and Dr. Tendolkar.
- III Symposium on Hospital Infections -- Dr. Magotra, 6th November 1992 at K. E. M. Hospital.
- IV December 4, 5, 6--1st Joint Symposium on `New Delhi jointly by Escerts Heart Institute, New Delhi and New York University Hospital, New York. The participation was by invitation. Dr. Khandeparkar and Dr. Magotra attended the symposium, later as Faculty Member.
- V
1. Surgical management of Tetrology of Fallot with anamalous conoary artery. J. Post Grad. Med. 37 : 148-151.
 2. Repeat open heart intracardic operations : An analysis of 55 patients, India Heart J 1990, 42 : 109-111.
 3. Temporary intravasular shuts in civilian vascular Trauma J Post Grad Med. 1992, 38 : 68-69.
 4. Raediatric Perfusion - our approach, Indian J of Extery Corp. Tech. 1991, 2 : 81-84.
 5. Ruptured Pseudoaneurysm of cervical internal carotid artery in a child J Post Grad Med. 1991, 37 : 225-228.
 6. Tetrology of Fallot with complete ateriventricular canal : A report of successful surgical treatment Ind Heart J 1991, 43, 385-387. (NBA, JMSK, AKH, DHO, RAM).
- GUEST LECTURES :**
1. Dr. Tendolkar gave a two day lecture series to the students at Bakken Institute of Education, Vadodara : December 29, 30 1991.
 2. Dr. Magotra was invited for a guest lecture to the Bakken Institute of Education & Medtronic School of Extracorporeal Perfusion Technology, Vadodara - 5-1-1992.
Visit and talk to Cardiac Surgeons : S.G.S. Hospital, Vadodara 5-1-1992.
 3. Dr. Tendolkar was invited to conduct a two day teaching session by Maharashtra chapter of India Association Perfusionist July 1992.

DEPARTMENT OF OBSTETRICS & GYNAECOLOGY :**Conference, Workshop seminar attended :****Dr. M. S. Bhattacharya, Head & Professor :**

1. Microsurgery workshop held on recanalisation from 1-1-1992, to 14-1-1992 for Dr. P. K. Sharama, Dr. B. Bhardwaj, Gandhi Medical, College, Bhopal.
2. T. O. T. (Training of Trainers) for Standard of Male & Female Sterilisation from 27-2-1992 to 29-2-1992.

Dr. S. S. Sheth -- Hon. Professor :

1. Attended 'Advanced Gynaecological Endoscopy Surgery Workshop at N. Wadia Maternity Hospital from 16th to 17th March, 1992.
2. Convenor and part of Faculty Endoscopy workshop, Department of obst. & Gyn. K. E. M. Hospital & Seth G. S. College held 23rd to 27th March, 1992.
3. Inaugurated Ahmednagar Ob. Gyn. Society & Decture on 'SUI (held in 11th March, 1992.
4. Delivered lecture at Herlev University, University of Copenhagen, Denmark held in 23rd June, 1992.
5. Attended Annual Conference of Association of American Physicians of India, Michigan, Detroit, U.S.A. of Faculty for C.M.E. and panel discussion held in 26th to 29th June 1992.
6. Attended and delivered lecture at Royal Free Hospital, London, U. K. and St. Georges Medical School, London, U. K. held in 2nd July, 1992.
7. Attended British Congress of Obsterics & Gynaecology at Manchester, U. K. held in 7-10th July, 1992.
8. Attended Annual Conference of Poona Obstetric & Gynaecological Society, Pune held in 26-27th September, 1992.
9. Lecture and part of symposium for 1st Advanced Training workshop in Hysteroscopy - Medigrad, Wattumal Hospital and Searock Hotel, Bombay held in 10-11th October, 1992.
10. Scientific programme - Chairman at the workshop on 'Gynaecological operative oncology' by Mr. J. M. Monaghan in the Department of obst., Gyn. and continuing Education cell Seth G. S. Medical College & K. E. M. Hospital, Bombay held in 28th October, 1992.
11. Chairing a session of World Fertility & Setrility conference Caracas, Venezuela and also presenting a paper at the conference held in 22-27th November, 1992.
12. Lecture delivered on 'Oophorectomy' at Vaginal Hysterctomy' at Cornell Medical centre, New York, U. S. A. held in 2nd December 1992.
13. Guest speaker (Part of symposium) on Endoscopy at 19th Annual Staff conference of Research Society of B. J. Medical College, Pune held in 5th December, 1992.
14. Organiser, Faculty member and chairman for the hysteroscopy workshop at Delhi for All India Federation Obstertric & Gynaecological Societies.
15. Participated in symposium at All India Ob. Gyn. Congress at Delhi held in 27th - 30th December, 1992.
16. Attended Pist Congress Perinatology workshop at Delhi held in 31st December, 1992.

Dr. U. R. Krishna -- Hon. Professor :

1. Attended 4 Travelling seminars in Gujrat & lectured delivered on 'Recent Advances' in Obst. & Gyn. held in January to March 1992.
2. Lecture delivered on 'Low Birth Weight Baby' at Patiala Obst. & Gyn. Conference held in 19th April, 1992.
3. Lectured on 'LUGR' at Mysore Ob./Gyn. Society held on 4th July, 1992.

Dr. U. R. Krishna -- Hon. Professor :

4. Panel discussion on 'Induction of Labour' at Thane on 12-7-1992.
5. Nagpur, Wardha, Amravati (Travelling Seminar), lecture on 'Post partum emergencies' held on 24th to 27th July, 1992.
6. Lecture delivered on 'Development contraceptives Technology an Indian Experience' at National Seminar on alternate approaches to Family Welfare Orissa Held on 29th, 31st July, 1992.
7. Lecture delivered on 'Place on Medical Methods for termination of early Pregnancy' at Asia Oceania Congress, Nagercoil held on 24-25 August, 1992.
8. Lecture delivered on 'Obstetric Emergencies & management of PPH' and moderator of panel discussion on Induction of Labour at Kolahapur on 29-8-1992.
9. Lecture delivered on 'Complications of Third Stage of Labour' at Satara Held on 30-8-1992.
10. Lecture delivered on 'health Awareness Course' at FOGSI & SNDT University at Bombay on 7th-18th September, 1992.
11. Lecture delivered on 'Placental In-Sufficient' at with Karnataka State Ob/Gyn Societies Conference, Davangere held on 12-9-1992.
12. Lecture delivered on 'Induction of Labour' at CME Pune Obst. Gyn. Annual Conference held on 27th September 1992.
13. Lecture delivered on 'Early pregnancy wastage' at International conference on Fertility Regulation held on 8th November 1992.
14. Lecture delivered on 'Endometrial Abortion' at Bombay Endoscopy conference held on 22nd November 1992.

Dr. S. V. Parulekar. -- Professor :

1. Attended Advanced Training workshop on Breast Feeding arranged by BFHI, August, 1992.

Dr. Y. S. Nandanwar : Professor :

1. Paper presented on 'Haematocervix' at State Level conference at Miraj, Kolhapur, Satara February, 1992.
2. Convenor for FOGSI Travelling Seminar on 'Obstetric Emergencies' at Nagpur, Amravati, Wardha, Sewagram on 24th to 28th July, 1992.
3. Lecture delivered on MCH workshop on 16th September 1992 on 'Preterm Labour' at Seth G. S. Medical College & K. E. M. Hospital.

Dr. V. S. Salvi : Associate Professor :

1. Lecture delivered on 'Intra Uterine Transfusion in Rh-isommunization - A Preliminary Experience' at XX conference Bombay Ob-Gyn Society held on 28th March, 1992.

Travelling Seminar :

1. Aurangabad 11-4-1992 : Lecture on 'Mismanged III stage, Obstetric annual.
2. Nasik 12-4-1992 : 'Mismanaged III stage Obstetric annual lecture delivered and panel discussion on 'Induction of Labour'.
3. Thane 12-7-1992 : Lecture delivered on Complicated Obstetric annual and panel discussion on 'Induction of Labour.
4. Satara 29-8-1992 : Lecture delivered on 'Complication of III stage, discussion of panel on 'Induction of Labour'.
5. Kolhapur 30-8-1992 : Complication of III stage lecture delivered and panel discussion on 'Induction of Labour'.

Convenor :

1. Seminar on current concepts & Clinical research in Perinatology – 9th February 1992.
2. Convenor - BOGS Committee on 'Perinatal Mortality' 1992.
3. Convenor workshop on Gynaec Operative Oncology held on 28th October, 1992 at department of Obst. & Gyn., K. E. M. Hospital.

Dr. S. A. Dalvi : Associate Professor :

1. Surgical management of stress Urinary incontinence' presented 36th All India Congress conference at Delhi December, 1992. Awarded Best paper Prize for the official theme of the subject.
2. 'Glycosylated hemoglobin : How it guides decision making in diabetic pregnancy (co-author).
'Place of caesarian section in preterm fetuses' (Co-author) (Paper presentation).
'Role of Vaginal cophorectomy in high risk menorrhagia' (poster presentation) (co-author).
At 36th All India Congress conference (Delhi) December 1992.

Dr. V. S. Raut : Associate Professor :

1. Participated in CME conference 'Stress incontinence' Gujrat, February, 1992.
2. Medical Association Seminar 'Urological problems in Obst. & Gyn. at Thane, September 1992.

Dr. O. D. Batwar - Sr. Lecturer :

1. Attended Gynaec Oncology workshop at Tata Hospital, Bombay from 28th to 29th March 1992.
2. Lecture delivered on MCH workshop on 16th September 1992 on 'ANC Care' at Seth G. S. Medical College & K. E. M. Hospital.

Dr. M. N. Waswani -- Lecturer :

1. Convenor : Gynaecological Endoscopy course from 23rd to 27th March, 1992.
2. Lecture delivered on MCH workshop on 16th September 1992 on 'Antepartum haemorrhage' at Department of Obst. & Gyn., K. E. M. Hospital & Seth G. S. M. College.

Dr. C. V. Purandare, -- Lecturer :

1. Attended 'Gynaec oncology workshop' at Tata Hospital, Bombay from 7th to 8th March, 1992.
2. Attended Bombay Ob. Gyn. Annual conference held on 28-29th, March 1992.
3. Attended Pune Ob. Gyn. CME and Conference held on 14th -- 15th April, 1992.
4. Attended Hyteroscopy workshop Medgrad R. Watrumall Hospital, held on 9th-10th October, 1992.
5. Lecture delivered at M. C. H. workshop 'Toxemia of pregnancy' on 16th October, 1992.

Dr. L. V. Jhalem -- Lecturer :

1. Presented paper on Hydroureters & hydronephrosis in prolapse in Annual BOGS conference held on 28-29th March, 1992.
2. Presented paper at All Maharashtra conference in Miraj.
3. Attended Gynaec Oncology workshop at Tata Hospital held on 7th-8th March 1992.
4. Lecture delivered at M.C.H. workshop 'Rupture uterus & post partum haemorrhage' held on 16th October 1992 at Seth G. S. M. College & K. E. M. Hospital.
5. Speaker for FOGSI Travelling Seminar on 'Obstetric Emergencies' at Nagpur, Wardha, Sevagram on 24-28th July, 1992.

Dr. N. M. Mahadeo -- Lecturer :

1. Attended Gynaec oncology workshop at Tata Hospital, Bombay held on 7th to 8th March, 1992.
2. Speaker for Travelling Seminar for Nagpur, Wardha, Nagpur held on 24th to 27th July, 1992.
3. Attended workshop in Breast feeding at Sion Hospital held on 13-10-1992 to 16-10-1992.
4. Lecture delivered at M.C.H. workshop 'Important medical disorder at Seth G. S. M. College & K. E. M. Hospital.

Publications :**Dr. M. S. Bhattacharya - Head & Professor :**

'Role of Ultrasonography in early pregnancy complications' Co-author, J. Postgraduate Medicine, Vol. XXXVIII No. 3, Page Nos. 115-116, July September 1992.

Dr. S. V. Parulekar-Professor :

BOOKS : 1. Photographic atlas of Gynaecologic and Obstetric procedures Baloni Publishing House, 1992.

2. Practical Surgery, Vora Medical Publications, 1992.

3. Gynaecologic & Obstetric Procedure, Vora Medical Publication, 1992

PAPERS : 1) 'Hemicerclage of Cervix' J. Obst. Gynaec. India 42,98,1992.

2) 'Enhancement of colposcopic image with salicylic alcohol and 70% alcohol. J. Obst. Gynaec, India 42:83, 1992.

3) 'Significance of negative hysteroscopic view in abnormal uterine bleeding' J. Postgraduate Medicine, Vol XXXVIII No. 2 page Nos. 62 to 64, April -June 1992.

Dr. Sujata Dalvi - Associate Professor :

PAPER : 1) 'Extra hepatic portal hypertension and pregnancy' Published in August 1992 issue J. of Obst. & Gyn. of India.

2) 'Role of Vaginal oophorectomy in high risk menorrhagia - case report accepted for publication J. of Obst. & Gyn. of India.

Dr. L. V. Jhalam - Lecturer :

1) 'Role of ultrasonography in early pregnancy complications'.

J. Postgraduate Medicine, Vol. XXXVIII No. 3, Page Nos. 115-116, July September 1992.

Department Organised Workshop and Scientific programme :

1) Microsurgery workshop on recanalisation from 1st January 1992. to 14th January 1992.

2) Workshop of Training of Trainers for Standard of Male & Female sterilisation from 27-2-1992 to 29-2-1992.

3) Seminar of Labour Analgesia on 1-3-1992.

4) Gynaecological Endoscopy course from 23-3-1992 to 27-3-1992.

5) Workshop on 'Gynaecological operative oncology' on 28-10-1992 by Mr. John Monaghan, U. K.

DEPARTMENT OF MEDICINE :**Presentations in the field (1992) were as follows :**

1) CME contribution of "Hyperlipidemias" by Dr. M. E. Yeolekar 47th Joint Annual conf. of API, 17-21 Jan. 1992, Patna.

2) Ch/HDL chration in habitual fish eaters F. K. Pardiwala, ME Yeolekar, SP Taskar. Paper presented by Dr. M. E. Yeolekar at free paper session (20-1-92) 47th Joint Annual conf. of API, 17-21 Jan. 1992.

Patna (Jt. Assec. PHY. India, Dec. 1992, Abstric).

- 3) Presentation on "Clinical biochemical aspects of lipide" Annual Day Scientific session of Association of Hospital and practicing Biochemists, Bombay, 26-4-1992 at Wadia Hospital, Bombay.
- 4) Presentation on "Cerebral Atherosclerosis" Dr. M. E. Yeolekar 6th Scientific meeting of India Society for athrueclaroais Research (Bombay chapter) at KEM Hospital 14-9-1992.
- 5) Lecture-presentations on :
 - a) Serum lipid Profile, evaluation and clinical interpretation,
 - b) Role of fibronogen in atheroslerois. by M. E. Yeolekar at 5th Annual conf. of India Society for Atharosclerosis Research Sri Venkateswara Institute for Medical sciences, Tirupati (AI) 21-23rd November 1992.
- 6) Paper presentation : "Lipid abnormalities in Hypertensives," M. E. Yeolekar, S. V. Tandel, S. P. Taskar presented by Dr. M. E. Yeolekar at the International congress on Heart and Hypertension. National Council of Hypertension, India, 3-6th December 1992, Bombay.

Presentation (1992) : Dr. M. E. Yeolekar :

1. Lecture on "Newer diagnositic aids in therapy of infection" at Interctive update session in clinical Medicine. XI VII Joint Annual conference of Association of physicians of India, January 17-21, 92 Patna.
2. Scientific free paper session Presentation "Blood glucose and plasma insulin in acute crebrovascular stroke" at 47th Jt. Annual conf. of API, Patna, Jan. 17-21, 1992.
3. Scientific free session : An analysis of CT scan proved intracerebral haemorrhage", at 47th Ex.-Jt. Annual conf. of API 17-21 Jan. 1992, Patna.
4. Symposium presentation : Approach to endocrine hypertension" Annual conf. of National Council of Hypertension, 17-21 Jan. 1992. Patna.
5. Scientific free paper session : Subural hygroma in elderly" at Annual conf. of Geratric Society of India, 17-21 Jan. 1992 Patna.
6. Symposium presentation : Strokes in the Elderly, Annual Conf. of Geratric Society of India, 17-21 Jan. 1992, Patna.
7. Free paper session : Jhird National symposium on Vectors and Vector Borne disease" Falciparum Malaria with Gastrointestinal Menifestations" Hafkine Institute, 29-30th Sept. 1992, Bombay.

DEPARTMENT OF NEUROSURGERY :

Scientific papers published in national and international Journals, books :

- 1) Dr. S. K. Pandya : Goel A. Satoskar AR, Desai AP, Pandya SK, Brain abscess caused by cladsperium Trachoides. British Journal of Neurosurgery 6-589-591, 1992.
- 2) Pandya SK, Chapter 2 The blood-brain barrier (Page 790-791)
- 3) Cerebrospinal fluid (Pages 791-794) Chapter 27. Hydrocephalus, raised intracranial tension, benign intracranial hypertension (Pages 929-933).
Chapter 28. Neoplasitic diseases of the brain (Pages 933-937). In : Sainani GS (Ed) A.P.I. Text Book of Medicine. Association of Physicians of India, Bombay, 1992.

Dr. R. D. Nagpal : Nil.

Dr. A. P. Karapurkar :

Karapurkar AP : Endovascular treatment of cerebral arterievenour Malformations. Journal of Postgraduate Medine 38, 75-78, 1992.

Dr. Atul Geel :

1. Sateskar AR, Geel A, Desai AP, Usgaonkar TA, Intracranial hemerrhage and death after Ioboxel mylography. Journal of Neurology, Neurosurgery Psychiatry. 54, 1119-1120, 1991.
2. Geel A, Sekhar IN, Anomoulous Suburcuarte artery, Journal of Neurosurgery 75, 985-986, 1991.

3. Shekhar IN, Geel A, Tenterial maingioma. Chapter in : Regachary S, Wilkines RW (Editors) American Association of Neurological Surgeons Fascicile 1,473-483. 1991.
4. Geel A : Tending atiches for the scalp, British Journal of Neurosugery 6, 357-258, 1992.
5. Geel A, Satoskar AR, Desai AP, Pandya SK, Brain abcess caused by Cladosperium Trachoides. British Journal of Neurosurgery 6, 589-591, 1992.
6. Sekhar IN, Geel A, Sen CN : General Neurosurgical techniques and instrumentation in crainal base surgery. IN : Sekhar IN, Janecka IP (Eds.) Atlas of Skull base surgery, Baven Press, New York, 1992.
7. Sekhar IN, Geel A : Cambined supra and infra-tenterial approach to large pineal region meningioma. Surgical Nourology 37, 197-201, 1992.
8. Mehta BJ, Ramakantan R, Piparia GH, Hande AH, Geel A, Satoskar AR : Clinical implications of acute CSF changes following iophemdylate mylegraphy. Journal of Postgraduate Medine 38, 10-12, 1992.
9. Geel A, Sekhar IN, Langheinrich W, Kamerkar D, Hirch B; Late course of prservated hearing and tinnitus after acoustic neurilemoma surgery. Journal of Neurosurgery 77, 685-689, 1992.
10. Geel A, Skull base surgery - general considerations, Surgical exposures to anterior and middle cranial base - excluding cavernous sinus :
Surgical exposures too extraduralclinus tumour : Surgicalexposure to caveraous sinus
Chapter in : Appuze M (Editer) Brain surgery - complication and avoidamce. Churchill Idivingstome.

Dr. Ashok Hande :

Mehta BJ, Ramakantan R, Piparia GH, Hande AH, Geel A, Satoskar Ar, Clinical implications of acute CSF changes following iophemdylate mylagraphy. Journal of Postgraduate Medicine 38, 10-12, 1992.

Meetings Attended :

S. K. Pandya :

1. Chairperson : Seminar on Medical Books in India. National Book Trust and National Medical Journal of India, New Delhi, 9, Feb. 1992.
2. Seminar on neurotuberculosis, Grant Medical college and J. J. Hosp. 22nd February 1992. Paper Clinical persupectives an neurotuberculosis.
3. Medical Advisory Committee Meeting. Project an Neural Transplantation, All India Institute of Medical Sciences, New Delhi. 24th, February 1992.
4. Meeting of the Deccan Surgical Society, Amba Bhat, Kolhapur, 8th, March 1992, Guest lecture Scope of modern neuresurgery.
5. Staff selection Committee Meeting, Sree Chitra Institute of Medical Sciences and Technology, Trivandrum, 25th, March 1992.
6. Meetings on multicentric Trial on the Chitra hydrocephalus shunt system. Sree Chitra Institute of Medical Sciences and Technology, Trivandrum, 26th March 1992.
7. Meeting on the AIR programme Human evolution. Mahabalipuram, Madras. 27-28, March, 1992.
8. Meeting on lipesonal amphotericinieshmoniasis, Department of Biotechmology, Government of India, New Delhi, 28th, April 1992.
9. Meeting onthe AIR program Humanevelution, CSIR, New Delhi, 3-4 August 1992.
10. Academic Committee Meeting, National institute of Mental Health and Netrological Sciences, Banglore, 2nd, Sept. 1992.
11. Meeting of the Academy of Medical Scienes, Nagpur. Sympesium on Extrapulmenary tubercu losis, 13th, Sept. 1992, Paper : Tuberculosis of the nervous system.

12. VI Maharashtra Convention of Anesthewiologists, Kolhapur, 19th September 1992. Guest lecture : the evolution of neure-anesthesia as seen by a neuresurgeon.
13. Indian Burms Research Society. Sympesium on Clinical Research in Surgery-A Burn Model. Bai Jerbai Wadia Hospital, Bombay, 31st Oct. 1992, Paper : What is research?
14. Indian Medical Association, Dhulia. 27th December 1992. Guest Lecture : Tuberculosis of the central nervous system.
15. Dr. P. N. Borry Scholarships Selection Committee Meeting, New Delhi, 5, 6 December 1992.

Dr. R. D. Nagpal :

Indian Medical Association, Dhulia. 27 December, 1992. Guest Lecture : Cushing's disease.

Dr. A. P. Karapurkar :

1. Guest speaker at XXIX National Conference of India Academy of Pediatrics at Nagpur, 10th January 1992. Paper : Experiences with craniosyagstesis.
2. Guest lectures on cramosynostosis and Endevascular neurogurgery at Madurai Medical College and Hospital, Madurai, 4, 5 June 1992.
3. Workshop on PLIP, Plates and screws, L. T. M. Sion Hospital, Sion, Bombay 11, 12, October, 1992. Paper PLIP related biomechanics of lumbar spine.
4. Workshop on surgery on the skull base, National Institute of mental Health and Neurological Sciences, Banglore, 7-9 December, 1992. Participated in panel discussion on anomalies at the cranievertebral junction.

Dr. Atul Geel :

1. Indian faculty member,Workshp on surgery on the skull base, All India institute of Medical Sciences, New Delhi. 4-6 December, 1992.
2. Indian faculty member, Workshp on the skull base, National Institute of Mental Health and Neurological Sciences, Banglore 7-9 December 1992.
3. Guest speaker, meeting of Association of Otelaryngologists of India (Bombay branch) 22nd, November 1992. Paper : Recent advances in skull base surgery.

Dr. Ashok Hande :

Workshop on surgery on the skull base, National Institute of Mental health and Neurological Sciences, Banglore, 7-9 December 1992.

Dr. Rajesh Pasricha :

Workshop on surgery on the skull base, All India Institute of Medical Sciences New Delhi, 3-5 December 1992.

DEPARTMENT OF ORTHOPAEDICS :

Dr. V. J. Laheri :

1. Clinical & Cadaveric work for joint Replacement Craniovertebral junction.
2. PLIP Workshop at Lahore in May' 1992 at of Neurosurgical Society and in October 1992 at Sion Hospital, Bombay.
3. ASSI Workshop (Spinal Meeting) at Mahabaleshwar in February 1992.

Dr. B. R. Patel :

1. Organiser : Bombay Orthopaedic Society - November, 1992, Conference continued fracnantric - Fixation without Orthopaedic table.
2. Organiser - Bombay orthopaedic Society - November, 1992 -- Conference Osteo elastoma.
3. Organiser : Gujrat Orthopaedic Assoc. - November 1992, Conducted symposia on Law Backache.

4. Organiser : Gujrat Orthopaedic Assoc.-Rajket November 1991 - Talk on Total Hip and knee replacement -Seminar.
5. Attended American Academy of Ortho. Surgery - Feb. 1992 at Washington U.S.A.
6. Journal of Post Graduate Medicine - K.E.M. Hospital July, 1992 Bizome Parostreel Ostechendra foot.

Dr. S. Y. Bhojraj :

1. January 1992 to June 1992 - six months leave (on own leave - NOT study leave) for 'Hande on' Clinical Fellowship in Spinal surgery at the University of Louisville, Kentucky USA, Fully licensed by the Kentucky Board of Medical Licensure.
2. Actively participated in the proceedings of the 3rd combined meeting (American & European) of the Cervical Spine Research Society, held at Greece (Athens) from 25th to 28th June 1992 presented 2 Scientific Papers.
3. a. Post traumatic spondyloptosis of the cervical spine - A new clinical entity (and presentation of a new management Protecael).
- b. One stage front and back correction for Rigid cervical Kyphosis a new technique of surgical correction.
4. April 1992 Paraplegia (International Journal of the spinal cord) Published the article titled Embolization. Transpedicular Decompression & Posterior stabilization for metastatic disease of the dorsal spine presenting with Progressive paraplegia.
5. Faculty at the following CME : August 1992 Nasik Orthopaedic Association CME Session. Guest Lecture, Extradural Cord compression a review of 151 operated cases.

Dr. P. B. Bhosale :

1. Madras December 1992 at India Orthopaedic Association Annual Conference " Monofocal distraction for the treatment of difficult non-unions"
2. New surgical technique for the management of Koch's spine with Neurological deficit by global decompression & Steffee's plating at WIROC January 1992.
3. "Varus Extension Containment Osteotomy in 39 cases of Perthes disease.
A new method at WIROC. January 1992.
4. "Intermedullary compression screw for the treatment of clavicular fractures" WIROC, Jan. 1992.
5. "Deformity correction using External Fixators" Annual conference of Maharashtra State Orthopaedic Conf. Oct. 1991.
6. Intermedullary cystic appendix with paraplegia after excision and recovery Jan. 1992 at WIROC.
7. Conducted Intermedullary quiz at WIROC' 1991.

Research Activities :

1. Spinal cord reconstruction for traumatic paraplegic patients with more than 4 month a duration.
2. Recovery of paralysed nerves using Ilizarev's fixator disputation.

DEPARTMENT OF PAEDIATRIC SURGERY :

1. Participated in the XVIII Midterm conference of IAPS and presented a paper on "Usual oesophageal Obstruction" at Bombay.
2. Presented paper on Lumbotomy - Pyelostomy as a high Urinary diversion procedure our experience", during XVIII Midterm conference of IAPS at Bombay.
3. Read a paper on our experience with 30 cases of tracheoesophageal fistula" at XVIII mid-term conference of IAPS at Bombay.

4. "Unusual complication of shunt surgery for hydrocephalus" this paper read during XVIII midterm conference of IAPS at Bombay.
5. "Our experience with stage repair of hypospadias" This paper presented during XVIII Midterm conference of IAPS at Bombay.
6. "ISOPARB 1992 Conference attended by Dr. Rakesh S. Shah at Baroda.
7. attended Silver Jubilee workshop on "Technology transfer" by all the staff members of the department at J. J. Hospital, Bombay.
8. Participated and presented a paper on "Transpubic ureteroplast" during MASCON - 93 conference at Bombay.
9. Presented a Video Film of the Operation on "ORC loplexy" during MASION-93 conference at Bombay.

Publications :

1. Benign meenal pneumoperitonou - An Enggma - A case report
Journal of Post-graduate Medicine.
2. Adeno-Carcinoma of the colon in a child - Journal of Post-Graduate Medicine.

DEPARTMENT OF CARDIOLOGY :

Important achievements of the staff and department during the year, visit of staff members to attend scientific conference, training etc.

1. Dr. Hema Kulkarni invited to be a member of high level technical advisory committee of the institute of cardiology Civil Hosp. Ahmedabad.
2. Dr. P. A. Kale, Dr. Hema Kulkarni, Dr. Bharat Dalvi invited to be visiting professors to Civil Hosp. Ahmedabad. They conducted cardiac angiography and interventional training programme for D. M. Cardiology, post graduate.
3. Dr. Jagmeet Singh, Registrar in Cardiology, won Shirin Mehtaji award for the best research paper presented, organised by All India Medical Women's Association held at Wadia Maternity Hospital October 27, 1992.

List of Publications of the department :

1. Atrioventricular septal defect with tetralogy of fallot - Dr. Dalvi BV, Gupta NG, Sharma S., Cardiology in Young 1991; 1:396 - 398.
2. Therapeutic guidelines for congenital complete heart block presenting in pregnancy. Dalvi BV, Chaudhari A, Kulkarni HL, Kale PA, Obst Gynecol. 1992 : 79:802-804.
3. Unruptured congenital left sinus of valsalva presenting as acute right ventricular failure. D'silva SA, Dalvi BV, at al chest 1992, 101, 578-579.
4. Balloon aortic valvuloplasty in congenital aortic stenosis Dalvi BV, J. Am Coll. Cardiol 1991 : 18: 1831 (Letter)
5. Direct extension of bronchogenic carcinoma through pulmonary veins into left atrium mimicking left atrial myxoma. Mohan VK, Deshpande JR, Dalvi BV, Kale PA, Chest 1992 : 101 : 1722-1723.
6. Tuberculous pericarditis. Dalvi BV JAMA.
7. Balloon atrial septostomy via the umbilical vein. Kerkar PG, Dalvi BV, British Heart Journal 1992 : 67:205-206 (Letter).
8. Superior-inferior ventricles with normal atricular and ventricular arterial connections. Lokhandwala YY, Dalvi BV, India Heart Journal.
9. Streptokinase therapy in thrombosed Bjork-Shiley prosthesis in aortic position. Mohan VK, Dalvi BV, et al. Br. Heart J.
10. Thrombosed Carbomedics Prosthesis in tricuspid position : successful therapy with intravenous streptokinase. Mohan VK, Dalvi BV, at al Chest.

11. Ballon angioplasty for native aortic coarctation : Kale AP, Lokhandwala YY, Kulkarni HL, Dalvi BU, Sathe SV, Rajani RM, Mohan VK, D'Ilva SA, Indian Heart J.
12. Long term results of parcutaneous transluminal valculoplasty in 62 patients with valvular aortic stenosis. Kale PA, Sathe SV, Lokhandwala YY, Rajani RM, Kaneria VK, Dalvi BV, Indain Heart J.
13. Intracardiac needle in a man with self injurious behaviour presenting with only a heart murnur. Jaymeet PS, D'silva S, Lokhandwala YY, Dalvi BV, Thorac cardiovas. Surgeon.
14. Echocardiographic guided balloon pericardial window for malignant pericardial effusion. Vora A. M. Lokhandwala YY, Dalvi BV, a thet. cardiovas. Diagn. (letter).
15. Radioopaque tipped Mullin's sheath Dalvi BV, Vora AM, Kerkar PG, Cathet Cardiovasc. Diagn (Letter).
16. Ventricular tachycardia with retrograde 2:1 conduction masuerading as T wave altermans. Vora AM, Dalvi BV, Joshi M. Lokhandwala YY, Kulkarni HL, Am. Heart J.

DEPARTMENT OF SOCIAL SERVICE :

1. "A Role of psychiatric social worker and social thereapy with psychiatric patients" to undergraduate medical student, placed in Psychiatric Department.
2. Working of Social service Department" to the nursing staff of the hosp.
3. "Role of Medico Social worker in the hospital settings" to the visting dotors of Armed Forces Medical College.
4. "Issues related to Physically handicapped" to the members of council of International followship.
5. "Role of Medico Social Worker" to the staff of hospital as part of educationcel of the hospital.
6. "Lecture on vocational guidance for physically handicap."
7. Talk on "Insurance scheme" available for Orthopaedic patient and their relations.

Papers Read :

A paper was read on "Psychosocial aspects of opiloptic patients".

DEPARTMENT OF CHEST MEDICINE & EPRC :

Scientific papers published in National & International Journals :

1. Editorial in JAPI Vol. 39 August 1992.
'Hepatitis and antitubercular Therapy'
2. "Effect of Bromkexaine on Sputun Amonycillin levels in lower respiratory infection". Respiratory Medicine 1992, 86 : 157-160.
3. Sequential Respiratory Psychologic and immologic studies in relation to methyl Isocynate exposure over two years model development Environmental Health Perspective 1992, 197:241-253.
4. "Ductal aneurysm resenting an acute lung collapse", 1992, 40:475-476.
5. "Progressive nonstructual acolosis in an adenocareinoma bronchus". Lung India 1992, 10(1), 31.32.
6. Visceral pleural Biopsy by bronchoscopic Cup blops foreeps. Thorax Sept. 1992.

APPENDIX -- IX

DEPARTMENT OF PATHOLOGY :

Research Projects :

The members of the Faculty carrying out many research projects independently and in collaboration with the clinical Department.

1. Biochemical studies of Opioid peptid and biogenic amines in opiotic addicts. BRNS-QAE Project. Shri Dinesh Uchil & Dr. A. P. Desai.
2. Histological and histochemical studies of muscle in neuromuscular diseases.--Dr. A. P. Desai & Dr. Rajat Goyal.
3. Detection of antibodies against Mycobacterium tuberculosis and cysticerci in CSFs.-Dr. A. P. Desai & Smt. S. M. Kamat.
4. Nuclear organizer regions (NORS) in benign and malignant breast lesion. - Dr. A. A. Pandit, Smt. P. H. Khilnani & Dr. P. Vaideshwar.
5. Expression of prostatic antigen (PSA), Prostatic Acid Phosphatase (PAP) and inhibin in prostatic carcinoma, benign hyperplasia and atypical hyperplasia. Dr. B. V. Mittal in Collaboration with Dr. S. Y. Jade and Dr. A. R. Sheth from the IRR.
6. Evaluation of the effect of Tinospora cordifolia in prevention of renal damage in obstructive jaundice - Dr. B. V. Mittal and Dr. N. Rege (Deptt. of Pharmac.).
7. Evaluation of cytoprotective effect of Gokhur on Ayurvedic agents and its comparison with Verapanil and Captopril.-Dr. B. V. Mittal and Dr. N. Rege, Dr. D. Nagarkatte (Deptt. of Pharmacology).
8. Detection of antiendothelial and antiepthelial antibodies in renal transplant cases.-Dr. Smita Bijur & Dr. B. V. Mittal.
9. Monitoring of renal transplant recipients by serial post-transplant screening for cytotoxic antilymphocytic antibodies.
Dr. S. Bijur and Dr. V. N. Acharya (AKD).
10. Polymorphonuclear cell function in patients with urinary tract infections-Dr. S. Bijur and Dr. V. N. Acharya (AKD).
11. Bronchialveolar analysis in dialysis patients and renal transplant recipients. -Dr. S. Bijur, Dr. V. N. Acharya (AKD) and Dr. A. Mahashur (Chest = Med.).

TUMOR CLINIC :

Research : Department has well equipped experimental surgery laboratory. Approximately 200 operations were carried out in this laboratory Following research projects are being carried out in this year.

1. Immuno modulation due to Tinospora cordifolium.
2. Role of LDH/CRP in Pancreatitis.
3. Role of shunt surgery in reducing hypersplenism in portal hypertension,
4. Role of amino acid infusions in surgical nutrition.
5. Role of Amlant in Non ulcer dyspepsia.
6. Clostabol acetate in wound healing.
7. Laparostomy in septic abdomen : use of Meshplasty.

APPENDIX -- III

SOCIAL SERVICE DEPARTMENT :

Lectures/Seminars/Workshops/Meetings attended by M.S. Ws.

1. All the M. S. Ws. attended course on "Hospital Administration" organised by 'Abhyas Manch' of the Municipal Corporation in February & March 1992.
2. Mrs. D. R. Javeri, M.S.W.-C.V.T.C. attended workshop on 'Urban Health care' organised by Bombay Branch of Indian Association of Preventive, Social Medicine,
3. M.S.W. Psychiatric Department was invited to and participate in the National Seminar of the "Drug De-addiction", by National Addiction Research centre (NARC).
4. Psychiatric M. S. Ws. attended clinical meetings of Bombay Psychiatric Society for case presentation in different Municipal and Government hospitals. The academically interested cases are presented and discussed in the above meetings.
5. A seminar was arranged was arranged by M.S.W. of Neurology Deptt., to highlight the problems of the epileptic patients in the industries for the personell officers of the various industries.

VISITS :

More than 400 visits were made in person by the M. S. Ws as and when required for the patient's therapeutic and rehabilitation work.

Dr. K. K. DATEY DEPARTMENT OF CARDIOLOGY

List of research projects conducted in the department during the year 1992.

1. Effect of Head low position on body water in constrictive pericarditis -- Dr. Dalvi.
2. Correlation of false positive ECG exercise test in hypertension--Dr. Yash Lokhandwala.
3. Oral Enalapril Vs. Oral Digoxin in patients with congestive heart failure (left ventricular and biventricular failure)-Dr. Gupta.
4. Value of stress echocardiography in Ischaemic heart disease-Dr. P. A. Kale.
5. Long standing hypoxia in cyanotic congenital heart disease - Effect on immune and renal function and correlation with post-operative outcome -- Dr. Yash Lokahandwala.
6. Ballon pulmonary valvuloplasty as a palliative procedure in patients with complex cyanotic congenital heart disease with right ventricular outflow obstruction -- Dr. H. Kulkarni.
7. Exercise stress testing in patients with permanent programmable VVI pacemaker guide to determine optimum pacemaker rate - Dr. Dalvi.
8. Vasolilator therapy of chronic aortic regurgitation - Effect on EKG abnormalities and LV Volume - Dr. Kerkar.
9. Incidence of left ventricular thrombus formation after intravenous thrombolysis followed by acute myocardial infarction.

DEPARTMENT OF ORTHOPAEDIACS

Awards :

1. Gold Medal at "Western Indian Regional Orthopaedic Conference" for Young Orthopaedic Surgeons's forum January 1992.
2. Awarded II Best paper award at "Western India Regional Orthopaedic Conference" January 1992.
3. Felicitation by Dean, K. E. M. Hospital for Orthopaedic Work' 1992. January 1992.

**B. Y. L. NAIR CHARITABLE HOSPITAL
AND
TOPIWALA NATIONAL MEDICAL COLLEGE
MUMBAI — 8.**

**ADMINISTRATIVE REPORT
FOR THE YEAR : 1992-93.**

**BAI YAMUNABAI L. NAIR CHARITABLE HOSPITAL
&
TOPIWALA NATIONAL MEDICAL COLLEGE.**

HIGH LIGHT :**Hospital :—**

1. Total expenditure including liabilities	:	Rs.	13,76,45,080.00
2. Donation received	:	Rs.	28,23,742.00
3. Amount collected from boxes	:	Rs.	36,959.25

Indoor patients :-

Beds ... 1010.	Inpatients :New	:	35847
	: Old	:	244956
	Inpatient days :	:	280803
Daily average number of In-patients.	:	:	767.22
No. of patients discharges during the year including 375 brought from the previous year.	:	:	34082
Cured	:	:	15880
Otherwise	:	:	17827
Average cost per in-patient	:	Rs.	429.09
Average cost per out-patient	:	Rs	91.54

Deaths :

Within 24 hours of admission	:	562
After 24 hours but within 72 hours of admission	:	231
Exceeding 3 days.	:	994
Total	:	1787

Operations :

Major	:	4453
Minor	:	10048

Autopsies:

Post Mortem done	:	1239
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Deliveries :

1. Confinements	:	2130
2. Deliveries	:	1694
3. Maternal deaths	:	2
4. Medical termination of pregnancy	:	1060
5. Sterilization (Female)	:	307
6. Sterilization (Male)	:	5
7. Baby Still births :		
Full term	:	49
Premature	:	17

Out Patient Department :—

1. O. P. D. New attendance	:	2,29,960
2. O. P. D. Old attendance	:	4,18,673
3. Daily average O. P. D. New attendance	:	761.46

4. Casualty attendance	:	16,902
5. Daily O. P. D. attendance (Old + New)	:	6,48,633
Central Laboratories :--		
Total No. of investigations done :—		
-- Routine work	...	59,534
-- Blood collection	...	33,666
	Total	93,200
Pathology department :		
Cytology Section :--		
Total No. of speciment received		
FNAC, fluids, Lung, Frozen.	...	4,020
Haematology Section	...	23,681
Post Mortem Histopathology Section :		
No. of autopsies performed.	:	889
No of blocks (peraffin) performed.	:	9258
No. of blocks out & slides prepared.	:	9258
Recuts slides.	:	2015
Special staining slides	:	9005
Slides prepared for PG students.	:	9465
Chemical Pathology :--		
Total No. of investigations done	:	341630
Microbiology Department :--		
Bacteriology Section	:	34443
Mycology Section	:	1239
Serology Section	:	14803
Food Holder's Scheme.	:	1653
Surveillance Centre. :-		
Total samples screened,	:	16555
Total ELISA Positive	:	814
Haematology Department :-		
Total No. of investigations done,	:	27983
Forensic Medicine Department :-		
Total No. of Medicolegal Autopsies,	:	350
Total clinical examination on referrals.	:	4
Total Nos. of block prepared.	:	629
Medicine Research Laboratory :--		
Biochemical Tests.	:	139680
Uric Tests.	:	1890
Cytological tests.	:	30410
Immunological tests.	:	8353

Blood Bank :--

Total blood collection	:	12045
No. of outdoor sessions.	:	128

Pre-transfusion tests done in donor samples :--

Grouping.	:	12045
Antibody screening total No. tested.	:	10711
No. of antibodies detected.	:	57
Low Titre Screening done.	:	1045
High Titre found.	:	8

Pre-transfusion tests done in patients :--

Routine grouping.	:	405
Grouping with cross matching.	:	5355
Antibody detection.	:	5355
Irregular antibodies detected.	:	39
Compatibility tests done.	:	13008

Hepatitis Screening done :--

In multiple transfused patients, patients undergoing Cardiac Surgeries, Ward patients & requests.	:	383
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Antenatal Serology :--

Grouping.	:	3554
Antibody detection.	:	74
Rh antibody detection in Rh Negative patients.	:	178
Cord blood grouping.	:	2043
M. T. P. Grouping.	:	252

Miscellaneous investigations :--

Direct anti-globulin tests.	:	72
Indirect antiglobulin tests.	:	1749

Preparation of Reagents :--

Copper Sulphate.	:	72 lit.
Papain Cystein.	:	3 lit.

Blood utilisation :--

Transfusions given to Nair Hospital patients.	:	9618
No. of blood bags used for Nair Hosp. patients.	:	8878
No. of blood bags given to other hospitals.	:	3694
Separated single donor plasma units sent for fractionation to N. P. F. C.	:	1108
		(177 lit)
No. of blood bags discarded	:	816

Blood components prepared :-- : 4803

Radiology Department :--

Total No. of patients X-rayed : 95685

Total No. of X-ray plates used. : 154245

Paying Bed Scheme :--

The Paying Bed Scheme exists in this hospital since 1977. 652 patients had taken the advantage of the scheme.

Intensive Paediatric Care Unit :--

As Intensive Paediatric Care Unit started functioning from 1st August 1977 in a special and separate section of the Paediatric Ward. This year 322 children were admitted in the unit.

Medical Acute Care Unit :--

The department of Medicine established a separate Medical Acute Care Unit with 12 beds and required equipments which started functioning from march 1978 onwards. 680 patients were treated in this section.

**B.Y.L. NAIR CHARITABLE HOSPITAL
AND
TOPIWALA NATIONAL MEDICAL COLLEGE.**

ORIGIN :

The twin spirit of charity and nationalism was responsible for the founding and growth of this hospital and college. The National Medical College was founded in the 1921. In the year 1946 the Silver Jubilee year of the Institution, the college was taken over by the Bombay Municipal Corporation and was affiliated to University of Mumbai for the degree course. The college received a magnificent donation from the Topiwala desai family and the well known philanthropist Dr. Anandrao L. Nair and hence the name given as Topiwala National Medical College and Bai Yamunabai L. Nair Charitable Hospital.

Today the twin institutions are one of the leading institution in the country.

SCOPE OF ACTIVITIES :--

This hospital has been progressively expanding to include various new specialities. Apart from the well established departments of General Medicine, General Surgery, Obstetrics and Gynaecology, Psychiatry, Paediatrics, Anaesthesiology, E. N. T., Orthopaedic, Radiology, Tuberculosis, Ophthalmology, Dermatology and Venereology, there are also specialised departments of Cardiology, Cardio-Thoracic Surgery, Neurology, Neurosurgery, Plastic Surgery, Genito Urinary Surgery, Nephrology, Gastroenterology (Medical and Surgical), Haematology, Endocrinology, Rheumatology and Collagen Diseases, Neonatology, Paediatric Surgery, Head & Neck Surgery, Forensic Medicine Department and the department of Neuroscience as approved by the W. H. O., for research and training in stroke and tropical diseases. Besides this, there are special out-patient clinics in the hospital viz., Thyroid, Renal, Diabetes, Premature and New Born Care, Hypertension, Rheumatology, Asthma, Abortion, High Risk Pregnancy, Sterility, Glaucoma and Squints, Anaesthesia Assessment, Epilepsy Clinic; Childhood Bronchial Asthama, School Clinic, Infertility and Tropical Medicine.

Special units have been developed viz., Intensive Care Units (Medical and Surgical for Cardiac patients), Medical Acute Care Unit and well equipped Trauma Ward with Operation Theatre. There is also an Intensive Paediatric Care Unit (I. P. C. U.). There is a Special Family Planning Centre and a most modern Speech Therapy and Audiology Clinic and a training school affiliated to the University of Mumbai and probably it is the only one of its kind in India. There are also well established departments of Pharmacy, Physiotherapy, Occupational Therapy, Social Service and Medical Records.

The hospital has an Immunisation Centre, Growth and Development Clinic established by the Department of Preventive and Social Medicine and has carried out several health educational programme in the community and also have developed several audio-visual and sound slides shown on various aspects, on health which are regularly screened in the slum areas. This hospital has an Eye Bank and fully equipped Blood Bank which functions on voluntary donations of blood by relatives of patients and members of the public.

(1) DEPARTMENT OF MEDICINE :

The Medicine Department is a large department with several sections, eg., Medical Units, Medical Acute Care Unit, Medicine Research Laboratory, Artificial Kidney Department etc.

OUT-PATIENT DEPARTMENT :

Each unit has one regular and one follow-up Out-patient Department and one emergency admission day. For several years, various speciality Out-patient Departments like Asthma, Hypertension, Rheumatology, Nephrology etc. are being conducted. This year this department has started 3 new Out-patient Departments HIV OPD, Geriatric O.P.D. & Tropical Medicine O. P. D.

MEDICAL ACUTE CARE UNIT :

The Medical Acute Care unit has 12 beds. Currently this department has trained all staff members upto lecturer level in ventilatory care under the guidance of Respiratory Physician. The Medical Acute Care Unit is well equipped with ventilators monitors etc.

MEDICINE RESERCH LABORATORY :

Various investigations are carried out for patients attending Hypertension, Diabetes and Rheumatology, Nephrology, Asthma & other speciality OPDs of Medicine Department.

TEACHING :

The undergraduate teaching programme includes about 80 lectures and 70 tutorials. In additions they have ward clinics and table work sessions. Postgraduate clinics, journal reading, seminars, topic discussion, guest lectures, quiz etc., have also been started in addition to clinical meeting. Apart from medical students, the staff members also teach BDS, Nursing, A.S.T., O.T. & P.T. (U.G. & P.G.) students.

RESEARCH PROJECTS :

Several projects are being carried out by various staff members particularly on speciality topics, involving residents actively.

DEPARTMENTAL LIBRARY :

The department has excellent department library including books purchased through grants every year as well as books donated by various authors.

Departmental displays of X-rays, E.C. Gs. etc. on notice board are popular with U.G. & P.G. students. The department also has an excellent slide collection & MCQ bank.

(2) DEPARTMENT OF GENERAL SURGERY :

The department of general Surgery is one of the major department in the hospital catering to patients with various types of surgical ailments.

During the academic year 1992-93, Mumbai city witnessed the worst form of civil violence in its history followed by a series of bomb blasts. Over 400 patients were treated during the above three episodes.

(3) DEPARTMENT OF GYNACE. & OBSTETRIC :

Department of Gynaec. & Obstetric consists of 3 units, one full-time and two units. Each unit functions twice a week.

Setting up of speciality O.P.D. - "Infertility O.P.D." in September 1992.

(4) DEPARTMENT OF PAEDIATRICS :

School Clinic : Check up of Municipal School Children is done and treatment given. Work done at the clinic is as under :--

		<u>No. of New patients.</u>	<u>No. of old patients.</u>
Primary.	...	1701	10204
Secondary.	...	205	1054
Child Guidance Clinic.	...	559	853
PERI DHERAL HOSPITAL :			
Victoria Paediatric Centre new born babies examined.			
– Clinic attendance	...	343	216
Home Visits	169		
Immunisation			
– B.C.G.	1049		
– O.P.V.	1020		
– Mesales	106		
Referrals to hospital	36		
Health education Nutrition	:	873	
Attendance for milk	:	daily 32-35 babies.	
Nutritional prophylaxis :--			
Vit. A	162		
Vit. D	24		
Fe-B Complex	270		

COMMUNITY HEALTH CENTRE :

		<u>Shivaji Nagar</u>	<u>Cheeta Camp.</u>
New & Old patients	...	266	300
Referrals to hospital	...	47	149

In addition, regular immunisation are being carried out at both these centres.

Teaching activities :--

Undergraduate Teaching : is one for medical students besides B.Sc. (A.S.T.), B.Sc. (P.T.)
& Post graduate teaching B.Sc. (O.T.) students are given clinical demonstration & lectures.

Integrated teaching during clinical posting once a month.

Special Activities :--

- 1) Nair Hospital has been recognised as Baby Friendly Hospital by National Taskforce of UNICEF.
- 2) Commissioning of a "Special Childhood Bronchial Asthma Clinic" every Thursday at 12.30 p.m. from 12-3-1992.
- 3) A School health survey was conducted at St. Columba School, Tardeo in April 1992. Over 700 school girls were examined.
- 4) Three Health Check-up Camps were conducted by staff of This department, one at Jogeshwari and two at Kamathipura in co-ordination with other agencies.

(5) DEPARTMENT OF ANAESTHESIA :

The department runs the anesthesia services at the following hospitals :—

- Nair Dental Hospital
- E. N. T. Hospital.
- Bhagwati Hospital.
- Malad Municipal Hospital
- V. N. Desai Municipal Hospital.

Work done during the year :--

Cardiac Surgery	...	263
Neuro Surgery	...	300
General Surgery & Emergency	...	2650
E. N. T.	...	708
Gynaec.	...	825
Orthopaedic.	...	310
Ophthalmic.	...	68
Radiology.	...	325
Cardiac Cath.	...	627
E. C. T.	...	2357
Plastic Surgery	...	191
C. T. Scan	...	1477
Anaesthesia O.P.D.	...	1167
Pain O.P.D.	...	20

Academic activities like lectures, tutorials, post graduate lectures are regularly conducted.

(6) DEPARTMENT OF NEUROSURGERY :

The O. P. D. functions twice a week on Tuesday and Thursday and attends to O. P. D. & Indoor patients.

Electrophysiology :--

1. EMG/NC.	...	190
2. VE Potential.	...	76
3. Somato Sensory.	...	104
4. E.E.G. : Reporting of EEG done by Dept. staff after centralisation	...	1632
No. of E.E. G. done	...	312

(7) DEPARTMENT OF NEUROSURGERY :

Neurosurgery O.P.D. was conducted on every Tuesday and Thursday between 9.00 a.m. to 11.00 a.m.

R. F. Thermo coagulation of trigeminal root was carried out for trigeminal neuralgia in 20 patients. This specialised procedure is being done only at Nair Hospital, amongst the various public hospitals.

Newer procedures like removal of cervical and thoracic vertebral bodies (coaxpectomy) and fusion with iliac bone graft (for patients with T. B. spine and cervical spondylotic myelopathy).

952 cases of E. E. G. were performed in the above mentioned period.

Academic and teaching programme are being conducted in the department as per previous year.

(8) DEPARTMENT OF GASTROENTEROLOGY :

The O. P. D. functions twice a week on Wednesday and Saturday.

Work done is as under :--

(i)	Peritoneoscopy.	...	45
	O.G.D. Scopy.	...	2907
	Sigmoidoscopy.	...	767
	Colonoscopy.	...	263
	E.R.C.P.	...	119
(ii)	Therapeutic Procedures :--		
	Sclerotherapy oesophageal varices	...	300
	Dilatations of Achalasia cardia	...	5
	Dilatations of oesophageal stricture	...	15
	Injection Sclerotherapy for non-varioeal bleeding.	...	55
	Endoscopic sphisoterotonics	...	5
	Endoscopic polyrectomies	...	3
(iii)	Special Investigations :--		
	Autralian Antigen.	...	184
	S. Protein Electrophorasis.	...	86
	Schilling.	...	5
	D-Xylose.	...	23
	Fecal fat.	...	34
	Creatinine clearance.	...	124

(9) DEPARTMENT OF CARDIOLOGY :

Data on investigations/therapeutic procedure :--

1) Diagnostic Cardiac Cath. and Angiography--

922 patients (adults & Paediatrics) underwent Diagnostic Cardiac Catheterisation & Angiography.

2) The details of balloon procedures are as follows :--

--	Pulmonary Balloon Valvotomy.	...	34
--	Aortic Balloon Valvotomy.	...	6
--	Balloon Mitral Valvotomy.	...	149
--	Coarctation of A. O.	...	2
--	Peripheral Angioplasty.	...	1
--	P. T. C. A.	...	44
--	Reshkind's Septostomy.	...	1
--	Dilatation of IVS membrane.	...	1
3.	Permanant Pacemake Implantation.	...	4
4.	Computerised Stress Test.	...	460
5.	Total No. of E. C. Gs.	...	18256

(10) CARDIO VASCULAR THORACIC SURGERY :

Work done is as under :--

1. Open Hearts : 180 open heart surgeries were done. Congenital heart surgery, from the age ranges from 3 to 15 years were done. 83 number of valvular surgeries, single and double valve replacement were done. 30 number of CABG's and crash cases after PTCA required early CABG were done.

2. **Close Heart Surgeries** : 76 close hearts which includes CMC, PDA Ligation and shunt surgeries were done.
3. **Bronchoscopy** : Bronchoscopy was done in post operative cases for open heart surgery whom required a long by pass.
4. **Thoracic Surgery** : In 68 cases Thoracic Surgery was done.
5. **Graduate Training** : 2 candidates are appearing for M. Ch. Cardio Thoracic Surgery examination.
6. **Conference** : This year this department has attended "Indian Association of Cardio Vascular & Thoracic Surgeon, conference at Hyderabad". We have also presented the papers. We have also presented 7 papers in the conference and chaired the sessions.
7. **Donors** : From the donation received this year we could buy 3 L & T monitors, which are necessary.
8. **Undergraduate training** : Lectures for the undergraduates and physiotherapists were conducted.

(11) DEPARTMENT OF PLASTIC SURGERY :

Plastic Surgery O. P. D. was conducted every Wednesday and Friday and a total of 505 new cases were seen.

A total of 354 cases were admitted for surgery of which 282 were elective and the rest were emergency cases mainly involving the hand and face.

All the members of the department attended 27th National Conference of Plastic Surgeons at Mumbai in September 1992.

(12) HYPERTENSION CLINIC :

Hypertension Clinic is held every Tuesday at 11.00 a.m. in R. No. 26. On an average about 60 old follow-up patients attend O. P. D. every Tuesday and about 4-5 new patients are seen.

(13) DEPARTMENT OF NEPHROLOGY :

A. -- Clinical Activities :--

1. Outpatient twice a week. Approximately two new cases and about ten -- twelve follow-up cases during each O. P. D.
2. Total No. of new Indoor patients -- approx. 400 are seen.
3. Haemodialysis service was restarted in July 1992. The total number of hemodialysis done till 31st March 1993 in 560.
4. No. of acute peritoneal dialysis 108. 4 patients dialysed thrice.
5. Percutaneous renal biopsies :--

– Total No. of biopsies	:	120
– Total No. of patients	:	115

B. Academic and Teaching activities :--

1. Teaching clinical ward rounds with all teaching members & residents twice a week.
2. Case presentation & clinical discussion with resident & staff once a week.

(14) ASTHMA & OBSTRUCTIVE AIRWAY DISEASES :

The Asthma & Obstructive Airway Diseases Clinic has been going on at the T. N. Medical College since January 1976. The O.P.D. is conducted in R. No. 26 of O.P.D. Building on Mondays between 9.00 a.m. to 12.30 p.m. Every week 6-8 new cases and 60-70 old cases are admitted to Medical Wards. Several special tests like Pulmonary Function tests before and after bronchodilators, exercise testing and several biochemical tests like platelet studies, secretor status, immunoglobulins etc. are carried out.

(15) DIABETIC CLINIC :

- i) The Diabetic Clinic runs O. P. D.'s for new patients on Monday from 9.00 a.m. onwards.
- ii) Follow up patients are seen every Monday and Thursday from 1.30 p.m. onwards.
- iii) 3 monthly blood sugars, lipidogram, glycosylated haemoglobins, renal & liver function tests are carried out initially.

The Diabetes Unit also runs Diabetes--T.B. Clinic in association with Department of T. B. and Chest Diseases. This clinic is held on Wednesday from 9.00 a.m. onwards.

The annual O. P. D. attendance :—

	<u>New cases</u>	<u>Old cases follow-up</u>
Diabetes ...	612	200 per week.
Diabetes - T. B. ...	47	patients return for follow-up every 15 days till COPT.

(16) ENDOCRINOLOGY DEPARTMENT :

Departmental activities :--

The department is responsible for patient care in the speciality of Endocrinology.

O.P.D. attendance :--

	<u>New cases.</u>	<u>Old cases follow-up</u>
Endocrine O. P. D. ...	365	1411
Growth. ...	149	100
Thyroid. ...	1133	5000

Investigations done at Radio-Isotope Unit :--

Sr. No.	Name of the investigation.	Jan. 92 to Dec. 92
1.	Thyroid Scan. ...	755
2.	T3 (RIA). ...	1919
3.	T4 (RIA). ...	1931
4.	TSH (IRMA). ...	1348

(17) AUDIOLOGY & SPEECH THERAPY SCHOOL :

Clinical : 4085 new patients were seen

ACADEMIC :

Teaching : Students are admitted for B. Sc. (A.S.T.) course.

Nair Hospital's School for the Deaf :--

Audiology and Speech Therapy School of B. Y. L. Nair Ch. Hospital conduct classes for hearing impaired children (from Nursery to IVth Std.) at Nana Chowk, Vile Parle and Matunga Municipal Schools premises.

Following table shows the distribution of students studying in different classes :--

Medium	Nana Chowk.	Matunga	Vile-Parle	Drop out.
Hindi ...	20	8	8	5
Marathi ...	27	--	--	--
Total ...	47	8	8	5

New Admissions :--

Hindi ...	5
Marathi ...	3
Total ...	8

Following are the various competitions held by the school :-

Date	Competition.
29th September 1992.	World Deaf Day. General Knowledge.
8th January 1993.	Painting & General knowledge
10th January 1993.	Running Race.
17th January 1993 – One day trip (Vihar - Powai Lake).	
11th 12th February 1993 – Trip at Poona.	

(18) PREVENTIVE AND SOCIAL MEDICINE :

I. TEACHING PROGRAMME :

- (a) Lectures, Seminars, field visits, practicals & tutorials etc., are organised for M. B. B. S. Students. Interns are posted at Urban Health Centres for training in various aspects of comprehensive health care.
- (b) Lectures and seminars for D. P. H. Part-I and Part-II and seminar for M. D. were taken + Guest Lectures for post-graduate students were also arranged.
- (c) Nursing Lectures : for II & III year students are also organised.

A. Immunizations in O. P. D. at Nair Hospitals :-

	O*	I	II	III	BOOSTER
Triple	—	1480	1038	791	562
Polio	1463	1704	1166	891	796
D.T.	—	41	16	—	232
B.C.G.	1200	Neonatal			
	1634	OPD Nair Hospital			
Measles	668				
T.A.B.	--				
Cholera	33				
T.A.B.C.	2				

O* is zero dose started from last 2 years.

B. COMMUNITY SERVICES :

Comprehensive health care services to the communities were provided at Urban Health Centres.

Immunization Camp : (At both the Urban Health Centres)

	I	II	III	B
Triple	1264	879	809	1044
Polio	1726	1036	828	1894
D.T.	338	80	—	—
B.C.G.	395	—	—	—
Measles	568	—	—	—

report of activities carried out at Urban Health Centres :-

		Shivajinagar U.H.C.	Shahajinagar U.H.C.
Total No. of patients treated	....	72903	90364
Total No. of children treated at Under five clinics	...	36761	--
A. N. C.	...	516	190
Dental check-up	...	1051	660
Skin including leprosy	...	3448	3213
Ophthalmic	...	806	377
Blood for Malaria	...	2322	1230
Positive	...	66	14
Immunisation			
Polio	...	10925	3165
Triple	...	9151	2975
D. T.	...	367	464
B. C. C.	...	2399	543
Measles	...	1491	605
T. T.	...	2356	2746
Vit. 'A'	...	NA	946
Iron & Folic Acid	...	1284	5375
Family Planning : Oral pills.		1426	461
IUCD		178	155
Tubeligation		--	109
Hypertension clinic		--	1071
School health check-up at Cheeta Camp			
	New School	--	1743
	Old School	--	1034
			<u>2777</u>
School Immunisation	--	694	
Ballwadi children examination	--	70	
Total No. of children given school feeding (No. of feedings).	--	181812	(Cheeta camp)
		262537	(Shivahinagar)

UNDER FIVE CLINICS :

Community	Group	No. under observation	Total No. of visits	Average visits in fants or child
Cheeta Camp	Infants	550	2031	4
	Children	405	1302	3
Shivajinagar	Infants	511 (60)a	1154	2.59
	Children	3051 (131)	1552	0.48

Social welfare activities like Home Visits, importance of family planning, health education programme, nutritional diet to un nourished children, recreational activities, financial help & material aid to needy persons etc., were conducted at the above centres regularly.

Developmental activities :-

1. Organised health exhibition on World Health Day 7th April 1992 at Nair Hospital.
2. Geriatric Clinic and Hypertension Clinic was started in Deonar and Cheets Camp.
3. 3 projects of child to child and community were conducted at Cheeta Camp and Deonar.
4. Well baby competition and diet exhibition was organised in Cheets Camp Urban Health Centre the help of Lioness club of North-West on 5th May 1992.
5. 2 camps were organised for Rehabilitation of physically handicapped 100 patients were examined and 11 were given calipers with the help of Deonar Rotary Club.
6. Rural health development project was launched.

(19) SCHOOL CLINIC :

The clinic worked in three services viz., Paediatrics, Ophthalmic and Aural from Monday to Friday. Attendance of school children was as follows :-

Services	New	Old	Total	Refer
Primary School :-				
Paediatrics	1176	8514	9690	75
Ophthalmic	351	1209	1560	63
E. N. T.	130	897	1027	25
Skin	126	780	906	17
Total	1783	11400	13183	180

Secondary School :-

Paediatric.	270	1031	1301	43
Ophthalmic	234	499	733	30
E. N. T.	46	185	231	21
Skin	27	158	185	16
Total	577	1873	2450	110

(20) DEPARTMENT OF OPHTHALMOIOGY :

1. O. P. D. attendance (New)	...	11884
2. Indoor admissions	...	982
3. Operations performed :		
Dr. (Mrs.) G. Murthy	...	720
Dr. A. R. Patel	...	554
4. Mobile Ophthalmic Van activities :-		
Total No. of patients attended.	...	5510
-- Shivajinagar Centres.	...	807
-- Diagnostic Camp.	...	2180
-- Cheeta Camp Centre.	...	1106
-- Malvani, Malad Centre.	...	1417
-- School Clinic.	...	2293



Others activities :-

1. Contact Lens Clinic inaugurated in April 1992 at the hands of Mr. A. B. Maduskar (D. M. C. Z-III).
2. Free Intraocular lenses received from Lioness Club of Byculla for poor patients attending Nair Hospital.
3. Microsurgical advanced Ophthalmology procedures improved & carried out satisfactorily.
4. The Lioness Club North West Bombay donated costly equipments for starting contact lenses clinic at B. Y. L. Nair Ch. Hospital.

(21) DEPARTMENT OF DERMATOLOGY & VENEREOLOGY :

1. Attendance O. P. D	New	Old
a. Skin infections	24208	17021
b. V. D. Cases	9801	7303
c. Total infections	34009	24324
d. Non-infections	12313	8536
Total attendance	<u>46322</u>	<u>32860</u>
2. Investigations:	Normal	Abnormal
a. Biopsies	753	All
b. V. D. R. L.	751	259
c. Dark Ground Illumination	NIL	
d. HIV (A.I.D.S.)	368	155
e. Smear for Gonococci	1012	731
f. Smear for Chancroid	NIL	
g. Smear for Donovanosis	103	41
h. Smear for Leprosy	251	98
i. Scales for Fungue	2921	2380
j. Urine	201	60
k. Stool	73	24
l. Blood Count	162	38
M. E. S. R.	121	43
3. Photographs :	1383	
4. Therapy :		
a. Electrodesiccation	1134	
b. Chemical Cautery	814	
c. Phodophyllin	506	
d. Intralesional steroid	461	
e. Cryotherapy	95	
f. Tatooing	22	
g. Darmarbrasion	7	
5. Medical Education : Lectures & Clinics were arranged.		

(22) DEPARTMENT OF PSYCHIATRY :

There are two units in the Department of Psychistry.

1. Indoor services :-

Total bed strength.	...	50 Nos.
Total admission : Male	...	643
Female	...	629
		<hr/>
		1272

Daily average admission 4 Nos.

2. Out-door services :-

The O. P. D. is conducted on all working days of the weeks.

Total new cases	...	5002 Nos.
Total No. of follow-up cases	...	24542 Nos.

3. Therapies :-

Total No. of E. C. Ts.	...	1826
Average No. of E.C. Ts. on working days.	...	7
Insulin therapies	...	1
Total No. of C. S.	...	10
Pentothal (Norotherapy)	...	10

Teaching activities are conducted for Undergraduate Medical Students and Post Graduate students.

Paramedical teaching programme are organized for O.T./PT S.T.S. Students, B. Ed., S.N.D.T. students, Nursing students etc. regularly.

School Mental Health Clinic :-

The O. P. D. is conducted on every working day between 9 a.m. to 12 noon and between 1 p.m. to 4 p.m.

Total No. of New cases.	...	554
Total No. of cases reviewed.	...	898

The school visits are carried out by a team of Psychiatrist, Social Worker and Psychologist.

No. of schools visited.	...	4
No. of school cases.	...	350

Other activities :-

1. A vocational guidance camp was conducted for 2 days for the students of Enrichment programme.
2. A training programme for teachers of Municipal School was conducted on child psychiatry.
3. Yoga classes for patients on every Monday.
4. Anatensol Clinic on every Wednesday.

(23) DEPARTMENT OF MEDICAL SOCIAL WORK		No. of patients.
Old cases carried over from 1991	...	14782
New cases referred in 1992	...	28832
Referred from other institutions	...	7354
Total cases handled in 1992	...	50968
No. of home visits, institutional visits, colateral contacts.	...	12865
Case work services given and No. of cases referred for rehabilitation.	...	12960
No. of follow up letters and letters send to donors, chritable and Welfare organisations	...	16955
A. Material Aid given :—		
Appliances as belts, callipers, crutches etc.		3570
a. Wheel chairs	...	325
b. Glasses (Spectacles)	...	3230
c. Tri-wheeler	...	195
d. Appliance	...	5342
B. Costly and non-schedule drugs	...	20271
C. i. Food	...	22785
ii. Ration	...	4780
iii. Supplementary nutritional aid high protein diet	...	4579
D. Clothes	...	11720
E. Library books given to patients	...	2302
F. School fees, uniforms, text books for patients children and young school going patients	...	6840
G. Travelling expenses.	...	2205
H. Employment for patients and their family members	...	2412
I. Accomodations	...	660
J. Institutionalliation.	...	1550
K. No. of cases rehabilitation	...	6812

During this year approximately following donations were arranged in cash and kind :—

Rs. 14,25,130.00 in the form of drugs

Rs. 10,580.00 for the appliances

Rs. 26,25,712.00 for the patients undergoing cardiac and total hip surgery

Rs. 6,80,225.00 for the cancer patients in cash and kind.

Welfare projects conducted :—

Clean ward contest, Rangoli comption and Haldi kumkum function were arranged for the patients and the staff members.

Vocational Training Programme is started for the young patients and their relatives in tailoring, driving, electrician, wireman, carpentary, typing & stenography, Nursing etc.

(24) OCCUPATIONAL THERAPY DEPARTMENT :

Following are the figures for the year 1992-93 of workload and work analysis :—

Total No. of patients for the year 1992-93	...	10870
Total No. of attendance for the year 1992-93	...	127935
Total No. of Splints preped for the year 1992-93	...	689

P.V.G. & D.C.U. Printing Units were regularly.

Regular teaching programme was carried out by lecturers, demonstrators, Professor.

(25) DEPARTMENT OF PHYSIOTHERAPY :

Figures of the workload :—

Total No. of patients treated	...	10520
Total No. of patients attendance	...	172598

The school of Physiotherapy is started from September 1990 with 10 students.

Electromyography :—

Neurophysiological studies are done regularly.

(26) DEPARTMENT OF RESPIRATORY MEDICINE :**1. Out-patients services :—**

a. Total No. of O. P. D. patients (New)	...	4462
b. New patients of Non-T.B. chest diseases	...	540
c. Total No. of New T. B. cases	...	455
d. Total No. of Chest patients followed up	...	59854
e. Total No. of T. B. patients followed up	...	25235

2. Pulmonary Function Laboratory work :—

a. Routine P. F. T.	...	1000
b. Computerise Lung Functions	...	200
c. Arterial blood gases (Indoor & O. P. D.)	...	1400
d. Total lung functions.	...	<u>2600</u>

3. Fiberoptic Bronchoscopies : ... 186

4. Pleural Aspiration and Biopsies : ... 972

5. Broncho-provocation test (Histamine challenge test). ... 50

Misc. Activities :—

- Indoor beds were shifted from GTB Sewree Hospital to B. Y. L. Nair Ch. Hospital in renovated Ward IV.
- Received prizes for "Cleanliness drive competition" successively for last 3 years.

(27) RHEUMATOLOGY CLINIC :

Rheumatology O. P. D. is held on Friday and Tuesday morning for new cases which includes of Rheumatoid Arthritis, SLE, Scleroderma, SSA and other form of rheumatological conditions. The follow-up O.P.D. conducted on Friday afternoon.

In the year 1992, total No. of New O. P. D. patients are 500 and about 150 patients were treated as Indoor patients.

(28) PHARMACY DEPARTMENT :**1. COMPOUNDING AND DISPENSING OF DRUGS :**

Total quantity of stock prepared for Indoor and Out-door patients' :—

i) Quantity of stock solution prepared	...	15154 Lit.
ii) No of packets made	...	216557 PKT
iii) No. of O. P. D. prescriptions dispensed where account is kept.	...	5803No.
iv) Sample syrup prepared in litres.	...	557.710 Lit
v) Quantity of stock mixture prepared	...	10364 Lit.

Sterilised surgical instruments required in different activities in the hospital are processed from Central Sterile Supply Services. Sterile instruments packs are provided to different wards daily according to their need.

The sterilised syringes, needless, dressing drums are supplied and 9 No. of sets and 32 No. of surgical trays were prepared.

Manufacturing of Pharmaceuticals of different varieties viz., Transfusion bottles, vials, ointment, creams, powders, lotion, liniments, soft soap was done.

Glass Blowing :

Different types articles like Renal bottles, Tubes, drainage set tubes, Oxygen canules, droppers etc., are prepared by glass blower.

Education :

Students from various colleges in the Maharashtra State had undergone the practical training for registration as a registered Pharmacist under Pharmacy Council of India.

III M. B. B. S. students visited the department to know the working of Hospital Pharmacy and sterilization processes.

(29) E. N. T. DEPARTMENT :**Post-operative clinic :--**

Every Wednesday and Thursday respectively by Unit II and Unit I at 2.00 p.m. in E.N.T. Department.

TEACHING ACTIVITIES :--

Teaching facilities are available to undergraduate, post graduate students for M. S. (ENT) Exam. Similarly teaching to students of B. Sc. (s.T.), (O.T. & P.T.) and Students Nurses.

(30) DEPARTMENT OF HAEMATOLOGY :

The O. P. D. functions twice a week on Monday and Friday.

1. Total No. of new cases.	...	1221
2. Total No. of follow-up cases.	...	4449

(31) UROLOGY DEPARTMENT :

Urology O. P. D. is conducted on Tuesday/Friday at 9.30 a.m. to 12.30.

New cases.	...	1146
Old cases.	...	1627
Total.	...	2773
Referred cases.	...	365
Total No. of operations	...	670
Major.	...	434
Minor Endoscopic.	...	231

Dr, K. C. Mehta, Prof. & Head Urology has donated last 20 years journals to our department.

The Bhansali family has donated Rs. 2.5 lakhs to our department with which we have been able to furnish our new Urodynamic department & upgrade our equipment.

The department purchased 9.5 Fr. ureteroren which added to our endoscopic areamentarium and also added 35 mm. camera with flash and a 16 mm. slide projector for teaching and records.

(32) DEPARTMENT OF ORTHOPAEDICS :

This department conducts regular O. P. D. for Orthopaedic patients similarly inpatients are treated and operations are performed.

Teaching facilities are provided to Undergraduate, Postgraduate students.

(33) DEPARTMENT OF PAEDIATRIC SURGERY :

The Department of Paediatric Surgery is recognised by Bombay University for M. Ch. Paediatric Surgery in 1993. This department has 30 bedded Ward.

This department has 2 new Theatres and Operation days are on Tuesday, Wednesday and Saturday and Emergency days – all the days round the year.

O. P. D. is on Monday and Thursday mornings.

The department displayed posters about the foreign bodies in the respiratory tree and abdominal masses.

Teaching facilities exist for undergraduate & post graduate students.

Outstanding rewarding operation of this year were :

1. Colon trasplant x 2 cases at the age of 3 months. Both are doing well.
2. 6 cases of T.O.F. (5 survived). One died.
3. two case of 'H' type Gortex graft M.C. should doing well.

(34) GASTRO ENTROLOGY SURGICAL SERVICES :

We have done over 45 laparoscopic procedures which includes Cholecystectomy, appendectomy, vagotomy, varicocoele ligation and salpingectomy.

We have been therapeutic E. R. C. P. for patients of obstructive jaundice.

720 upper G. I. Endoscopic which includes sclerotherapies & dilatation for oesophageal structure were done. 347 major and 178 minor operations were performed.

(35) KASTURBA HYPERBERIC CHAMBER :

In Kasturba Hyperbaric Chamber Department a total No. of 3765 cases were treated which include head injuries, gas gangrene, infected wounds etc.

The department has well equipped operation theatre where the deloughing, debridement and amputations of gas gangrene patients are carried out.

(36) NURSING :

The total No. of students admitted for General Nursing and Midwifery, in the year 1992 are 65.

The No. of students appeared for 3rd year *i.e.*, final exam. in Nursing are 43 and all passed.

Variety entertainment programme and prize distribution were arranged in the month of march 1992.

Mayor's Award was awarded to Smt. Mariamma Anthony, Smt. Harbinder Kaur, Smt. Grancy D'souza of this hospital.

In the month of June 1992 "Inservice training Corurse" on Lactation management was arranged by Paediatric Department in Nair Hospital wherein our Nursing Staff attended.

For short term course on Hospital Management which was arranged at Banglore. Sister Tutors of this hospital attended.

In the month of July 1992 slogan writing competition on "Breast feeding" was arranged by S. N. D. T. Smt. Gracy D'souza 3rd year student was awarded first prize.

(37) TOPIWALA NATIONAL MEDICAL COLLEGE ;

The college has been permanently AFFILITATED to the Univeristy of Bombay for teaching the course of students leading upto M.B.B.S. and post graduate examinations.

619 undergraduate students and 353 post-graduate students were on the roll at the cose of the year.

Prizes awarded :-

(i) Miss Shehnaz A. Merchant who passed I.M.B.B.S. has been awarded as under :-

1. The Dr. Ismail Jan Mohomed Scholarship &
2. The Noormahamed Jairazbhoy Peerphoy Scholarship for securing the highest No. of Marks on the aggregate from among the successful candidates out the 1st MBBS Examination held in October 1992.

Dr. R. T. Desai prize for 1991-92 has been awarded to Dr. Acharya Bhama.

(38) TOPIWALA NATIONAL MEDICAL COLLEGE LIBRARY :

The library of Topiwala National Medical College and B. Y. Nair Ch. Hospital is well maintained and information stored is easily accesssable. Library Services were cater to 584 undergraduate students, 250 postgraduate students, 221 Physicians, and 300 Residential Doctors, Scientific Officers, Research Assistants, Nurses and other Paramedical Staff and 250 past students.

The library at the end of the year has 36,008 books, 19,479 Bound Volumes of Periodicals, 2,169 thesis and 1,765 teaching slides and one Audio cassette.

(39) DR. BHAJEKAR MUNICIPAL HOSPITAL :

The skin & Ophthalmic Ward which were shifted to Dr. Bhajekar Hospital have been brought back to Nair Hospital campus from 15th May 1992.

Sd/-
DR. (SMT.) K. D. NIHALANI
DEAN
B. Y. L. NAIR CH. HOSPITAL &
T. N. MEDICAL COLLEGE.
BOMBAY — 8.

**LOKMANYA TILAK MUNICIPAL GENERAL HOSPITAL
AND
ANNAPURNABAI DESHMUKH HOSPITAL FOR WOMEN
AND
LOKMANYA TILAK MUNICIPAL MEDICAL COLLEGE**

L. T. M. G. HOSPITAL :

HIGH LIGHTS :

HOSPITAL :

I EXPENDITURE :

(a)	1. On In-patients	14,48,52,427.52
	2. On out-Patients	2,81,76,028.48
	3. Total Expenditure (Excluding New Work)	17,30,28,456.00
	4. On New Work	5,72,135.00
(b)	1. Average Cost per In-Patients per day	362.73
	2. Average Cost per Out-patients per day	36.40

II REVENUE OF HOSPITAL SIDE : (From 1-1-92 to 31-3-92)

1. Revenue from Out-patients	2,47,893.00
2. Revenue from In-patients	1,01,880.00
3. Revenue from overstay of patients	86,520.00
4. Maternity charges for 4th delivery	4,650.00

III RESULTS :

(A) IN - PATIENTS :

1. Schedule bed strength	1,345
2. Total Admissions during the year	54,366
3. Admission including those brought over from previous year and U. H. C. Wards.	55,835
4. Daily average number of admissions	149
5. Highest admission on a single day	229
6. Total number of In-patients days	3,99,335
7. Average stay of In-patients in days	8.06
8. Daily average In-patients in wards (including U. H. C. Ward)	1,091
9. Daily average occupancy	81,11%
10. Remained in the Hospital on the last day of the year	1,117
11. Number of patients discharged	49,509
i) Relieved	24,872
ii) As cured	13,479
iii) Other-wise	11,158
12. Number of patients expired	4,201
13. Death rate	7.82

(B) OUT PATIENTS :

1) New-out patients attendance	3,08,223
2) Repeat Out-patients attendance	4,65,799
3) Daily average number of New and repeat patients	2,563
4) Highest New-OPD attendance on a single day	1,187
5) Number of Casualty Attendance (Medico-legal)	26,127

(C) OPERATIONS :

1) Operations on In-patients	13,525
2) Operations on Out-patients	42,179

(D) CONFINEMENTS :

1) Registered cases	3,745
2) Emergency Cases	1,953
3) Total number of deliveries	5,698
(a) Normal	4,469
(b) Abnormal	1,229
4) Neonatal and Maternal deaths	
(a) Maternal deaths	41
(b) Still Birth	282
(c) Premature deaths	176
(d) Neonatal deaths	--

IV -- SPECIALISED TREATMENT :

1) Admission in Resuscitation Wards	10,977
(a) Emergency Wards	2,297
(b) M. I. C. U.	1,106
(c) I. C. C. U.	2,146
(d) I. P. C. U.	962
(e) I.R.C.U.	399
(f) N.I.C.U.	905
(g) P.U.	794
(h) Burns	2,368
2) Sterilization	
(a) Male	7
(b) Female	1,119
(c) I. U. C. D. instrted	881
3) A. K. D.	
(a) Haemodialysis	1,030
(b) Peritoneal dialysis	39
(c) Renal biopsies	54

V -- RADIOLOGY :

1) X-Ray taken	1,65,990
2) No. of patients X-Rayed	99,669

VI	-- BLOOD BANK :	
	1) Blood samples collected from :	
	a) Voluntary Donors	4,840
	b) Relative Donors	5,958
	c) Other Hospital	1,868
	2) Bottle supplied	10,430
VII	-- SCHOOL CLINIC :	
	(A) Number of school children treated	23,379
	(a) New Cases	2,777
	(b) Repeated Cases	20,702
	(c) Referred Cases	728
	(B) EXPENDITURE ON CLINIC	6,19,824.13
VIII	-- PHYSIO THERAPY :	
	(a) Out-patients treated	36,383
	(b) Number of treatments given	49,165
	(c) In-patients treated	11,389
	(d) Number of treatments given	1,02,156
IX	-- OCCUPATIONAL THERAPY :	
	(a) Out-patients treated	7,940
	(b) Number of treatments given	13,192
	(c) In-patients treated	9,696
	(d) Number of treatments given	99,783
X	-- MEDICO SOCIAL SERVICE DEPARTMENT :	
	(A) Direct Services :	
	Number of cases handled on case work level and other long term and short term	12,541
	I COLLEGE :	
	A -- a) Expenditure including	Rs. 3,87,04,667.00
	Expenditure on Hostel	
	b) Revenue from tuition fees,	
	Miscellaneous Receipts	Rs. 37,38,624.17
	c) Revenue from Post-Graduate.	Rs. 14,27,570.00
	B -- INCOME FROM HOSTEL :	
	C -- a) Gross Cost per student	Rs. 67,784.00
	b) Net cost per student	Rs. 63,736.00
	II -- STUDENTS :	
	On roll as on 31-12-1992 -- 571	

2) Number of students classwise :			
	Male	Female	Total
Ist M. B. B. S.	53	66	119
IInd M. B. B. S.	83	105	188
IIIrd M. B. B. S.	76	87	163
Post graduates on roll as on 31-12-1992	192	251	443
Total No. of interns	41	60	101
D. M. L. T.	1	9	10
Total	446	578	1,024

Lokmanya Tilak Municipal Medical College, Sion, has completed 28 years of imparting Medical education to the students for undergraduate studies and 15 years of giving postgraduate education in various degree, diploma course of the University of Bombay including super-speciality like D. M. and M. Ch.

The post-graduate course in super-speciality branches of Paediatric Surgery and Gastroenterology have been newly started in 1991.

The college has been given permanent affiliation by the University of Bombay.

The admissions to various post-graduate degree/diploma courses as well as superspeciality courses are given every year. The total no. of post-graduate students on roll are 393.

ADMISSIONS :—The admission capacity of students admitted for M. B. B. S., Course at this institution in 100 per year. The number of students on roll as on 31-12-1992 was 571 (including interns). Since 1990, the students are admitted for B. Sc. (O.T. & P.T.) Courses with in-take capacity of 10 students each year.

D. M. L.T. Course is conducted at this institution with admission capacity of 10 students. Every year in June, we are also enrolling students for M. Sc. Course in following subjects.

	No. of students admitted each year.
M. Sc. (Biochemistry) by papers	14 (9 Univ. + 5 college)
M. Sc. (Misochemistry) by research	5
M. Sc. (Miorobiology) by research	5
M. Sc. (Animal Physiology) by research	5
M. Sc. (Occupational Theraphy)	5
M. Sc. (Physiotherapy)	5
M. Phil (Biochemistry) by research	1
Ph. D. (Microbiology)	3
Ph. D. (Biochemistry)	5
M. Sc. Applied Biology	3 started in June 1991.

The students on roll attending above course including DMLT are 71.

EDUCATIONAL ACTIVITIES :— Besides regular teaching programme, Monthly Scheduled Meeting and Clinical Conference are held regularly. Scientific and educational films were shown to the staff and students.

Specialized training is imparted to students of other institution by organizing workshops and seminars. Specialized training in superspeciality subject in allowed fees of Rs. 1,000/- per month is charged.

INTERNS : Graduates from University other than Bombay University are allowed to undergo internship training at the attached L. T. M. G. Hospital to the extent of 10 interns. B. Pharm, D. Pharm students are given training of 750 hours in Pharmacy to a maximum capacity of six students at a time. Students from S. N. D. T. University and other technical institutions are allowed to work for practical training in Pathology. Necessary charges as per rules are recovered for imparting training as above.

We are conducting Competitive examinations in the subject of Anatomy, Physiology, for 1st M. B. B. S., Pharmacology, Pathology for IInd M. B. B. S. and Medicine, Surgery, Obst. & Gyn., P. S. M., E. N. T. Paediatrics, Dermatology, Psychiatry for IIIrd M. B. B. S. students every year. The winner of the examinations are given Merit certificate and cash prizes from the interest of the donation received from the Silver Jubilee Fund of the institution. A Competitive examination in Ophthalmology (only Practical exam.) for regular batch and casual batch Interns is started from August 1983, as Dr. Sathe's Prize (cash) in Ophthalmology is given to Interns judged as first. Cash Prizes are given to the students who stood first and second in the Competitive examination.

Since November 1982, term Dr. Hemant Kelkar Prize is awarded for the P. G. students who stood first in M. S. (General Surgery) of Bombay University examination in the regular batch of L. T. M. G. Hospital. It is given from the donation received from relatives in the memory of Late Dr. Hemant Kelkar in 1981.

A separate committee of students manages the students Cultural and sports activities.

Boys and Girls are given accommodation in the hostel building newly constructed with capacity of 150 students.

LIBRARY :—The new library has identified separate areas for the undergraduate, post graduate reading areas, current journals Display, Home lending, under graduate and post graduate counter.

During the year 404 books have been added to the collection of totalling to 18,448 books.

Total No. of bound volumes &	}	10,774
journals as on 31-12-1991		230

ANNUAL COST AND REVENUE : Total expenditure of College amounted to Rs. 23,03,339.00 excluding establishment Cost against total incurred Rs. 3,64,01,328.00 during the year. Revenue is collected by way of tuition fees from students, hostel rent. etc.

DEPARTMENT OF MEDICINE : Department of Medicine has 6 Medical units of which four are full time and two are part time.

The departments has subspecialities like MICO, RICU, haematology, Endocrine, Diabetes, Nephrology and Rheumatology. Long awaited Neurology Services has been started in year 1992. Respiratory diseases department is inspected for D. N. B. of National Board and for M. D. degree (Chest and tuberculosis).

1) **M. I. C. U. (MEDICAL INTENSIVE CARE UNIT :** Medical Intensive Care unit (MICU), has continued to provide intensive care facilities to critically ill patients.

A total of nearly 2,500 patients were referred to the MICU of which nearly 1,250 was admitted and cared for in MICU in 1992.

MICU has also managed around 50 critically ill, surgical post-operative riot victims as part of its comprehensive care services.

2. **DIABETES & ENDOCRINOLOGY :** Diabetes services started in 1970 and Endocrine service started in 1980.

The total number of out-patients for diabetes in 1992 and for Endocrine is 650.

3. **ARTIFICIAL KIDNEY DIVISION (A.K.D.) :** A.K.D. services of department of medicine is started in 1978 and 700 patients and 429 Indoor patient were treated with dialysis etc.

4. **RHEUMATOLOGY SERVICES :** 30 patients were referred from Medical units, peripheral hospital, and other departments as Orthopaedics, plastic surgery, Dermatology.

DEPARTMENT OF GASTROENTEROLOGY : The department set up 3 unique services for benefit of seriously ill patients whose lives have been saved or major surgery avoided.

A) Heater probe coagulation of bleeding ulcers-5 patients treated successfully

B) Injection of fundic varices by bucrylate -- 6 patients treated successfully.

C) Dilation of oesophageal strictures (acid ingestion, dyskeratosis) using duodenal balloons., 3 children treated successfully.

DEPARTMENT OF RESPIRATORY DISEASES :

SERVICES : 1) Pulmonary function tests were carried out in 480 patients, referred by other Municipal Medical Institutions etc.

- 2) Total admissions were 399 mortality was 31.25% 125 patients died.
- 3) Bronchoscopy was carried out for diagnosis and therapeutics in 800 children.
- 4) Allergy Clinic : Allergy tests were performed in 15 patients.

DEPARTMENT OF ORTHOPAEDIC : Services made available :

Routine : Planned (Major and Minor) operations are done in Routine operation theatre.

Emergency : 24 hours round the clock Emergency management service for Accident and Trauma victims is run with approximately 10-11 Emergency operations done per day.

Speciality Clinics : For providing speciality treatment for complex cases, to improve patient care, disease understanding, research and academic activities and follow-up work.

DEPARTMENT OF SURGERY : Specialised services.

- 1) Endoscopy services – Routine as well as emergency oesophage gastroduodenoscopy, colonoscopy are conducted for diagnostic as well as therapeutic purposes.
- 2) Cancer Registry and Chemotherapy clinic.
- 3) Venous Doppler studies are carried out.
- 4) Burns unit – The first of its kind to be started in the Municipal Corporation.
- 5) Research activities.

DEPARTMENT OF PAEDIATRICS : Special activities.

- 1) **Diarrhoea Treatment – Training Unit (DTTU) :** Our Diarrhoea Treatment Unit (DTTU) was established in 1992 in paediatric ward side room, with 6 beds for treating patients with diarrhoeal dehydration.
- 2) **Division of Neonatology : --**
 - a) Establishment of Fetal Medicine clinic at LTMG Hospital on 21st April 1992.
 - b) Organized celebrations of World Breastfeeding week from 1-8-1992 to 8-8-1992 at LTMG Hospital.
 - c) As part of Lactation management programme Div. of Neonatology prepared :--
 - i) Breastfeeding policy &
 - ii) Booklet on Breastfeeding (in Marathi) for health workers.

to promote breastfeeding practises in the community.
 - d) Organization of in service training programme for Medical officers, nurses and health post workers of BMC in collaboration with IPP V cell of BMC every month.
- 3) **Division of Hematology -- Oncology :--**
 - a) Hematology – Oncology OPD is conducted on Tuesday and Friday from 9.00 a.m. to 12.00 noon.
 - b) Regular outdoor thalassemia transfusion services conducted thrice a week.
 - c) Out-door chemotherapy services provided once a week to pediatric oncology patients.

Fetal medicine clinic was established and the Hematology-Oncology division forms a part of the multi-disciplinary approach required in fetal medicine.

4) INTENSIVE PEDIATRIC CARE UNIT (IPCU) :--

- a) Provision of isolation and procedure rooms for exchange transfusions, immune compromised patients and patients on ventilators has been made.

b) Infection control measure and protocols have been laid down and implemented.

c) Cardioscope for bed-side cardiac monitoring, non invasive blood pressure monitoring and nebulizer for nebulized medication were introduced.

- 5) **CHILDHOOD ASTHMA CLINIC** : Patients were evaluated and graded for Asthma and medication and physiotherapy as well as Health education and self-management skills is imparted to the patients. Peak expiratory flow rate and growth monitoring is done for all patients, Pulmonary function tests are carried out when the diagnosis is uncertain.

Nebulizers have been made available in the Pediatric wards.

OPD and IPCU for better and prompt control of Acute Asthma.

The number of emergency visit and school abscentacism have reduced significantly in children who attend the Asthma Clinic regularly.

- 6) **PAEDIATRIC NEUROLOGY CLINIC** : 125 children were treated in paediatric neurology clinic.

WORKLOAD

THE SURGICAL NEONATAL INTENSIVE SECTION : (SNICU) A Section attached to the ward has been identified and isolated for the purpose of managing surgical neonates.

THE NICU & IPCU (MEDICAL) SECTION : Some neonates and children not requiring surgical but mainly medical management are kept in the medical neonatal intensive care unit (NICU)/Intensive Paediatric Care Unit (IPCU) and are looked after jointly by Pediatricians and Pediatric surgeons.

SPECIALISED O.P.Ds.

- 1) On every Tuesday morning a Paediatric Urology is held.
- 2) A Pediatric Oncology Clinic is held jointly with the Pediatric Haematology department and the Chemotherapy department and the Chemotherapy department of the Tata Memorial hospital.
- 3) A 'Spinal Dysraphism' has been started in co-ordination with orthopaedicians. Several cases of spinal Dysraphism are being referred to the Clinic.

MEDICAL RECORD DEPARTMENT :—

IN-PATIENTS :—The Schedule bed strength of this hospital is 1345. The distribution of beds according to the departments is shown in Appendix III. 54,366 patients were admitted for Indoor treatment during the year as against 54,858 and 54,570 and 50,488 during the preceding three years respectively.

OUT-PATIENTS :—The Out-patient department has attended to 3,08,223 new patients and 4,65,799 repeat patients and Out-patients attendance (only New attendance) on a single day was 229 and 1,187 respectively.

MEDICO-LEGAL CASES :—Casualty Department, 26,127 accidental and other emergency cases were treated in this department and 1,645 injury certificates were issued to police and 55 court calls were attended by the Resident Medical Doctors during the year under report.

FEES COLLECTED :— An amount of Rs. 4,40,943.00 on account of sale of OPD and Indoor forms, bed charges from patients over stayed in Genral Wards and Maternity charges for fourth delivery during the year.

MINOR SURGERY DEPARTMENT :—11,634 Minor Operations were performed in the department during the year.

PATHOLOGY DEPARTMENT :— 6,72,301 investigations were carried out and 1,739 autopsied were performed during the year (Medico-legal P. M. 974 and Medical P. M. 765) A special laboratory has been set up to work round the clock for the traumatic Emergency Service. The department has also extading service of pathology and pipheral Hospital and Maternity Homes.

ANAESTHESIA DEPARTMENT :—During the year 30,358 patients have received anaesthesia in various theatres and minor surgery department. 13,915 patients were kept in recovery room and out of these 541 patient were required to be treated with respirators. 7,217 patients were examined in OPD for fitness for surgery.

X-Ray department :— a)	No. of patients	99,669
b)	No. of X-Rays	1,65,990
1)	No. of Ba-meal	514
	Ba-swallow	261
	Ba-Enema	108
2)	Carotoid Angiogations	137
3)	Special investigations	1,966
4)	OTHER Misc. INVESTIGATIONS	83,171
5)	Ultra sound	13,512

DENTAL DEPARTMENT :—25,386 patients were treated for various tooth troubles.

ANTI-RABIC DEPARTMENT :—13,860 patients were treated both new 1,953 and 11,907 repeaters.

BLOOD BANK :— The total number of Blood samples collected from relative donors was 5,958 and that from voluntary donors was 4,840. Blood bottles brought from other Hospital 1,868. The total number of blood samples from transfusion during the year was 10,430.

PHYSIOTHERAPY AND OCCUPATIONAL THERAPY DEPARTMENT :— The work done—

Physio Therapy -- No. of patients --	47,772
No. of treatments	1,51,321
Occupational Therapy	
No. of patients	17,636
No. of treatments	1,12,975

AUDIOLOGY & SPEACH DEPARTMENT :

Work Done : 1)	No. of Audiograms	3,812
2)	No. of new speach cases	540
3)	No. of visits speach therapy	4,950
4)	No. of special audiomotry testing	1,078
Work Done : 1)	Sterilization Operations performed	75
2)	Loops inserted	85
3)	Patients given condoms	40,995
4)	Patients given oral pills	285

SCHOOL CLINIC DEPARTMENT :—2,777 new and 20,702 old cases from 132 primary Municipal Schools and 82 new and 94 old case from 22 Municipal Secondary schools were treated. 46 tonsils operations were performed.

DISPENSARY :—The work carried out in the dispensary is as follows :—

Out patients	}	3,68,419
In-patients		
Special Prescriptions		
M. S. W.		
School Clinic		

DEPARTMENT OF PHARMACY :— Sterile and Non sterile were manufactured in Pharmacy department during the year as under :—

- | | |
|-------------------|-------------|
| 1) Dressing drums | 24,693 Nos. |
| 2) Enema Soap | 279 litres |

THE LIST OF ACCIDENT CASES FROM JANUARY TO DECEMBER 1992

Date of accident	Place of Accident	Type of Accident	No. of pts.	No. of admissions	No. of expire
11-1-92	Dharavi	Sword cases	11	6	NIL
5-2-92	Mangaon	S.T. Bus	19	10	NIL
6-2-92	Mangaon	S.T. Bus	18	10	NIL
26-2-92	Khopoli	S.T. Bus	19	18	1
6-4-92	Khopoli	Truck	11	11	1
20-5-92	Nagotne	S.T. Bus	16	2	NIL
9-5-92	Antop-Hill	BEST Bus	29	9	NIL
20-6-92	Khopoli	S.T. Bus	19	19	1
21-8-92	Sion-Koliwada	Truck	12	7	2

DISASTER MANAGEMENT : The month of December 1992 and January 1993 saw the city in very disturbed condition due to riots. Most of us were busy day and night attending to the injured victims brought to our institution. The details of the services rendered to the patients injured in roits as follows :—

	DECEMBER 1992	JANUARY 1993
1) Total No. of patients brought to the Hospital i.e., Casualty	519	470
2) No. of patients admitted	207	192
3) Patients treated & discharged	294	249
4) Patients brought dead	18	29
5) Patients died after admission	18	19
6) Approximate expenditure per day per patient over medication of admitted patients	448.51	435.8
7) Total expenditure on medication of admitted patients	6,49,902.25	1,20,727.50
8) Total establishment cost of Indoor patients	240.87	240.8

The surgical procedures performed by the various speciality departments are given below :

General Surgery	—	191
Orthopaedics	—	112
Plastic Surgery	—	27
Neuro-surgery	—	9

The department of M.S.W. was equally active during these stressful days. Besides arranging and serving food to hospital staff, the social workers were also busy in organising blood donations camps (40) and evaluation of riot victims for financial help and psychological support.

M.S.W. DEPARTMENT

(I) DIRECT SERVICES TO PATIENTS AND PEOPLE

A) CASE WORK

These cases are broadly divided into long term cases and short term cases.

i) Long Term Cases

- a) Chronically ill and serious illness cases helped : 3262.
- b) Orthopaedics department helped : 1562
- c) Sensory disorders : No. of cases helped 560
- d) No. of children suffering from Mental illness & behavioural problems attended child guidance clinic – 1816.
- e) Mental illness in adults No. of cases helped : 3941
- f) Socially handicapped cases for adoption, termination of pregnancy, foster care cases – 250 Nos.

ii) **Short term cases** :— Cases of discharge problems, institutional placement, appliance. etc. – 1150 Nos.

iii) **Blood camps and blood bottles collected :**

No. of relative donors blood : 6010

No. of relatives seen for collection 2235

of blood given to the patient

No. of voluntary donors : 4798

Home visits and institutional visits were made by M.S.Ws. as and when required.

B) GROUP WORK : Group work as method has been found as one of the most effective one and the work done is as follows :—

i) Therapeutic Group Work :—

- a) The Deaf Youth group continued its activities once a week basis between 1.30 p.m. to 4.30 p.m. every Saturdays. About 35 to 40 students attended it per session.
- b) Group of deaf children of our own school i.e., Deaf School of Wadala were conducted on an on-going basis, once a week.
- c) Group of 30,40 parents of the deaf were conducted regularly to solve their difficulties and queries and to learn from each other to cope with the needs of the deaf child once a month.
- d) Group of parents of the mentally retarded children were also conducted and helped to understand their retarded child better.
- e) Family Therapy groups were conducted for marital disharmony and emotional disturbances.
- f) Groups of 15-20 of alcoholics are conducted with the help of the members, groups of the relatives of alcoholics were also conducted to help them cope with the stress and with regards the addiction as an illness. The wives of the alcoholics are seen in group to help them to understand the addiction as an illness and work with the stresses of the family.
- g) Group of 8-10 patients of orthopaedically handicapped is conducted to discuss their problems and rehabilitation plan once a week.

ii) **Educational Group Work** : These are conducted to educate the patients of drug and their relatives on the nature of the illness and the care that needs to be taken during the period of treatment. Patients of the epileptic children were also seen to disseminate information about epilepsy.

III) **Recreational Group work :**

Patients from wards are kept occupied in recreational activities. Children are given toys or story books. N. S. S. volunteers go to the wards to play some games and entertain the bedridden children.

C) **PROJECTS :**

Out-Door patients :

(i) **Grain-distribution :** For families going through a crisis situation is helped with the help of the Vishwa Hindu Parishad, at the rate of 5 kg. rice and 5kg. wheat per month. Fifty such families are getting benefit of project.

(ii) **Indoor Patients :**

a) **Toy Bank** is conducted for children admitted in the ward also come and play. A volunteer to manage this activity is given an honorarium by the All India Womens Conference.

b) **Circulating Library** for the wards usually adult patients are kept for longer time. Old magazines and books are given for reading. Every day in the afternoon, patients from different wards (ward 12, 14, 15, 16, 29 and 30) are given books and magazines by a worker (old patients of the department). This activity is conducted by paying honorarium to the attendant through sponsorship and donation of old books and magazines.

c) **Picture-poster library :** by which posters are circulated in the wards which helps to create pleasant atmosphere there.

III) **SPECIAL PROJECTS :**

a) **Sheltered workshop :** It is conducted for the physically, mentally and emotionally handicapped cases. Especially, Training in tailoring is given to such patients.

Production : Patients with different handicaps, relatives of needy patients are given some money for piece work basis.

i) **Tailoring :** Making baby clothes, hospital mending, stitching order, 6-8 persons work here.

ii) **Paper bags :** They are made by 10 to 12 patients and supplied to dispensary for packing purposes.

iii) **Chair caning :** On an average 2 to 3 persons are working here. Canning of hospital chairs is done.

iv) **Sale counter :** Sanitary pads and baby clothes, made by the patients in the workshop, are sold at the sale counter. by handicapped persons.

b) **Developmental Clinic :** In this clinic the M. S.W. works with the parents and children for the best possible development and rehabilitation of the children. A team of paediatrician occupational therapist and social worker attend this clinic, once a week.

c) **Hospital Extension Projects :**

i) **King George Infirmary :** Patients mainly from orthopaedic units are transferred to K. G. I. 10 beds have been provided for such mainly for O.T., P.T., treatment and psycho-social rehabilitation.

ii) **L. T. M. G. Hospital School :** The School for the deaf is conducted in the Municipal School Wadala where there are 120 children. This school conducts various activities for children, staff, outside organization.

iii) **M. P. S. W. department** with collaboration of Paraplegic Foundation started ward for paraplegics in the premises after the active treatment was over in the hospital. 15 to 20 patients were transferred from Sion Hospital to this ward in 1992.

M. P. S. W. department continued co-ordinating activities of sheltered workshop for severely handicapped work and partly earn their living.

iv) SPECIAL ON GOING PROJECTS :

- i) **Atithigriha** : Relatives of patients who come out of Bombay are given admission to atithigriha. They are given free meals and tea from atithigriha. On an average 60 to 80 relatives per day take advantage of the same.
- ii) A project of the repairs of 50 chairs & 8 tables of the hospital was undertaken with co-operation of deaf school students. They earned valuable practical experience and confidence and some money.
- iii) **Drinking water project** : Service of clean and cool drinking water for OPD patients and visitors was provided near OPD building with the help of donations. One attendant is provided by the donor to keep the premises clean.

ii) TEACHING, TRAINING AND SUPERVISION :

- i) 12 students social workers came from training schools of social work for their field works experience and they were given necessary training to social work dealing with patients.
- ii) **N.S.S. Projects** : This year N. S. S. volunteers total 300 were sent to M. S. W. department from Khalsa, Gurunank, Ruia, S. I. E. S., S. I. W. S. Colleges to get exposure to hospital patients and projects. They were involved various projects of the Hospital as well as they were trained in maintenance of records.

iii) DONATIONS COLLECTED :

Rs. 15,00,000.00 (approx) were collected by M.S.W. department for major surgery like heart operations, equipments, hearing aids, costly medicines, orthopaedic appliances, implants, wheel chairs, tricycles etc. in cash and kind.

PREVENTIVE & SOCIAL MEDICINE DEPARTMENT :

Regular training is arranged for 1st, 2nd and 3rd MBBS students as well as interns post graduate students & nurses.

HEALTH SUPERVISION OF SCHOOL CHILDREN :

Transit Camp school is included under school health programme. Medical check-up and immunisation are carried out in both the schools. 4,000 children have received supplementary feeding. As a part of child to child programme child volunteers are trained in various health aspects of Transit Camp school and at Cross Road Schools.

VIII. A PROPHYLAXIS PROGRAMME : Oral Vit. A was given to 80 cases in Dharavi Community by making home visits as well as at the clinic.

UNDER FIVE CLINIC : Under Five clinics are conducted at Urban Health Centre Dharavi. Minor ailments of these children are treated, and referred to specialists as per requirements. Malnourished children are given Nutritional aid, Health education on the common problems is given to mothers.

CHILD WELFARE CENTRE : The child welfare centre is conducted by the department of P. S. M. at L. T. M. M. College and Hospital compound and children are enrolled from 3 months onwards and are followed upto the age of five years.

MEDICAL RELIEF : Adult patients and children were examined and treated at Dharavi Urban Health Centre.

VII- URBAN HEALTH INTERNSHIP PROGRAMME : Interns are posted for comprehensive health care to all Urban Slum communities adopted by P. S. M. department who has adopted 4 communities from Dharavi Slums.

1. **Community visits at Dharavi slums :**

a. Muslim Nagar	—	19
b. Kunchi Karve	—	20
c. Nabi Nagar	—	26
d. Health talks	—	34
e. Other communities (Naik Nagar)	—	34
2. **Community visit for ROME PROGRAMME :**

a. Ayodhya Nagar	—	80
b. R. P. Nagar	—	23
c. Shastri Nagar	—	31
d. Poisar	—	18
e. Gautam Nagar	—	29
f. Collateral contacts for community	—	229
g. Health talks	—	46
h. Growth & Developments	—	41
i. Kalina	—	06
j) Pestam Sagar	---	11
3. **Aids provided for the Dharavi Slums Dwellers :**
 - A) Nutritional aid to children :—
 - i) C. R. C. - Nutritional aid with the help of catholic relief services is given to the slum dwellers from Dharavi.
 - ii) N. R. C. - Nutritional rehabilitation centre, Dharavi has enrolled 50 malnourished children. They are fed on nutritious type of diet including milk once a day. Average attendance at each clinic is around 30.
 - iii) Feeding for affected children. A high protein Nutrition snack is being given daily to 25 to 35 months.
 - B) Economic aid in term of each - 10 beneficiaries.
 - C) Employment - Two women were provided with employment.
 - D) Referrals - Case work and follow-ship in Hospital 217 cases
4.
 - a. **Other classes :** Literacy classes are continued five times a week with the help of voluntary workers in five areas.
 - b. **Sewing classes :** Sewing classes are continued from Monday to Saturday at U. H. C. by a teacher. There are 10 sewing machines donated by various agencies and 47 women are under training.
 - c. Health check-up.
 - d. A day care centre has been started at U. H. C. Dharavi for the children of working mothers from Dharavi 30 children have been enrolled.
 - e. 2 Youth groups have been organised in Dharavi slum
5. **Health Education :** Activities are continued regularly in form of health talks, demonstration, exhibitions, films slides shows etc., in all the communities.

6. Income Generation Schemes :

Linen - Income generating scheme 3 women benefited.

7. 2 Guest lectures on different aspects.

8. Toy library for children admitted in the ward and NRC at U. H. C. Dharavi and Thalacemia unit at L. T. M. G. H.

- **WORLD HEALTH DAY CELEBRATION/EXHIBITIONS :** W. H. O. day was celebrated on 7th April, 1992; and the theme was "Heart-beat the rhythm of Health" The department of Preventive and Social Medicine at L. T. M. M. College, Sion, celebrated the World Health Day by organising an exhibition and seminar, at O. P. D. building of L. T. M. G. Hospital, Sion, Bombay - 22.

1) Health exhibition was organised at Dombivali in Collaboration with Rotary Club of Dombivali on 27th, 28th and 29th November 1992 Specimens, models and posters regarding Anatomy, Physiology, Pathology of various diseases of public Health Importance were displayed stressing their preventive and social aspect sections on AIDS, Nutrition and Leprosy were also included. 20,000 school children from Dombivali visited the exhibition along with their teachers, another 10,000 citizens of Dombivali visited and were benefited by the exhibition. The exhibition was highly appreciated.

2) Health Camps were organised in remotes tribal areas of Thane District, Six such camps were organised at Pimpalshet, Jawar, Ase. Brahmanpada Mokhada (on 31st October to 1st November 1992) Vavar, Vakadpada (on 7th & 8th November 1992) dadede and Khudede (on 28th and 29th November 1992).

A Team of doctors comprising of a Reader, Lecturer, Resident and interns with specialists from paediatrics and medicine visited the places. OPD were organised, over 6,000 tribal people were benefited by these camps. Medicines were dispensed, with the help of public health department, Thane. Opportunity was taken to impart health education to them. These camps were coordinated by Neelam Gorhe, Stree Adhar Kendra.

SPECIAL O.P.D.'s

I - **T. B. CLINIC :** T. B. Clinic is conducted at U. H. C. where 2520 suspected T. B. cases were referred to L. T. M. G. Hospital. 1,250 children were treated at T. B. Clinic at Urban Health Centre, Dharavi.

II - **LEPROSY CLINIC :** This is conducted at Urban Health Centre, Dharavi, thrice a week with the help of Bombay Leprosy Project. About 71 cases of Leprosy are under treatment.

III - **REHABILITATION OF PHYSICALLY HANDICAPPED :** The programme was started in June 1987, with the help of I.S.R.R. The physically handicapped children who were school drop outs were included under this programme. The aim of this programme is to prevent juvenile delinquency and train every physically handicapped in some vocation through which he can earn and maintain himself. Two courses are conducted for the physically handicapped namely.

IV - **FAMILY WELFARE CLINIC :** Every Tuesday & Friday 2-3 women under sterilisation. Daily vasectomy operations are carried out as well distribution of Oral pills and insertion of loops. Population educated regarding small family norm. Vasectomies are carried out on all working days.

At this clinic the population is educated regarding small family norm daily.

V. - **SPECIAL TRAINING SCHOOL :**

a. Community health workers scheme is continued with regular training to a batch of women and refresher training course is also arranged.

b. Training children child to child programme. 30 children were given training on various aspects of health under this programme.

ACTIVITIES AT URBAN HEALTH CENTRE DHARAVI :

The activities carried out by the department of P. S. M. at U. H. C. Dharavi can be classified into three categories :

1. Medical Services
2. Welfare Activities at Centre and at Home
3. Special Activities
4. Social and Recreational Activities - Youth Form

1) MEDICAL SERVICES :

Routine :- 1) Medical Relief for Adult and Children

- 2) Immunisation clinic
- 3) Under Five Clinic
- 4) Ante-Natal Clinic and Mother Graft Clinic
- 5) Family Welfare Centre
- 6) T. B. Clinic
- 7) Leprosy Clinic
- 8) Ophthalmic Clinic
- 9) E. N. T. Clinic

2. NUTRITION AND HORTICULTURE :

1. Nutritional rehabilitation centre at U. H. C.
2. C. R. S. feeding programme at U. H. C.
3. Feeding programme for T. B. children.
4. Kitchen garden at U. H. C.
5. Day Care Centre

3. HEALTH EDUCATION :

1. Talks
2. Group discussion
3. Exhibitions
4. Films and slide shows
5. Demonstrations
6. Role playing
7. Screen printing machine

4) TRAINING PROGRAMME :

a) Training of Workers :

1. Community health workers
2. Traditional Birth attendance
3. Child volunteers
4. Youth group

b) Training course,

1. First Aid Classes
2. Adult literary classes

5) **SPECIAL PROJECTS :**

1. Toy library
2. Traditional Birth attendance
3. Child Volunteers.

UNIVERSAL IMMUNISATION PROGRAMME : The department has adopted 3.5 lacs population (slum population for implementation of U. I. P. programme. This is one of the important national Health Programme.

AMBULANCE SERVICE : Round the clock ambulance service is maintained at this hospital.

POOR BOX CHARITY FUND : The amount in the Poor Box Charity Fund as on 31-3-1993 is Rs. 5,95,280.06 collection from the Boxes, donations, and other miscellaneous, receipts, during the year amount to Rs. 30,41,764.24 and expenditure through the P.B.F. was Rs. 28,08,129.76.

FACILITIES FOR MUNICIPAL EMPLOYEES : Separate counter have been kept reserved at the Registration department, Dispensary and afternoon OPD for the Municipal Staff. Fifty percent concession is granted in paying bed scheme.

The sale of drugs and medicines for the benefit of patients have been started at this hospital through L.T.T.M.M. College and L.T.M.G. Hospital consumers Co-operative Society from the year 199 .

Sig./-

DEAN

L. T. M. G. HOSPITAL &

L. T. M. M. COLLEGE,

SION, BOMBAY : 400 022.

**THE NAIR HOSPITAL DENTAL COLLEGE
ADMINISTRATION REPORT -- 1992-93**

Dr. D. R. Shahani held the post of Dean, Professor & Head of the Department of Conservative Dentistry during the year 1992-93.

Various national conference and refresher course were organised in Nair Hospital Dental College during the year and the participation of the staff and students of Nair Hospital Dental College brought great honour to the institution.

Being a leading Dental Institution in the country many staff members of Nair Hospital dental College were invited as Inspectors of Dental Council of India to inspect different Dental Colleges in the Country and advised the council and colleges in promoting Dental Education, Research and Patient Care.

The College and Hospital has been progressively expanding to include various specialities. Scientific papers were published and Research works carried out during the year by all departments of Nair Hospitals Dental College.

Several Community Dental Health Education Programmes were organised through the Department of Periodontics, Pedodontics in the slums of the city where, regular Dental Care facilities do not reach.

A mobile dental van for rendering dental health services in the most remote areas in the city continued its work during the year under report. 99 Dental camps were organised during the year under report through voluntary organisations like Lion's Club, Rotary Club etc.

PATIENTS TREATED : 2,31,916 patients were treated in different departments of this institution during 1992-93 and the daily average was 805 patients.

There are 30 beds in the indoor ward.

Out of 2,31,916 patients, 3,626 patients were treated by the staff attached to the Community Mobile Dental Service.

The following income during the year 1992-93 under report was received :--

1. Admission Fee	34,700/-
2. Tution Fee (including Hosp. practices, Library Fee).	7,10,285/-
3. Receipts from patients	13,66,616/-
4. Minor Receipts	1,88,383.54/-
5. Fines	10,939/-
6. Post-graduate Fees	1,05,196/-
7. Observe Course	3,000/-
8. Microscope Charges	7,130/-
9. Rent of Locker	15,446/-
10. Hostel Rent	36,150/-
11. Rent for canteen	1,800/-
12. Rent for quarters	45,150.16/-
13. Practical Physiology	6,820/-
14. Revenue Unserviceable	5,405.07/-
Total :	25,37,020.77/-

The total Budget provision of Rs. 1,99,09,310 was made in the Budget Estimates for 1992-93 for meeting the entire expenditure of this institution including Establishment cost.

HOSTEL : Approximately 73 students were accommodated in College Hostel which is located at building No. 6 at Haji Ali, Mahalaxmi, Bombay.

LIBRARY : There are 8,958 books in the library. The library subscribes about 35 periodicals, titles, in addition to the complimentary periodicals and some college magazines. The library hold 2,199 bound volumes of the journals.

SPECIAL EQUIPMENTS : There are 160 Dental units and chairs fitted with most modern Dental Gadget in various clinical O. P. D. Pre-clinical laboratories are also equipped with modern dental Lab. equipment. There is porcelain unit and induction casting machine available in prosthetic Lab. for latest technology in Dentistry.

There are 2 Operation Theatres equipped with all essential, emergency equipment such as Cardioscope Cryosurgery unit and Micro Electric System etc.

X-ray department is having latest X-ray equipment such as Orthopantomograph, panoramic x-ray unit, cephalometric unit etc.

The staff engaged for different services in this college are (1) Dental teaching staff-106 (2) + Para-Medical Staff-52 (3) Medical teaching staff-30 (4) Administrative and labour staff-211.

The college conducts four years course in Dentistry leading to the Degree of bachelor of Dental Surgery and also Post-graduate course in 8 dental subjects leading to the Degree of Master of Dental Surgery of the University of Bombay.

The number of students appeared and passed at University is as under :-

Examination	Total No. of students appeared April 1992	Total No. of students passed April 1992	Total No. of students appeared October 1992	Total No. of students passed October 1992
Under-Graduate	178	166	117	102
Post-Graduate	33	27	15	14

Following Scholarship have been given to the students at Nair Hospital Dental College.

1. Dr. P. P. Shahani Scholarship.
2. Dr. J. M. Dubash Scholarship.
3. Silver Jubile Award.
4. Dr. Raksha Dharia Scholarship.
5. Dr. Vinod Bhatt Scholarship.

Following University prizes and Awards have been awarded to students at Nair Hospital Dental College during the year under report.

1. The Colgate Palmolive Gold Medal for 1992.
2. The Rustomji Bejonji Vachha Memorial Scholarship for 1992.
3. The (Mrs.) Indumati Javeri Scholarship for 1992.
4. The Late Dr. Jimmi N. Dubash Prize for 1992.
5. The Dr. Keki M. Mistry Gold Medal for 1992.
6. The late Dr. Shyamsunder Dattatraya Soman Prize for 1992.
7. The Late Dr. M. A. Kothare Prize for 1992.
8. The Late Bai Annupurnabai Vishwanath Mandlik Prize for 1992.

OTHER AWARDS :

1) Plaque Award of International College of Dentistry, New Delhi for Best All Round Student for the year 1992 has been awarded to Shri Amit M. Vora.

VISITORS :

1) Dr. Kamal Vibhakar from U. S. A. visited Nair Hospital Dental College on 4th January 1993 and delivered a talk on the topic of "Implants for General Dentists".

2) Prof. Khurshid Moos, Prof. & Dean, Glasgow, U. K. senior consultant cannisburn, Institution Cannisburn, scotland, U. K. visited Nair Hospital Dental College on 5th December 1992 and delivered a talk on the topic of "Training in Maxillofacial Surgery".

3) Dr. Indru Punwani, Director, Department of Pedodontia, University of Illinios, Chicago visited Nair Hospital Dental College on 22nd January 1993 and delivered a talk on "Information about undergraduate and postgraduate education in United States."

4) Dr. Anil Joglekar, Prof. of Prosthetics Department, Harvard University, Washington visited Nair Hospital Dental College on 26th February 1993 and 2nd March 1993 respectively and delivered a talk on 1) Dental Rainbow, 2) Prosthetics-complete Denture and fixed prosthesis.

13 dissertation work on various topics were conducted during the year 1992-93 by M. D. S. students.

The work done by the various departments is given below in brief :

1) DEPARTMENT OF ORAL DIAGNOSIS & RADIOLOGY :

Dr. S. A. Jakhi is the Professor & Head of the department.

In this department, routine check-up of all the patients attending O. P. D., is carried out. Patients are screened for infective diseases especially syphilis, T. B., Aids, Precancerous and cancerous lesions, biopsies are also taken in the said department and management of soft tissues lesions are routinely carried out. In the department of radiology all routine x-rays, intra-oral and extra-oral radiographs are taken.

During the year under report 56,230 patients have been treated.

2) DEPARTMENT OF MAXILLOFACIAL & ORAL SURGERY :

Dr. J. N. Khanna is the Prof. & Head of the Department. This is the only Oral Surgery Department in the country, which has fulfilled Indoor Ward facilities. The Indoor Ward has all together 30 beds for both male and female patients.

Following cases are regularly attended to by the department Staff and post-graduate (M.D.S.) students --

- 1) Trauma cases with Fractures of the Facial bones (Pan Facial Injuries)
- 2) Cases for surgical correction of Denta Facial deformities.
- 3) Oral Cancer & Precancerous Lesions.
- 4) Benign tumours and cysts of the Jaws.
- 5) Tempero-Mandibular J. T. ankylosis and other related problems.
- 6) Infections of the Maxillofacial region.
- 7) Minor Surgical procedure such as-Surgical extractions of teeth, Biopsy, Abecess drainage etc.
- 8) Surgical treatment of Oral Submucus fibrosis.

3) DEPARTMENT OF PEDODONTIA :

Dr. S. G. Damle, is the Professor & Head of this department.

This department deals with complete oral rehabilitation for child patients upto the age of 12 years. The treatment modalities like restruction of the decayed teeth, pulp therapy, root-canal treatment, management of traumatic injuries, minor surgeries and preventive dentistry are being carried out under Local and general anasthesia.

There is a separate room for treatment of handicapped children, which is a major part of our daily routine work. During the year, in this department, total 23,395 patients (with school clinic patients) were treated.

4) DEPARTMENT OF CONSERVATIVE DENTISTRY :

Dr. D. R. Shahani is the Professor & Head of this department. This department deals with restoration of teeth damaged due to dental caries/fracture etc. The work comprises of fillings/Root canal therapy/ Cosmetic correction of teeth using materials like composites, glass ionomers. Surgical procedures like apsectomy, replantation etc.

Scientific papers are read by staff members and post-graduate students at National and International conferences and published in nation and inter-national journals.

During the year under report, 32,590 patients have been treated by the under-graduate, post-graduate students and other teaching staff members.

5) DEPARTMENT OF PERIODONTOLOGY :

Dr. I. R. D'Silva is the Professor & Head of Periodontology and Incharge of Community Dentistry Section.

There is a high prevalence of Periodontal disease in our country and children too are affected. Periodontal disease is curable, if the patient seeks treatment in the initial stage.

This department not only treats periodontal disease but also educates the patients on prevention of occurrence of the disease. They are made aware of the factors which initiate the disease. Poor oral hygiene is the main cause of the disease and hence patients are taught correct oral hygiene measures. Besides after treatment they are called at regular intervals for checkup. During the year 28,202 patients were treated in the department.

(6) COMMUNITY DENTISTRY SECTION :

The college has a mobile dental van which goes to Malvani, Cheeta Camp and Shivaji Nagar on Mondays, Tuesdays and Fridays. On the other days of the week the staff work in the college premises. Regular talks and demonstrations on how to prevent periodontal disease are given to the patients who visit the camps. These dental camps are held in collaboration with the Preventive and Social Medicine department of Nair Hospital and KEM Hospital.

During the year 3626 patients were treated at the 99 camps that were held during the period under this report.

(7) DEPARTMENT OF PROSTHETIC, CROWN & BRIDGE :

Dr. (Smt.) Shirley W. Mhatre is the Professor & Head of the department.

This department deals with loss of teeth in order to restore oral functions, cosmetics, speech and general comfort of patients so as to rehabilitate them and make life more fruitful and healthy.

All edentulous/partial edentulous cases are treated with complete/partial fixed prosthesis. The treatment is also carried out for patients having congenital or acquired maxillofacial defects with the help of obturators and speech appliances.

During the year under report 16,186 patients were treated in the department.

(8) DEPARTMENT OF ORTHODONTICS :

Dr. (Smt.) T. M. Bhagtani is the Professor & Head of this department.

50% of the total population in this country are suffering from malocclusion. This department deals with prevention and correction and management of patients with malocclusion (crooked teeth). Preventive treatment includes oral habit breaking appliances, space regainer, space maintainers and minor tooth movement during abnormal eruption of teeth. Under corrective treatment patients with 288 removable appliances, 58 myo-functional appliances and 226 fixed appliances are treated. The treatment is 50 non-surgical patients with cleft lip and palate and also treated with a suitable appliances.

During this year 18,967 patients have been treated in the department.

(9) DEPARTMENT OF ORAL PATHOLOGY & MICROBIOLOGY :

Dr. (Smt.) V. R. Brave is the Professor and head of this department.

The department of Oral Pathology has been seeing an upward trend in the attendance of patients.

Diseases of the mouth like soft and hard tissue lesions, Oral precancers and cancers, systemic diseases with Oral manifestations and immunologic disorders are examined in this department. when pertinent laboratory tests (blood, urine) and procedure deemed relevant (biopsy cytology) to establish diagnosis are done. The department is well equipped to carry out clinical pathology investigations. Very special investigations are carried out with the assistance of B. Y. L. Nair Hospital. The department maintains a Cancer Registry, a cross reference file of cases and a collection of hard and soft tissue specimens. During the year 600 cases were investigated.

During the year under report 3889 patients were treated in the department.

Dean I/c.,
Nair Hospital Dental College.

GROUP OF T. B. HOSPITALS, SEWRI
ADMINISTRATIVE REPORT OF TUBERCULOSIS
SERVICES AND GROUP OF T. B. HOSPITALS
BRIHANMUMBAI MAHANAGARPALIKA

1992-93

High-lights of the year 1992-93

I.--The services aim at the following objectives :

1. To ensure proper and effective control over the working of the various anti-TB activities conducted by the several agencies in Brihanmumbai Mahanagar Palika limits to bring Tuberculosis reasonably under control.

2. To give concentrated attention to the management and the implementation of the measures on the guidelines of the policies adopted on the National policies for TB Control i.e., by the State and the Central Government Health authorities.

3. To Co-ordinate and manage the whole TB Programme by associating agencies including the voluntary and private charitable organisations.

4. To remove short-falls which are in existence in the present TB Control Programme.

Achievements :

The domiciliary treatment has been upgraded by 27 Area Tuberculosis Centres in different areas of the City and the Suburbs for implementation of the City Tuberculosis Programme in collaboration with the State Government, Municipal Institutions and several Voluntary Organisations.

Besides these Area Tuberculosis Centres, 62 UP-graded Dispensaries have been adopted as the Treatment Centres, where anti-TB Drugs including Inj. Streptomycin and other drugs are given free to the patients residing in their vicinity.

II.--Expenditure :

	Rs.
1. Total Expenditure	1,46,84,851.47
2. Amount spent on In-patient	1,09,34,357.00
3. --" --" Out-patient	37,50,494.47
4. Average cost per day on--	
i) In patient	32.74
ii) Out-patient	13.99

III.--Significant Activities :

1. Scheduled Bed Strength	1000
2. Admissions	13,264
3. Daily average of In-pts.	915
4. Out-patient at Clinics	10,108
5. Operations carried out	
i) Major	11
ii) Minor	441
6. Health Visits paid	5321
7. Patients covered under CTP	34,762
8. Patients under treatment at Municipal Centres	22,930

9. X-rays--

G.T.B. Hospitals	30,362	...	70,432...
TB Clinics	40,070		

10. Pathology--

G.T.B. Hospitals	3,17,017	}	...	3,98,959
TB Clinics	47,936			
	34,006			

11. No. of School Children

Treated for TB. ... 1,671

12. Follow-up examination : 3918

Treatment to TB patients is provided at the following centres :

1. G.T.B. Hospitals, Sewri, Bombay-15.
2. Municipal TB Clinic, Shamaldas Gandhi Marg, Bombay-2.
3. Municipal TB Clinic, Balaram Street, Bombay -- 400 008.
4. Municipal TB Clinic, Nawab Tank, Dockyard, Bombay -- 10.
5. R.D.T.B. Clinic, Dadar, Bombay -- 14.
6. M.M. Munshi Mun. TB Clinic, Khar, Bombay -- 52.
7. Municipal Sub-TB Clinic, K. B. Bhabha Hospital, Kurla, Bombay -- 70.
8. All Municipal General Disps. and TB Sections in General Hospitals (City & Suburbs, Extended Suburbs).
9. Voluntary Organisations (No.) which functions as Area Tuberculosis Centres.

The classification of the total bed strength at G.T.B. Hospital is as under :--

G.T.B. Hospitals	Male	Female	Total
Medical	748	198	946
Surgical	44	10	54
	792	208	1000

After discharge, 3918 patients attended the hospital for follow-up.

G.T.B. Hospitals :

From Previous Yr.	New admission	Total	Cured	Other wise	Died	Remained at the end of the year.
873	13,264	14,137	10,704	563	1934	936

Statistical data revealed the high incidence of T. B. in the age group of 35-40 years. Ratio of death of total patients treated was 13.68%.

Municipal TB Clinics :

Cases directed by TB Clinics are examined at Group of TB Hospitals, Sewri and those needing admission are admitted to these hospitals.

Name of the Clinics	No. of patients	TB Cases	Non-TB cases
1. R.D.T.B. Clinic	12,913	3406	9507
2. Shamaldas Gandhi Marg, TB Clinic	4,477	1680	2797
3. Balaram Street TB Clinic.	3,734	1498	2236
4. M.M. Munshi TB Clinic Khar.	6,257	2816	3441
5. Nawab Tank TB Clinic, Dockyard.	1,875	708	1167
TOTAL :	29,256	10,108	19,148

From the year 1989-90 in addition to the treatment of Pulmonary TB Cases, the department of Non-TB Chest Diseases has started functioning on OPD level. Total 318 New patients attended the P.F.L. OPD and 1514 patients attended the follow-up OPD after investigation during the year. These patients are provided medicines from this hospital.

Poor Box :

Collection in the Poor Box of the hospitals is utilised for the benefit of the Poor and needy patients and incidental expenses. An amount of Rs. 82,018.05 was collected for the Poor Box Charity Fund of the hospitals and Clinics during the year.

Teaching :

Post-graduate lectures are delivered at this hospital regularly. This hospital is also recognised for Diploma Course in Tuberculosis & Chest Diseases by the College of Physicians and Surgeons, Bombay and for Degree Course in M. D. (Tuberculosis & Chest Diseases) by the University of Bombay and Homeopathy students. Clinical instructions are imparted to under-graduate students of L.T.M.M. College, Sion in regular batches for a 2 weeks period.

City Tuberculosis Programme :

The Brihanmumbai Mahanagar Palika have established the City Tuberculosis Programme (CTP) in the Mumbai City on behalf of the State Government with the free assistance from Central Government in the form of Anti-TB Drugs and MMR X-ray rolls. 31 Centres alongwith several others run by the Teaching Medical Institutions and Peripheral Hospitals in addition to 62 Centrs have been entrusted with the drug distribution consisting of the most modren and effective drugs like Rifampicin.

Following are the Up-graded Disps., Peripheral Centres covered by each Area Tuberculosis Centres.

Ward	Area Sq.Km.	Population	Name of the A.T.C.
A	10.48	1,43,505	G.T. Hospital
B	2.47	1,47,313	Nawab Tank Mun. TB Clinic Dockyard Rd., Bombay.
C	1.79	1,57,524	Samaldas Gandhi Marg TB Clinic. C-Ward Medical Association.
D	6.63	4,03,238	Balaram Street TB Clinic.
E	7.40	4,17,757	J. J. Hospital, Byculla Nair Hosp., Bombay.
F/S	10,5879	4,06,231	R.D.T.B. Clinic, Dadar.

Ward Sq.Km.	Area	Population	Name of the A.T.C.
F/N	10,559	4,41,214	O.H.T.C.TB Clinic. E.S.I.S. Hosp., Worli.
G	18.84	9,99,189	P.S.M. Centre, Dharavi.
H	25.8	8,11,567	M.M. Munshi TB Clinic, Khar. Maharashtra Lokhita Seva Mandal. Mun. Gen. Hosp. Santacruz.
K	43.0	12,52,162	R.N. Cooper Hosp., Juhu, Vileparle.
L	13.0	4,34,007	Bhabha Hosp. Kurla Sub-TB-Clinic.
M	62.19	8,28,815	MAA Hospital, Chembur, Centenary Hosp., Govandi.
N	39.0	5,12,363	Rajawadi Hosp., Ghatkopar. Barve Nagar Gen. Hsop. Ghatkopar.
P	74.83	9,47,602	Malad Gen. Hosp. Haji Babu Rd., Malad (E).
R	82.73	9,90,828	Bhagwati Hosp., Borivli (W).
S	41.44	5,66,099	Centenary Hosp., Kandivli (W).
T	41,44	2,09,829	M.T. Agarwal Mun. Gen. Hosp. Mulund (W.) Mulund Gen. Hosp., Mulund (E).

All the Peripheral Centres which are the Municipal General Dispensaries, serve as the Treatment Centres only. The Medical Record Department of the hospital and Clinics and Central Statistical Section for field services is located at the Group of T.B. Hospitals, Sewri.

As provided under the National Tuberculosis Programme, the Central Control Agency is being formed under the Chairmanship of the Municipal Commissioner.

Sig./-

Medical Superintendent,
Group of T. B. Hospitals.

SETH A. J. B. MUNICIPAL E. N. T. HOSPITAL

7, Maharshi Dadhichi Marg, Fort, Mumbai No. 400 001.

HIGH LIGHTS

		Rs. P.
I—EXPENDITURE :		
A) 1. Expenditure (on Inpatients only)	....	19,53,920.00
2. —"— On Establishment.	...	64,39,243.00
B) AVERAGE COST :		
1. Per In-Patient per day.	...	324.33
2. Per Out-Patient Attendance.	...	7.97
II—RESULTS :		
A) 1. Scheduled Bed Strength	...	100
2. Daily Average In-Patients in Wards	...	52.26
3. Admissions including those brought over previous year. (3978+37=4015)=	...	4015
4. (a) Patients Discharged. left against Medical Advice.	...	4015
(b) Remained in hospital on the last day of the year.	...	50
5. Highest number of admissions on a single day. (25th Aug. 92 & 3rd Nov. 1992).	...	25
6. Average Stay of the In-Patients. (in days)	...	4.75
B) 1. Patients (New)	...	42,648
2. Daily Average of Out-Patients. (New)	...	141
3. Out-Patients. (New & Old)	...	81,733
4. Daily Average of Out-Patients Attendance	...	271
5. Highest number of attendance on a single day. (14th Sept. 92. New : 273 +189 Old) =	...	462

The scheduled Bed Strength of the hospital is 100. Total 3,323 number of Operations were performed on In-Patients of the hospital.

The following investigations were performed in :--

PATHOLOGY DEPARTMENT in the year 1992-93.

(A) Clinical Pathology	...	46,368
(B) Bio-Chemistry	...	2,190
(C) Histo-Pathology	...	583

In X-RAY DEPARTMENT 4,425 patients came for X-Rays. 7,605 X-Rays were taken. And 5,733 films were used for X-Ray.

AUDIOLOGY & SPEECH THERAPY DEPARTMENT : Is concerned with the full comprehensive hearing tests of individuals having hearing disorders. The services of speech therapists for the individuals having speech and language disorders are also available in this hospital.

5,415 number of Fresh Audiogramme, 491 number of Post Operative Audiogramme, 975 number of Repeat Audiogramme, 720 Special Tests recorded. And 1507 number of Speech Therapy cases were attended.

An amount of Rs. 86,275/- was collected through the POOR BOXES during the year 1992-93. Trechestomy Tubes, X-Ray charges, Blood for Transfussion and Teflon Piston were provided to the poor and deserving patients at Part/Full cost through the POOR BOX FUND.

The work carried out by the C. D. O.'s department in the year 1992-93 is as under :-

1) Total No. of deaf Adult Attended	:	299
2) Total No. of Child Deaf Attended	:	162
3) Total No. of T. B. Patient Attended	:	93
4) Total No. of Cancer Patients Attended	:	67
5) Total No. of Miscelleaneous Attended.	:	586

Number of total patients Attended : 1207

The poor adult deaf patients are helped in obtaining. 'Free Hearing Aid' from Aliyavarjung National Hearing Handicapped Institute, and also hearing aid provided at concessional prices from various companies. The deaf and dumb children are rehabilitated at special schools and vocational centres. This department also helps T. B. patients in getting medicines and injections and providing blood transfusions from the Blood Banks.

The Medical Staff consists of :-

	No. of Posts.
1) Assistant Medical Officer (I.C.)	1
2) Honorary E.N.T. Surgeons	2
3) Assistant Honorary E.N.T. Surgeon.	4
4) Anaesthetist (P.T.)	1
5) Pathologist (P.T.)	1
6) Junior Asstt. Med. Officer.	2
7) Resident Medical Officer.	10

*Assistant Medical Officer,
Municipal E.N.T. Hospital.*

**SETH V. C. GANDHI & VORA MUNICIPAL GENERAL HOSPITAL
RAJAWADI, HOSPITAL, GHATKOPAR, MUMBAI : 77**

HISTORY :

LOCATION : This hospital is located in the Ghatkopar suburb on the Eastern side of the Genral Railway line.

In the year 1957, the Ghatkopar area was merged into the Bombay Municipal Corporation. The S. V. Khimji Maternity home of 20 beds of the then local Ghatkopar Municipal bureo was merged with the dispensary.

Since the number of patients increased considerably which give birth to a 50 beded general hospital in the year 1958. In provided Indoor treatment with facilities like Operation THEatre Xray & Laboratory etc. It was then named as "SETH V. C. GANDHI & M. A. VORA MUNICIPAL GENERAL HOSPITAL" as both of them donated Lakh of Rupees each construction of hospital.

The bed strength rose to 160 with the introduction of Paediatric and Gynaec wards.

In the year 1972 specialised depàrtment E. N. T. Ophthalmology, Orthopaedic, Pathology etc. were introduced by which the bed strength rose 200.

In the 1973, Casualty Department was introduced alongwith mobile dispensary, ambulance hearse and Blood Bank.

In 1979 further upgradation earned recognition as a teaching institution by Bombay University under graduate students from L. T. M. G. College, Sion & T. N. M. College of B. Y. L. Nair Hospital attended hospital for their clinical training upto the end of the year 1986.

I. C. C. U. and M. I. C. U. with total 11 beds were started from 1981.

Form 1988 the Additional Coroner's Court Rajawadi has started functioning in the campus of Hospital.

Drug addicioncentre started from 27-11-1989.

Food handlers scheme started from 16-12-1989.

Eyebank started from 1-6-1990 and ultrasonography department started from 1990.

The units in Medicine Surgery, Gynaec & Obstetric were increased from 2 to 3 & in Ophthalmic, Paediatric from 1 to 2 each. The beds of Surgery Department were increased from 72 to 1990. The total bedstrength rose to 570.

FOR THE YEAR 191

HIGHLIGHTS :

I		EXPENDITURE	
(A)	1.	On in patients	Rs. 5,24,38,777
	2.	On Out patients	Rs. 1,31,99,967
		TOTAL EXPENDITURE	Rs. 6,56,38,744

I REVENUE COLLECTED BY THIS HOSPITAL

1.	Certificate & Poor Box Charity	Rs. 14,660
		Rs. 17,415
2.	X-Ray (Donation	Rs. 6,04,620
3.	Donation	Rs. 24,603
4.	E.C.G. Collection	Rs. 33,700
5.	U. S. G.	Rs. 1,65,260
6.	Side Room Charges	Rs. 3,06,232

AVERAGE COST PER PATIENT			
1.	In patient per day	Rs.	296.63
2.	Out patient per day	Rs.	22.23
RESULTS IN PATIENTS			
1.	Rajawadi Hospital Beds	570	
	Sarvodaya Hospital Beds.	70	
	Bhandup Hospital Beds	30	
	Total No of Beds	670	
2.	Daily Average in patients in wards		402
3.	Admission including those brought over From previous year		29266
4.	Number of patients discharged as :		
	1) Relieved		2100
	2) As cured		24133
	3) Otherwise		1109
	4) Expired		
	a) within 24 hours		789
	b) After 24 hours		200
	c) Exceding 3 days		583
	Total :		1572
5.	Remained in the hospital.on the last day of the year		352
6.	Daily Avwrage No of admission		80
7.	Average stay of in patients		6 days
8.	Highest Number of in patients in a single day.		509
(C)	OUT PATIENTS :		
	1) New out patient attendance		200144
	2) Daily average number of out patients		658
	3) Highest new OPD attendance on a single day.		768
	4) Total No of Casualty attendance		76007
	5) Old OPD attendance		393487
	6) Daily Average of Total OPD patients		1294
	7) Daily average of Total OPD patients.		1953
(D)	i) Total Major Operation on in Patients.		3261
	ii) Total Minor Operation on in Patients		10174
	TOTAL OPERATIONS		13435
(E)	CONFINMENTS :		
	i) Booked cases		4675
	ii) Emergency Cases		1103
	iii) Normal		4342
	iv) Abnormal		1271
	v) Left before delivery		31
NEO NATAL AND NATURAL DEATHS			
	i) Neonatal Deaths		169
	ii) Maternal Deaths		18
	iii) Still Births		242
	iv) Premature deaths		36

SPECIALISED TREATMENT :

- | | |
|--------------------------|-----|
| i) Sterilization Male | 2 |
| ii) Sterilization Female | 784 |

Dr. Y. N. MORE. M.B.B.S., M.C.P.S., D.G.O., D.H.A. (BOMBAY). & SPECIAL EXECUTIVE MAGISTRATE HELD THE POST OF MEDICAL SUPERINTENDENT FROM DECEMBER 1986 till date.

Dr. (Smt.) A. S. PENDSE, M.B.B.S., D.G.O., held the post of A.M.O. (ADMN) FROM 1-7-1992.

The following departments exist in this hospital

1) Medicine 2) Medical Intensive Care Unit 3) Surgery 4) Paediatrics 5) Gynaecology & Obstetrics including Antenatal & Postnatal clin. 6) Family Welfare 7) E. N. T. 8) Audiology & Speech Therapy 9) Orthopaedics 10) Skin & V. D. 11) Ophthalmology 12) Psychiatry 13) Dental 14) Occupational Therapy & Physio Therapy 15) Pathology 16) Blood Bank 17) Evening dispensary for Municipal employees 18) Casualty 19) Anti Rabic Immunisations 20) Radiology Department 21) International Health Certificates. 22) Medico Social Service Department 23) School Clinic 24) Tuberculosis Clinic 25) Immunization Clinic 26) E.C.G. Department 27) Diabetic Clinic 28) Ayurvedic & Homeopathy 29) Cancer Detection Centre 30) Ultrasonography Department 31) Eye Bank.

1. DEPARTMENT OF MEDICINE :

The department of Medicine consists of 3 Units. Each Unit is looked by Honorary Medical Officer (Medicine) Honorary Assistant Medical Officer (Medicine), Lecturer, Registrar, Houseman & A. M. O. Each Unit conducts out patient Department and emergency Services twice a week by rotation.

The Gastroenterology Department is looked after by Honorary Medical Officer (Medicine) and a Honorary Medical Officer (Surgery) Jointly.

MEDICAL INTENSIVE CARE UNIT & CARDIAC CARE UNIT :

These units were started at this hospital from May 1979. Serious cases are admitted directly to these units. Cases transferred from other units are also treated. Only trained staff and doctors are posted for work in these units. This department is managed by all 3 Medical Units by rotation. (Statistical information in appendix 3, 4).

2. DEPARTMENT OF SURGERY :

The department of Surgery consists of 3 units. Each unit is looked after by a Honorary Medical Officer (Surgery) & Honorary Assistant Medical Officer (Surgery) Lecturer, Registrar, Houseman & A. M. O. Each Unit conducts their O. P. D. & Emergency Services twice a week by rotation (statistical information in Appendix 3 & 4).

3. DEPARTMENT OF PAEDIATRIC :

The Paediatric Department consists of two units consisting 2 Honorary Medical Officers, 2 Lecturers, 2 registrars & 4 House Physicians.

The department conducts daily O. P. D. and emergency services.

For benefit of school children in Municipal schools a school clinic O. P. D. is run daily in the afternoon by Assistant Honorary (School Clinic) and Registrars.

4. DEPARTMENT OF GYNAEC AND OBSTETRICS :

This department consists of 3 units. Each units is looked after by a Honorary, Medical Officer (Obstetrician & Gynaecologist) and Lecturer, Registrar, Houseman & A. M. O. Each unit conducts its O. P. D. & emergency services twice a week by rotation.

Ultra Sonography started from 1991.

Each Antenatal Patient is examined for blood analysis, regular weight, urine examination, besides general and abdominal examinations. (Statistical information in Appendix 3, 4 & 9).

5. DEPARTMENT OF ORTHOPAEDICS :

The Orthopaedic department in Rajawadi Hospital, exists from the year 1972. It now Function with two units each unit consists of Honorary, Asstt., Honorary, Lecturer, A. M. O., or Registrar and two House Surgeons. O. P. D., is conducted daily except Sunday. (Statistical information in Appendix No. 3, 4, & 9).

6. DEPARTMENT OF PSYCHIATRY 1992 :

The department of Psychiatry was established in October 1978, Initially only out-door facilities and subsequently with Indoor Psychiatric facilities from November 1989 for males and from July 1990 for Females.

7168 old cases were treated and followed up.

Dr. Manilal Gada Prof. of Psychiatric Department of this hospital was awarded by American Biographical Institute Inc. U. S. A. "Most Admired Man and Women of the year 1992-93 as well as he was selected as "WORLD INTELLECTUAL OF 1993" by International Biographic Centre, Cembridge, England. This being an unique honour. He has also acquired many such honours.

7. DEPARTMENT OF TUBERCULOSIS :

This department consists only one unit. It is looked after by one Asstt. Honorary Medical Officer. (T. B. Specialist) and A.M.O. This unit functions on all days of the week except Sundays. This department renders treatment to the old and new patients referred by Dispensary as well as private doctors etc. suffering from pulmanary Tuberculosis.

8. DEPARTMENT OF INTERNATIONAL HEALTH CERTIFICATE :

This department functions all days of the week except Saturday, Sunday & Holiday. People desiring Health certificates for going abroad or piligrames attend this counter between 11 AM to 12.30.

8(A) AYURVEDIC & HOMEOPATHIC :

This department was functioning only one day in a week i.e., on Monday 1 PM to 3 PM However now this department functions twice a week. (Monday-Thursday) (Statistical Information in Appendix 3).

9. DEPARTMENT OF EAR, NOSE, THROAT :

This department consists of one unit. This unit is looked after by Honorary Medical Officer (Ear, Nose, Throat) Asstt. Honorary E. N. T. Surgeon, Registrar, House Surgeon. This unit conducts O.P.D. & Emergency Services Thrice a week.

6 Articles concerning subject written of E. N. T., were sent by E.N.T. department of Rajawadi Hospital 1992-93 for publication in India and Abroad & 4 name pulished. Five papers concerning subject & were also presented in Seminar & conference in abroad.

10. DEPARTMENT OF SKIN & V. D. :

This department consists of one unit it is looked after by one Honorary Medical Officer (Dermatology) Lecturer, Registrar & House Physician. This department functions on all days of the weel except Sunday (Statistical Information in appendix No. 3, 4).

11. DEPARTMENT OF OPHTHALMALOGY :

The Ophthalmology Department consists of one unit functioning everyday look after by Honorary Medical Officer (Ophthalmic Surgeon) one lectuer & Registrar & Housemen.

Eye Bank is started with facilities for attending eyedonation calls at the carliest & doing emergency Keratoplasty. (Statistical Information in Appendix No. 3,4, & 9).

12. DEPARTMENT OF DENTISTRY :

This department consists of one unit which is looked after by a Honerary Assistant Medical Officer (Dental Surgeon) and a Lecturer. This unit functions on all days of the week except Sunday. (Statistical information in Appendix No. 3)

13. OCCUPATIONAL THERAPY DEPARTMENT :

Assistant Occupational Therapist	1 Post
Full Times Jr. Occupational Therapist	4 Posts
Part Time Occupational Therapist	2 Post

O.P.D. Patients : The cases like upper extremity fractures, lower extremity fractures, hemiplegia, quadriplegia, facial Palsy, cervical spondylosis, neuropathy, arthritis, polymyositis, cerebral palsy and miscellaneous cases are treated.

14. PHYSIO THERAPY DEPARTMENT :

Physiotherapy department of this hospital is well equipped. About 200 patients of various types ailments or Orthopaedic are treated daily in O.P.D., as well as in the wards of Rajawadi as well as at Sarvodya Hospital where beds have been reserved for pain relief, mobilisation & Rehabilitation.

TOTAL NO OF PATIENTS TREATED IN YEAR : 1992 :

Total No of Patients	69559
O.P.D. Patients	54085
Ward Patients	5474
Sarvodya Hospital	1387

Daily record of the patients is maintained according to their treatments.

15. EVENING OPD FOR MUNICIPAL EMPLOYEES :

This O. P. D. functions daily except Sunday between 6.30 P. M. to 8.00 P. M. for Municipal employees. Municipal employees take advantage of this facility daily.

16. FAMILY WELFARE CENTRE :

This O.P.D. functions daily except Sunday. Family Welfare activity at Rajawadi Hospital this year also was remarkable, as shown below :---

Vasectomies	--	2
Tubectomies	--	784
M.T.P.	--	387
Condoms	--	8780
Oral Pill	--	290
I.U.C.D.	--	446

The Medical Officer attended a workshop and Seminar during the year and presented paper.

The Medical Officer also attended a seminar on breast feeding presented by Dr. (Mrs.) Fernandes at Rajawadi Hospital.

14 Full Time Medical Officers from different Health Posts were given training in Cut insertion.

16(A) The School Clinic looks after children from the Schools of M. C. G. B. surrounding this Hospital.

The analysis of the boys and girls treated at this hospital clinic during the year 1992 is as follows :

New Patientw	4904
Old Patient	28763
Total Patient	33667

17. LEPROSY CLINIC :

Leprosy clinic functions once a week /i.e., on Thursday only between 2 PM and 4 PM people from the surrounding areas attended this clinic and avall of the treatment which is given by Dr. Manek from Alort India. The attendance at this hospital varies from 30 to a35.

18. RADIOLOGY DEPARTMENT :

This department is looked after by a Honorary Asstt., Medical Officer (Radiology) and Registrar. The work of the department is as under :--

No. of OPD patients	--	43681
No. of Indoor Patients	--	3523
School Clinic	--	907
M. M. R.	--	--
TOTAL	--	48111

19. SOCIAL SERVICES DEPARTMENT :

(1) Medical Aids community Development Officer helps the patients viz., Orthopaedic patients, Patients requiring X-ray, E.G.G., E.E.G. I.C.U. etc. in getting medical aid, cases are scrutinized as per their socio-economic background and help accordingly by sanctioning medicine through P. B. F., or from donated medicines, out of which 37 patients were helped by arranging donated medicines Patients who required investigations such as C. T. Scan, 2 D. E. CO. cardiogram also helped from social service department. 23 patients helped in getting financial help from social service Department. 23 patients were helped in getting financial help for C. T. Scan. One patients each helped for U. S. G. of eye and 2 D. E. C. O. cardiograms.

(2) 63 Orthopaedic patients were given appliances as per their requirements through Social Services Department. patients attending Diabetic Clinic were also helped. Ophthalmic cases were provided with spectacles, IOL lances free of charge.

(3) Students from Somaiyya college of Arts, commerce & Science and also from Smt. S. P. N. Doshi Women's College come in batches to help the poor and needy patients in the wards. C. D. O. (H) arranged orientation lectures for them. Various projects like Libray, Blood Donation campus were came out and recreational activities were conducted with the help of N. S. S. Volunteers for the benefit of patients.

20. LIBRARY :

The Library is subscribing 26 Medical Journals and having 1489 Medical books.

115 books will be available to Rajawadi Hospital from padmashree Dr. D. Y. Patil Medical College for the use of II/III M. B. B. S. students.

Year	Expenditure incurred on books	Expenditure incurred on journals	Total
1992-93	Expenditure not incurred on purchase of Medical Books.	Rs. 1,42,074.70	Rs. 1,42,074.70

MEDICO-LEGAL SECTION (CERTIFICATES & COURT MATERS).

1. Issue of Police certificates	...	2443
2. Doctors deputed to Metropolitan Court	...	87
3. Doctors deputed to Session Court	...	22
4. Motor Accident Tribunal Court	...	9

21. SARVODAYA HOSPITAL :

Rajawadi Hospital has reserved 70 beds at Sarvodya Hospital, Ghatkopar, Bombay : 77 for treating convalescent Orthopaedic patients. The Medical & Nursing staff of this of this hospital look after there patients alongwith the staff of Sarvodya Hospital.

APPENDIX No. 1

DISTRIBUTION OF BEDS ACCORDING TO DEPARTMENTS AND SEX WISE

Department	Male	Female	Children	Total
MEDICAL	35	35	—	70
SURGICAL	69	21	—	90
BURNS	—	12	—	12
GYNAECOLOGY	—	54	—	54
OBSTETRICS	—	121	—	121
PAEDIATRIC	—	—	76	76
OPHTHALMIC	20	13	—	33
E. N. T.	16	7	—	23
ORTHOPAEDIC	18	22	—	40
M. I. C. U.	7	4	—	11
PSYCHIATRIC	10	—	—	10
SKIN & V. D.	10	6	—	16
SIDE ROOM (Beds):				
Medical	6	—	—	6
Surgical	2	—	—	2
Obstetric	—	—	—	—
Gynaec	—	2	—	2
Orthopaedic	2	2	—	4
Total	195	299	76	570

Total Hospital Beds	570
Sarvedaya Beds	70
Bhandup Beds	30
Total	670

APPENDIX No. 2

No. OF NEDICO LEGAL CASES

Sex	Patients Attended Casualty Department	Patients Admitted Thourch Coasualty Department	Brought Dead In Casualty	Treated In Casualty and Sent Home
MALE	8881	2039	239	6603
FEMALE	4324	1143	47	3134
MALECHILD	2307	685	18	1604
FEMALECHILD	1913	559	9	1345
TOTAL	17425	4426	313	12686

APPENDIX No. 3

Statement showing the out Patients (New/Gasualty) attendance in Rajawadi Hospital during the year 1992 and classification according to the department Sex and wise (1992).

Department	O.P.D. New Cases					Casualty Cases				
	Male	Female	M/CH	F/CH	Total	Male	Female	Mch	F/ch	Total
MEDICAL	12480	12326	—	—	24806	11348	7879	—	—	19227
SURGICAL	4672	3455	2218	1538	11883	11889	5997	2829	2170	22879
OPHTHALMIC	1910	1792	670	499	4871	1294	706	354	213	2567
ORTHOPAEDIC	3320	2579	1478	1098	8475	3150	1418	817	533	5918
GYNAEC	—	6850	—	—	6850	—	4978	—	—	4978
DENTAL	2311	2301	1177	840	6629	788	497	287	200	1772
SKIN & V. D.	4188	3257	2478	1842	11765	1417	688	425	331	2861
E. N. T.	1643	1624	978	715	4960	1332	729	389	266	2716
PSYCHIATRIC	621	413	35	23	1092	12	12	5	3	32
PAEDIATRIC	—	—	9180	7701	16881	—	—	5338	4480	9818
MATERNITY	—	6094	—	—	6094	—	—	—	—	—
ANTIRABIC	—	—	—	—	—	829	443	399	203	1874
T. B.	109	49	—	—	158	—	—	—	—	—
B. M. E.	—	—	—	—	—	661	363	207	134	1365
TRIPLE POLIO	—	—	7601	6897	14498	—	—	—	—	—
B. C. G.	—	—	2343	2179	4522	—	—	—	—	—
SURVEDIC	164	198	7	2	371	—	—	—	—	—
HOMEOPATHIC	110	153	9	10	282	—	—	—	—	—
TOTAL	31528	41091	28174	23344	124137	32720	23710	11044	8533	76007

APPENDIX No. 4

Summary of inpatients classified according to Departments and Sexwise.

Department	In the Hospital on the Midnight 31-12-1991	Admitted During the Year 31-12-1992	Total	Discharged		Death	Remaining in the Hospital on the Midnight 31-12-92
				Cured-	Other-Wise		
1	2	3	4	5	6	7	8
MEDICAL							
Male	25	3682	3707	2895	480	298	34
Female	24	2217	2241	1481	600	142	18
Total	49	5899	5948	4376	1080	440	52
SURGICAL							
Male	22	3129	3151	2290	700	121	40
Female	3	1489	1422	1129	300	48	15
Mch	—	277	277	256	16	1	4
F/ch	2	146	148	126	18	2	2
Total	27	5041	5068	3801	1034	172	61

APPENDIX No. 4

Summary of inpatients classified according to Departments and Sexwise.

Department	In the Hospital on the Midnight 31-12-1991	Admitted During the Year 31-12-1992	Total	Discharged Cured- Other-Wise		Death	Remaining in the Hospital on the Midnight 31-12-92
1	2	3	4	5	6	7	8
OPHTHALMIC							
Male	—	509	509	452	47	2	8
Female	—	473	473	400	66	1	6
M/ch	—	12	12	10	1	—	1
F/ch	—	20	20	16	2	—	2
Total	—	1014	1014	878	116	3	17
GYNAEC	8	1111	1119	1090	—	3	26
Total	8	1111	1119	1090	—	3	26
SKIN & V. D.							
Male	1	164	165	153	5	—	7
Female	1	52	53	50	—	1	2
M/ch	—	3	3	3	—	—	—
F/ch	—	—	—	—	—	—	—
Total	2	219	221	206	5	1	9
BURN							
Male	7	184	191	96	—	91	4
Female	7	390	397	115	—	280	2
M/ch	1	28	29	24	—	4	1
F/ch	1	24	25	20	—	5	—
Total	16	626	642	255	—	380	7
M.I.C.U							
Male	—	331	331	90	83	153	5
Female	4	140	144	60	33	51	—
M/ch	—	—	—	—	—	—	—
F/ch	—	—	—	—	—	—	—
Total	4	471	475	150	116	204	5
I.C.C.U							
Male	2	258	260	—	221	37	2
Female	1	82	83	—	69	12	2
M/ch	—	—	—	—	—	—	—
M/ch	—	—	—	—	—	—	—
Total	3	340	343	—	290	49	4
Maternity	45	8004	8049	7962	—	18	69
Total	45	8004	8049	7962	—	18	69

APPENDIX No. 4

Summary of inpatients classified according to Departments and Sexwise.

Department	In the Hospital on the Midnight 31-12-1991	Admitted During the Year 31-12-1992	Total	Discharged Cured-	Other-Wise	Death	Remaining in the Hospital on the Midnight 31-12-92
1	2	3	4	5	6	7	8
PAEDIATRIC							
M/ch	8	1939	1947	1700	109	122	16
F/ch	6	1493	1499	1195	169	125	11
Total	14	3432	3446	2894	278	247	27
PSYCHIATRIC							
Male	—	111	111	100	7	—	4
Female	—	51	51	40	5	2	4
Total	—	162	162	140	12	2	8
ORTHOPAEDIC							
Male	31	1027	1058	881	109	35	33
Female	9	551	560	490	43	14	13
M/ch	4	118	122	100	18	—	4
F/ch	1	76	77	70	6	—	1
Total	45	1772	1817	1541	176	49	51
E.N.T.							
Male	3	422	425	390	22	3	10
Female	1	362	363	300	58	1	4
M/ch	—	76	76	60	16	—	—
F/ch	—	98	98	90	6	—	2
Total	4	958	962	840	102	4	16
Grand Total	217	29045	29266	24133	3209	1572	352

APPENDIX NO. 5

PATHOLOGY

BIOCHEMISTRY DEPARTMENT

1) Blood Glucose	21061	13) Serum amylase	530
2) Blood Urea Nitrogen	12236	14) Serum Calcium	542
3) Serum Creatinine	10145	15) Serum alkaline Phosphate	663
4) Serum Uric Acid	591	16) Prothrombin time	353
5) Serum Cholesterol	2092	17) Prothrombin Index	353
6) Serum HDL Cholesterol	596	18) Serum electrolyte Na	5633
7) Serum Total Protein	8026	19) Serum Electrolyte	5633
8) Serum Albumin	8028	20) Gastric Analysis	---
9) Serum Total Bilirubin	7522	21) Glycosylated Haemoglobin	08
10) Serum Direct Bilirubin	7496	22) Triglycerides	586
11) SGOT	7383	23) LDH	125
12) SGPT	7106	24) CPK	51
TOTAL :			106406

HISTOPATHOLOGY

1) Total No of Specimen received	2507
2) Specimens received from other Municipal Hospital.	200
3) Total Nos. of Blocks prepared	5529
4) Special staining	139
5) Slide for H & E staining	6649

HEMATOLOGY :

HB	14167	RBC	478
TC	14167	PLATELET	589
DC	14167	RETIC	480
ESR	10152	OF	2
PCV	628	SICKLE	8
CHG	478	LE	44
		BM	12

BLOOD BANK

Total No of samples for blood group	13141
Indoor	4668
O. P. D.	6650
Voluntary Donor	1399
Replacement Donor	409
No. of Bottles X-match	3374
No of samples Antibo. Rh (D) Titre	64
No. of samples for coomb's direct	8
Indirect	--
No of Samples for DU	499
No. of samples for at special antibody	4367

BACTERIOLOGY AND SEROLOGY :

Gram stain	1743	Senereal Fluid Culture	--
AFB stain	436	Wound Swab	21
Albert stain	148	Umbilical Swab	4
Clot culture	---	Ulcer Swabs	---
Blood culture	58	Bronchial aspiration	---
Pus culture	384	Nasal Swab	2
Urine culture	673	Pharyngeal Swab	---
Sputum Culture	49	Miscellaneous	51
CSF culture	43	O.T. sterility (Swabs)	283
Stool culture	63	Blood VDRL OPD + Indoor	10905
Thorat Swab	98	Blood Bank VDRL	2346
Eye Swab	57	R. A. Test	634
Anti biotic Sensitivity test	736	Pregnancy Test	559
Urethral Smear	---		
Biochemical test	736		
Pleural Fluid Culture	49		
Peritoneal Fluid Culture other	12		
Ascitic Fluid Culture	22		
Ascitic Fluid	22		
Viginal Swab Culture.	5		

APPENDIX NO. 6

No of Audiograms done for the year	511
Total No. of speech Therapy cases	65

TYPE OF SPEECH CASES :

1. Voice disorders	18
2. Hard of Hearing	4
3. Mental Retardation	2
4. Dyslatia	7
5. Laryangection	1
6. Cerebral Palsy	2
7. Stammering	10
8. Dysarthia	2
9. Delayed Speech & Language	6
10. Aphasia	1

6375

ELECTRO CARDIOGRAM SECTION :

1. Indoor patients	2386
2. OPD patients	<u>3989</u>
	6375

PHARMACY SECTION (1992)

1. Quantity of stock Solution preparation	89600	Ltrs.
2. No of packets of tablets made	703850	Pkts.
3. No of Packets of powder prepared	3440	Pkts.
4. No of OPD prescription account kept	26545	
5. Special prescription attended	Nil	
6. Prescription where special drug is issued and account is kept.	Nil	
7. Syrup simplex	Nil	
8. Stock mixture prepared	Nil	
9. Ointment prepared	5609	
10. Lotion prepared	6360	Ltrs.

APPENDIX No. 7**DEPARTMENT WISE OPERATIVE WORK DURING THE YEAR 1992**

DEPARTMENT	MAJOR	MINOR	TOTAL
SURGICAL	714	961	1675
GYNAEC	889	956	1875
ORTHOPAEDIC	602	4082	4684
E. N. T.	277	366	643
OPHTHALMIC	779	245	1024
MINOR O. T.	—	3059	3059
E. C. T.	—	505	505
TOTAL	3261	10174	13435

K. B. BHABHA HOSPITAL, BANDRA.

ADMINISTRATION REPORT FOR THE YEAR 1992.

This Hospital continued to render Medical Relief Services to the sick & needy people in this vicinity of 'H' Ward area. Dr. (Smt.) P. S. Paralkar, M.D.D.G.O. held the post of Medical Superintendent during the Year 1992. The report of the Year of 1992 is as follows :--

HIGHLIGHT

I. Expenditure			
1. On In patients	:	Rs.	95,87,733
2. On Out-Patients	:	Rs.	90,61,357
Average Cost Per Patients			
1. On In-Patients	:		181.91
2. On Out-Patients	:		26.76
II. Result Inpatients			
1. Scheduled Bed Stgrength	:		484
2. Daily Average of In patients	:		371
3. Admissions including those brought over previous Year	:		21,903
4. Discharges as :			
a) Relieved	:		115
b) As cured	:		20,070
c) Transferred Otherwise	:		671
d) Remaining in the Hospital on the last day of the Year.	:		356
e) Daily No. Average No. of admissions	:		69
f) Average stay of In-patients	:		7 days
III. Out-Patients			
1. New Out-Patients attendance	:		2,58,573
2. Total Out-Patients attendance	:		7,63,017
3. Daily average of out-patients	:		3,629
4. No. of casualty attendance	:		65,190
IV. Operations			
1. Major Operations	:		4,791
2. Minor Operations (Including M. O. T., O. P. D. & Casualty)	:		26,923
V. Confinements			
1. Booked cases	:		5,183
2. Emergency cases	:		526
3. Normal cases	:		4,039
4. Abnormal cases	:		557
5. Left-before delivery	:		84
VI. Neo-NATAL & Maternal Deaths			
1. Maternal Deaths	:		nil
2. Neonatal Deaths	:		nil
3. Still births	:		84
4. Premature live born births	:		150
VII. Specialised Treatment			
1. Sterilization Male	:		1
2. Sterilization Female	:		562
3. I.U.C.D. insertion	:		295
4. M.T.P.	:		507
VIII. E.C.G. taken for Diagnosis of patients suffering from chest heart diseases			
	:		4,355

IMMUNIZATION WORK DURING THE YEAR - 1992 IS AS FOLLOWS :

Immunization	1st dose	2nd dose	3rd dose	4th dose	5th dose	Booster
1. Triple vaccination	1,412	1,217	948	--	--	679
2. Polio Vaccination	2,482	1,738	1,111	--	--	772
3. Tetanus Toxide	487	3,269	--	--	--	--

O.P.D. T.T.	:	20,126
New Born Baby Given B.C.G.	:	4,610
O.P.D. under 1 to 14 yrs. child given B.C.G.	:	1,733
Anti-cholera	:	1,844
T. A. B.	:	1,563
Domicillary visits by Health Visitors (Excluding Family Planning Visits) Well Baby Clinic (Supply Milk etc.)	:	---
Attendance of Patients :		
O.P.D. Total Attendance	:	7,53,496
Casualty Total Attendance	:	56,237
Total Admission	:	21,668
New Born Babies	:	4,836
Male	:	2,540
Female	:	2,296
Municipal Staff Dispensary		
New Cases	:	4,965
Old Cases	:	6,123
Total Cases	:	11,088
A. R. V. Cases Treated During The Year 1992		
New Cases	:	4,063
Total Cases	:	22,531

Medico Legal Works -- 1992

Average No. of cases Registered Per day	Accident	Homicide	Suicide	Other	Total
	11,183	1,165	493	2,406	15,247

PATHOLOGY

The Pathology Report for the Year 1992 is as follows :

1. Blood Routine	:	35,120
2. E.S.R.	:	10,153
3. Urine Rt	:	20,156
4. B.T. & C.T.	:	1,429
5. V. D. R. L.	:	20,165
6. Blood grouping	:	13,260
7. Rh. O. D.	:	13,260
8. Blood Sugar	:	6,250
9. Sr. Billirubin	:	544
10. Sr. Cholesterol	:	1,266
11. Cholesterol	:	1,266
12. Peripheral smear	:	756
13. Semen	:	743
14. Sputum A. F. B.	:	620
15. A.N.C. Kub	:	6,453
16. Histopathology	:	2,061

FOOD HANDLING SCHEME :

This Hospital conducts Food Handling Programme to check Hotel & canteen Workers.

No. of patients attends Food Handling Scheme department during the Year-1992.	:	2,665
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Municipal Medical Examination :

No. of Patients attend Municipal Medical Examination during the year 1992.

1) Male Medical Examination (New)	:	2,170
2) Male Medical Examination (Old)	:	13,003
3) Female Medical Examination (New)	:	663
4) Female Medical Examination (Old)	:	4,454
5) Total No. of Municipal Medical	:	20,290

PHYSICAL & OCCUPATIONAL THERAPY :

1) Indoor patients	:	21,668
2) Outdoor patients	:	7,58,496
3) Total	:	7,80,164

AUDIO & SPEECH THERAPY :

Out Patients	:	2,228
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Family Planning Clinics :

1) No. of persons contained for F. P. Education	:	1,050
2) No. of persons given advice	:	6,440
3) No. of active cases following F. P. advice	:	2,050
4) Clinical attendance	:	27,930
5) No. of person	:	563
6) Vasectomy	:	1

7) Tobectomy	:	562
8) No. of patients supplied packs of Nirodh	:	66,467
9) No. of patients supplied contraceptive pills	:	2,060
10) No. of cases M. T. P. done during the year	:	507
11) No. of cases supplied Loops	:	437

T. B. CLINIC :

Due to shortage of accomadation, T. B. cases were treated in the hospital in general O. P. D. Medical Unit. The persons whose diagnosis was confirmed were refered to nerby Municipal Dispensaries for further treatment. Strepromysin injections were given to patients attending this hospital.

Total No. of patients treated during the year -- 1992	:	16,954
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PAYING BEDS :

The scheme of paying beds have been introduced with effect from 7th November 1992. This hospital have two seprate paying wards for Male & Female and patients are taking advantage of the same.

Medical Superintendent
K. B. Bhabha Hospital, Bandra.

**DR. R. N. COOPER MUNICIPAL GENERAL HOSPITAL. JUHU
ANNUAL – REPORT
1992-93**

**LEAVE PERIOD OF HEAD OF THE DEPARTMENT
APRIL 1992 to MARCH 1993**

Sr. No.	Designation	Name of the Officer	Qualification	Period
1.	Medical Superintendent	Dr. D.S.K. Pershad	M.B.B.S. D.G.O.	20-1-1992–1-2-1992 15-6-92–27-6-1992 7-10-1992–7-11-1992
2.	Dept. of Medicine	Dr. R. D. Dame	M.D.M.R. C.P.I.C. F.R.C.P.	On leave from 3-3-1992
3.	Dept. of General Surgery	Dr. D. K. Dastur	M.S.	3-3-1992–31-3-1992 11-8-1992–29-8-1992 15-12-1992–31-12-1992
4.	Dept. of Gynaec. Hon. Obst. & Gynaecologist.	Dr. S. H. Shah	M.D.D.G.O. D.F.T.S. F. C. P. S.	16-4-1992–27-4-1992 12-10-1992–30-10-1992
5.	Dept. of Orthopaedics Hon. Surgeon (Ortho.)	Dr. R. N. Katre	M.S.	14-2-1992–16-4-1992
6.	Dept. of Paediatrics Hon. Surgeon (Paed.)	Dr. G. S. Hathi	M.D.	16-11-1992–31-11-1992
7.	Dept. of Ophthalmic Hon. Surgeon (Ophth.)	Dr. V. H. Gandhi	D. O. M. S. M.S.P.O. E.R.C.S.	1-11-1992–31-12-1992
8.	Dept. of E.N.T.	Dr. S. P. Wagh	M.B.B.S.	2-5-1992–14-6-1992
9.	Dept. of Skin	Dr. D. P. Deshpande	F.C.A.I. D.T.M.H. M.D.D.P.H.	11-8-1992–20-8-1992 27-10-1992–5-11-1992 25-11-1992–24-12-1992
10.	Dept. of Psychiatric	Dr. N. S. Vahia	M.D.F.R.C.S.	–
11.	Dept. of Psychiatric	Dr. V. N. Vahia	M.D.D.P.M.	23-11-1992–22-12-1992

HOSPITAL

HIGHLIGHTS :

1) Expenditure :	1) On Inpatients : 2,85,54,560	
	2) On Out-patients : 2,05,53,310	
	3) Total Expenditure excluding New works : 4 cror 91 lacs.	
2) a) Cost per Inpt. day	...	176.06
b) Cost per Outpt. per day	...	15.41
3) a) Scheduled Bed strength	...	520
b) Daily average In-pt. in the ward	...	428
c) Total No of Admission including these brought over from the previous year.	...	26,703
d) Daily average No. of Admission	...	75
e) Total No. of patients discharged	...	24,632
i) Left against medical advice	...	906
ii) Remained in the hospital on the last day.	...	395
iii) Expired including Neonatal	...	1,854
iv) Average stay of Inpatient	...	7 days
B) 1. Total No. of New Out-patients attended	...	1,80,443
2. Daily average No. of Out-patients (New)	...	592
3. Total No. of Out-patients (New & Old)	...	5,41,329
4. Daily average No. of Out-patient Attendance	...	1,775
5. Total No. of Casualty Attendance	...	43,812
6. Casualty Attendance Medicolegal	...	21,407
7. Daily average Casualty Attendance		
Medicolegal	...	59
Non Medicolegal	...	120
C) 1. Total No. of Operations In-patients	...10336+1013=	11,349
2. Total No. of Operations Out-patients	...	22,120
CONFINEMENTS : 1) Booked cases	...	1,503
2) Emergency cases	...	1,207
3) Normal	...	1,699
4) Abnormal	...	1095
5) Neonatal and Maternal Deaths		
i) Maternal Deaths	...	32
ii) Neonatal Deaths	...	20
iii) Still Births	...	158
iv) Premature infants	...	134
v) Sterilization : 1) Male	...	6
2) Female	...	484

1,699	}	2794
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RADIOLOGY :

1. Total No. of patients investigated	...	63,226
2. Total No. of X-rays taken	...	84,958

BLOOD BANK :

1. Grouping of O. P. D. patients	...	5,360
2. Grouping of voluntary donors	...	1,765
3. Grouping and cross matching of Indoor patients.	...	18,770
4. Collection of blood by camps	...	1,503
5. Replacement of donors	...	3,482
6. Supply of blood bags to wards	...	3,584
7. Antibody Titre	...	84
8. Comb's serum test	...	1,042
9. A.N.C. Grouping	...	2,364
10. Serum Grouping	...	5,094
11. Australia Antigen (Hss Ag.)	...	5,620
12. HIV Tests	...	70 (done at KEM Hosp. Dept. of Microbiology)

PSYSEHIOTHERAPY AND OCCUPATIONAL THERAPY :

1. Total No. of attendance at the centre.		
i) Total No. of Out-patients	...	36,563
ii) Total No. of In-patients	...	17,639

Revenue of Rs. 7,43,0007 was collected during the year from the In-patients and Out-patients attending the Hospital for diagnosis & treatment and from Disposal of Scrapped materials.

Total Income from Ambulance and Hearse	...	23,277/-
Medical Officers attended the court calls	...	306

During the year approximately 840 depositions were filled by Coroner's Court.

MEDICO SOCIAL SERVICE DEPARTMENT :

The social service department was started on 2-10-1972 for attending needy patients.

Activities performed during the year 1992.

	Cases
1. Economic assessment of patients	412
2. Sanctioning of investigation	
a) X-rays b) Anti 'D' Injections	2405
c) U.S.G. d) CTscan e) OGD Scopy	
3. Arranging for discharge of pts. & rehabilitation, arranging for counselling	119
4. Adoption of new born babies	12

GYNAECOLOGY AND OBST. DEPARTMENT :

1.Total No. of O.P.D. Attendance (New)	...	16,619
2.Total No. of Admission	...	5,924

Undergraduates from G.S.M. College are attending the department for training. Post graduate seminars and discussion are being held periodically.

FAMILY WELFARE DEPARTMENT :

The Family Welfare Department has been started at this hospital in April 1969, with a regular centre, dispensing family planning aids from 9.00 a.m. to 4 p.m. on all O.P.D. working days.

1. Distribution of condome	...	50,550
2. Oral Contraceptive	...	519
3. I.U.C.D.	...	496
4. Tubectomy : This included pureperal sterilization and both Abdominal & vaginal.	...	484
5. Vasectomy	...	6
6. Medical Termination of Pregnancy	...	471

IMMUNIZATION CENTRE :

POLIO : 1st dose	...	2352
2nd dose	...	1337
3rd dose	...	1118
4th dose	...	551
Booster	...	858
Total :	...	<u>6216</u>

TRIPLE : 1st dose	...	1751
2nd dose	...	1123
3rd dose	...	1056
Booster dose	...	842
Total :	...	<u>4772</u>

TETANUS : 1st dose	...	6045
2nd dose	...	1101
3rd dose	...	696
Total :	...	<u>7842</u>

MEASLES	...	678	T.A.B.C.	...	235
CHOLERA	...	235	D.T.	...	294
B.C.G. O.P.D.	...	2184	O.T.	...	7983
Ward	...	1706	MMR	...	1
		<u>3890</u>			

Antirabic Treatment	...	16,185
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PEDIATRIC DEPARTMENT :

Indoor Services	...	Bed strength	...	60 Beds
		Admissions	...	2832
		New O.P.D.	...	28,515
		Blood Transfusion	...	27

PREMATURE WARD :	Admission	...	166
	Deaths	...	134

In addition, this year 130 Neonater transferred from other hospitals were admitted in the premature Unit.

NUTRITION CLINICS :

A Nutrion clinic attached to Paediatric O.P.D. has done the following work in the year 1992.

Total Nutrion clinic days	...	298
Total cases	...	28,515
Feeding advice given	...	707

DEPARTMENT OF MEDICINE :

i) The Medical Department consists of two units.

ii) A Diabetic clinic and a Gastroentrolgy clinic :

O.P.D. Total Attendance	...	1,260
-------------------------	-----	-------

iii) Cardiology Out-patients clinic : is conducted on every Saturday to look after patients discharged from cononary care unit.

Heart disease patients were treated in the Medical Ward and 7647 E.C.G.s were taken during the year.

I.C.C.U. Unit.	...	Admission	--	525
T.B. CLINIC : New cases	...	2,369	}	23,020.
Old cases	...	20,651		

DEPARTMENT OF GENERAL SURGERY :

Department of surgery consists of two surgical units. The no. of schedule beds allotted to the surgical is 60. Besides it has 10 beds surgical intensive care unit and 10 beded Burns ward. It has also Emergency, Trauma unit.

NEUROSURGERY O. P. D. :

Neurosurgical O. P. D., is conducted regularly.

Total No. of cases attended is 648.

G. I. ENDOSCOPY :

This department conducted regular O.P.D. and follow up of patients. 2,763 New cases and 13,655 follow up cases were attended.

DEPARTMENT OF PSYCHOLOGICAL MEDICINE :

This department conducted regular O.P.D. and follow up of patients. 2,763 New cases and 13,655 follow up cases were attendsed.

DEPARTMENT OF ORTHOPAEDICS :

The work done in this department during the year under report.

Outdoor Attendance	...	12,155
Indoor Admissions	...	1,866
No. of Operations	...	968 (Ortho.O.T. + 7520 (Tr. O.T.= 8488).

DEPARTMENT OF AUDIOLOGY AND SPEECH THERAPY :

The following is the account of work done during the year under report.

Audiograms	...	430
Speech Cases	...	156
Total :		<u>1,585</u>

DEPARTMENT OF OPHTHALMOLOGY :

The work done during the year 1992 is there as under :

O.P.D. Attendance	...	6,376
Indoor Admissions	...	915
Operations	...	1,176

LOKNATH B CHAR EYE BANK :

Total Number of Enucleations	...	100
------------------------------	-----	-----

Method of use of eye balls :

1. Keratoplasties	...	29
2. Disposed	...	3
3. Request and supplied to other institutions and Doctors.		
a) J. J. Hospital	...	51
b) K.E.M. Hospital	...	2
c) Bandra Hospital	...	2
d) Research	...	4
e) Dr. Athnikar	...	1
		<u>60</u>

DEPARTMENT OF SKIN AND VENEROLOGY :

During the year under report 9130 New cases were treated at Out-patients department and 9 were admitted as In-patient. The following investigations were carried out in the Laboratory.

Skin Biopsy	...	103
Veneral Disease	...	26,423

Hansen's Clinic : Hansen's clinic functions on every Tuesday. During the year under report total cases were treated in Out-patient department 2,775

STD CLINIC : STD Clinic has carried out the following investigations.

HIV Investigations :

Patients tested	...	325
Negative	...	261
Positive	...	36
Await	...	12
Repeat	...	16

DENTAL CLINIC :

The following is the account of the work done in the department during the year 1992.

DEPARTMENT OF SKIN AND VENEROLOGY :

During the year under report 10156 New cases were treated at Out-patients department and 33 were admitted as In-patient.

The following investigations were carried out in the Laboratory.

Skin Biopsy	...	269
Veneral Disease	...	22,901

Hansen's Clinic : Hansen's clinic functions on every Tuesday. During the year under report total cases were treated in Out-patient department ... 2,392

STD CLINIC : STD Clinic has carried out the following investigations.

HIV Investigations :

Patients tested	...	602
Negative	...	440
Positive	...	66
Await	...	8
Repeat	...	94

DENTAL CLINIC :

The following is the account of the work done in the department during the year 1994

Total No. of patient examined	General OPD	School clinic
1. No. of Medications	6,900	460
2. No. of dental extraction	2,725	368
3. No. of scaling teeth	--	194
4. No. of x-rays recorded	291	27
5. No. of filing cement	--	--

HOMEOPATHIC AND AYURVEDIC OPD :

Homeopathic and Ayurvedic O.P.D. is regularly conducted. During the year 681 cases were attended.

DEPARTMENT OF SCHOOL CLINIC :

A School clinic is functioning in Paediatric, Ophthalmic, Aural and dental departments were examination of school children from suburb Municipal school between Bandra and Borivali is done.

The work done is as under :--

Total No. of school children treated :

i) New	...	3,807
ii) Repeat	...	9,767
iii) Referred	...	13,574

Total No. of patient examined	General OPD	School clinic
1. No. of Medications	9,327	705
2. No. of dental extraction	1,694	263
3. No. of scaling teeth	17	237
4. No. of x-rays recorded	253	22
5. No. of filing cement	17	163

HOMEOPATHIC AND AYURVEDIC OPD :

Homeopathic and Ayurvedic O.P.D. is regularly conducted. During the year 718 cases were attended.

DEPARTMENT OF SCHOOL CLINIC :

A School clinic is functioning in Paediatric, Ophthalmic, Aural and dental departments were examination of school children from suburb Municipal school between Bandra and Borivali is done.

The work done is as under :--

Total No. of school children treated :

i) New	...	4,117
ii) Repeat	...	12,122
iii) Referred	...	16,239

DEPARTMENT OF PATHOLOGY :

Following investigation were done in the Pathology department.

INVESTIGATIONS	TOTAL No.
Biochemistry	2,28,850
Vein Puncture	21,990
Serology	16,855
Haematology	27,251
Puncture Fluid	1,380
Histopathology	2,704
Special Stain	92
Cytology : F.N.A.C.	832
Pap Smerars	686
Fluids	97

Microbiology :

i) A.F.B. Semears	9,417
ii) Cultures & Sensitivity	16,456
iii) Anaerobic cultures	448
O.P.D. Laboratory No. 10 Blood	1,21,046
Urine	16,945
Stool	3,266
vein Puncture	19,833
Semens	380
School Clinic	2,512

NURSING SCHOOL REPORT :

Our School of Nursing admits for nursing care. Our school has adopted two areas ne:by hospital i.e., Ruia Park & juhu Khadda and Third year student Nurses carried out survey, in adopted areas.

After survey in Camps, Exhibition were organised in above area to aware the mass in immunization and general health care.

The student Nurses bagged 15 prizes in the Exhibition organised at State level & 2 prizes at National level.

Students Nurses participated in WHO Day, Annual Day of the Hospital and participated in sports at various level. They also celebrated National, International day and participated in continuing In-service Education Programme for Class IV Staff. They played pirot and excellent role during riots in Bombay and they were awarded by Lions Club.

Expenditure Out of Poor Box Charity Fund :

Besides the Expenditure incurred from Municipal Funds, sum of Rs. 14,16,733 was spent out of Poor Box Charity Fund in the year 1992-93 as against Rs. 10,41,790 in the previous year. The amount was mostly spent on x-ray plates, C. T. Scan, Costly drugs, Blood Transfusion & Blood Products for needy patients, Provision of crutches spectacles etc., for needy and poor and deserving patients of the hospital was also made.

RECOGNITION OF DR. R. N. COOPER HOSPITAL. JUHU FOR TEACHING OF UNDERGRADUATE STUDENT OF SETH G. S. MEDICAL COLLEGE :**Training of Medical Students of G. S. Medical College :-**

This Hospital is recognized to impart training to undergraduate students of G. S. Medical College since 1979 and still continues,

LIBRARY DEPARTMENT :

There are 3410 books in the Library in addition to 91 current periodicals. There are also 552 monographs i.e., clinics - W.H.O. publications available in the Library. The total annual expenditure for Library was Rs. 3.90 lacs.

ANAESTHESIA DEPARTMENT :

The posts like House Officers, Registrars and such other Medical posts in various departments are recognised by the University of Mumbai.

SHRI M.B.M.G. HOSPITAL, BORIVALI, BOMBAY -- 103.

Admisitrative Report 1992-93.

The late Shri Marilal Bhagawati donated a piece of land to the Municipal Corporation in the year 1962, for construction of the hospital, as to provide Medical facility to the people staying in the Northern end of the city.

The hospital started with 50 beds with only two wards over the years, not only the number of beds was increased but medical services were also added. Today the hospital has following departments, Orthopaedica, Ophthalmic, E.N.T., Skin & V. D. Radiology, Pathology, School Clinic, T. B. Clinic, Leprosy Clinic, Cancer detection centre, with Blood Bank facility, round the clock, Post parten centre made IPPV has been started which include full time M.O. & Paediatrics A.M.O.

The services include casualty day and night Anti-Rabic treatment Immunization against Measles, Triple-Polie Audiology, Occupational Therapy, Speech Therapy, Family Welfare centre, Dental Clinic, OPD facilities are given homiopathy and Ayurvedi O.P.D.

School of Nursing was commissioned in the year 1981 with free accomodation and Lodging we take a batch of 20 student every year, Midwifery training course was started in the year 1-2-1989 wherein 20 students are undergoing training. In all ten apprentice students Nurses are trained for the community oriented medical services unlike post student who were hospital and trained for curative services.

FACILITIES :

1) Library facility for the use of doctors and post graduate student is available. Total Books are 515 approx.

2) The blood which donated by Lion Club of Borivali (W) Commissioner from 24th 1979, Rendering the facility round the clock and is being up dated and it has F.D.A. liceance which was clock and is being up dated and it has F.D.A. liceance which was procured in the year 12 March 1990, Every donor blood is tested for Div.

3) Centre Oxygen and Succession facility for Operation theatre, and the wards exists.

4) This hospital has L. P. Gas tank yard for which liceance is Procured from October 1990.

5) D. G. Set facility is made available during Electricity failure from September 1990.

6) There are three buildings containing 40 Blocks for residential purpose where in R.M.O.'s and Para-Medical staff are housed.

B) -- Hospital has Mortury Department to keep Twelve nedies.

Sig./-
Medical Superintendent,
Shri MBMG. Hospital,
Borivali, (W) Bombay-103.

SHRI M.B.M.G. HOSPITAL, BORIVALI, BOMBAY -- 103.

IMPORTANT INFORMATION AND STATISTICS.

1) Expenditure on In-Patients.	:	Rs.	3,10,800.00
On Out-patients.	:	Rs.	1,55,13,900.00
TOTAL	:	<u>Rs.</u>	<u>4,65,41,700.00</u>
2) Average Cost :-			
a) On-Inpatients per day	:	Rs.	2359.02
b) On Out patients per day	:	Rs.	41.37
3) a) Scheduled Bed Strength	:		375
b) Daily average In-patients	:		237.77
c) Admission Including those brought over from previous year.	:		17772
4) No. of patients Discharged.			
a) As cured	:		16325
b) Otherwise	:		583
c) Expired	:		1144
d) Remained in the hospital on the last day of as on 31-12-1993.	:		245
e) Daily average No. of Admission	:		48.69
f) Average stay of In-patients in days.	:		5 days.
g) Nighest No. of In-patients in ward on a single day.	:		290
5) Out Patients :			
a) New Out-patients attendance	:		102517
b) Old Out patients attendance	:		259283
TOTAL	:		<u>361800</u>
c) Daily average No. of New out patients.	:		280.86
Old out patients.	:		710.36
TOTAL	:		<u>991.22</u>
e) No. of Casualty attendance on a sigle day.	:		130.09
f) Total No. of operations	:		16041
6) Contfinements :			
a) Total No. of Delivery	:		2118
7) Neo-Natal Cases and Ante-Natal Cases	:		
a) Maternal death	:		2
b) Neonatal death	:		3
c) Still-Birth	:		125
d) Premature live born Infants	:		230
8) Specialised Treatment :			
a) Sterilization Male	:		5
b) Sterilization Female	:		320
c) I.U.C.D. Inserted	:		249
d) Niredh.	:		6000

9)	Diseasewise Break-up of cases	:		
	Treated and deaths.			
	a) S.T.D. Cases	:	141	-Death Nil
	b) Aids Cases	:	--	--
	c) Food poisoning	:	137	--
	d) Tuberculosis	:	205	34
10)	BLOOD - BANK :			
	a) Total No. of Blood Bottles collected.	:	2017	
11)	Medical record Deptt.			
	a) Total cases attended by doctors in court	:	74	
	b) Total Medical Certificates issued to patients.	:	2215	
	c) Medico-Legal Cases	:	15315	
	d) Medical Certificated issued to various police station.	:	1303	
12)	Ambulance Services :--			
	a) Total No. of call attended	:	508	
	b) Amount Collected by Ambulance	:	Rs. 510	
	c) Total No. of free calls attended	:	488	
13)	Nearse Services :--			
	a) Total No. of calls attended.	:	593	
	2) Amount collected	:	Rs. 27133	
	3) Total No. of free calls attended	:	6	
14)	Social Service :--			
	a) Medical Aid from Voluntary donors.	:	340	
	b) Medical Aid from poor Box charity fund.	:	45	
	c) Orthopaedic Appliance from voluntary donors.	:	110	
	e) Dark Glass from voluntary donors.	:	6	
	f) Old cloth given to disch. patients.	:	5	
	g) Conveyance allowance given to disch. patients.	:	27	
	h) Councillor given to suicide attempt patients.	:	33	
	i) Guidance given to parents to Mentally retarded children	:	37	
	j) Councelling and guidance given to alooholi patients.	:	37	
	k) Placement of distitute patients	:	6	
15)	Pathology Deptt.			
	a) Clinical pathology Investigations	:	133671	
	b) Bio-Chemical Investigations.	:	75943	
	c) Microbioligy Investigations.	:	24765	
	d) Mistopathology Investigations.	:	8520	
16)	Poor-Box. Fund.			
	a) Total Collection.	:	Rs. 493004/-	
17)	Family Welfare Centre :--			
	a) Vasectomy Operation Performed	:	5	
	b) Sterilization operation performed	:	317	
	c) Cooper 'T' Inserted	:	250	
	d) Total No. of Oral pills given to patients.	:	258	
	e) Total No. of condoms to pt's.	:	5980	
	f) Total No. of M.T.P. cases done during the year 1992	:	231	
18)	Library :--			
	a) Total No. of Books.	:	515	

19) **Special facility for Municipal Employee.**

a) Separate counter have been kept reserved at the Reg. Deptt. & Dispensary Counters for the Mun. Staff.

20) **INTERNS :-**

Graduates from Nair Hospital are allowed to undergo internship training at this hospital.

330

Total No. of cases treated during the year, departmentwise.

DEPARTMENT.		No. of cases
1) Electrocardiography	:	2850
2) O.T.P.T.	:	New 2015
		Old 915
		TOTAL : 2930
3) Radiology cases	:	30160
X-Ray Plate	:	40321
MMR X-Ray	:	6415
4) Anti-Rabic	:	14971
5) School-Clinic	:	5781
6) Psychiatric Deptt.	:	2991
7) Anesthesia Deptt.	:	15931
8) Dental Deptt.	:	4933
9) Audiology Deptt.	:	1209
10) Dispensary (Inpatients)	:	16325
Outpatients	:	34188
11) Immunization Deptt.	:	14330
12) Leprosy Clinic	:	217
13) T.B. Clinic	:	3600
14) Nealth Post	:	1350
15) Cancer Deptt.	:	11
16) Neurosugary Deptt.	:	230
17) Nomiopathy Deptt.	:	846
18) Ayurvedic Deptt.	:	733

ENGINEERING DEPARTMENT

High Lights

(Rs. in crores)

I—A Expenditure

Expenditure incurred

1) On execution on Loan work	26.77
2) On execution on Revenue works	9.23
3) On establishment	19.38
4) On other Heads	
i) From loan works budget	6.91
ii) (A) From Revenue Budget	2.06
(B) Revenue earned by departments	16.81

II—Achievement :—

1) Building construction branch

	Completed		In Progress	
	Bldg.	T/s.	Bldg.	T/s.
(a) Housing tenements	—	6	—	5
(b) School buildings	6	—	27	—
(c) Markets	1	—	11	—
(d) Hospital Maternity Home, Dispensaries	5	—	32	—
(e) Other buildings works	57	—	94	—

III—Slum Improvement Branch :—

- 1) Colonies covered for improvement 66
- 2) Colonies approved for Slum Redevelopment 05

IV—Civil And Environmental Sanitation and Project :—

i) Air pollution complaints attended	353
ii) No objection certificate issued	61
iii) Proposal for removal of permit licences additional power change of fuel etc.	354
iv) Registration of electrical furnances ovens	82
Total	850

V—Maintanance of Municipal Properties :—

i) Buildings	4607
ii) Works carried out through P. W. C.	1243

DEPUTY CITY ENGINEER (PLANNING AND DESIGN)

This branch is headed by to Deputy City Engineer (Planning and Design), for City and Suburban area and Municipal Architect. The details of works carried out during the year under report are as below :-

Administration report for the period from 1-4-1992 to 31-3-1993.

Sr. No.	Particular	General Bldg. Works		Housing		Slum Improvement		P.W.C.	Annual contract for drawing material	Providing furniture to Municipal properties	Waterproofing treatment to Municipal properties & constn. of compound wall.
		City	Sub.	City	Sub.	City	Sub.				
1	2	3	4	5	6	7	8	9	10	11	12
1.	Block estimate	4	—	—	—	—	—	—	—	—	—
2.	Amount of block estimate (in crores)	3.07	—	—	—	—	—	—	—	—	—
3.	Detailed plans and estimate.	42	16	—	1	—	—	—	—	—	70
4.	Amount of detailed estimate (in crores)	5.94	8.32	—	43.65 (lacs)	—	—	—	—	0.18	34.35
5.	Contract awarded (in crores)	7.46	9.04	—	36.81 (lacs)	—	—	53 contractor for budgetary grant and 48 contractor for non budgetary grant.	7.99 (lacs)	0.22	48.99
6.	Details estimates in hand.	16	21	—	—	—	—	—	—	—	14
7.	Approximate cost of detailed estimates in hand (in crores)	—	20.66	—	—	—	—	—	—	—	0.28

Dy. C. E. (Slum Improvement)

Since the Establishment of the Slum Improvement Cell in 1969, the work of providing Civic Amenities in different hutment colonies has been continued under the pro-programme for Environmental Improvement of Slums.

During the year 1992-93 the amenities serving beneficial population of about 98,188 were provided in Slum Colonies under the Slum Improvement Programme, during the year, 382 numbers of W. C. / A. P. seats, 1,58,363 sq. mtrs. passages 3,60,79 R. M. Drains and 31 Nos. of water taps in various slums have been provided.

A) The works completed during the year—

(1) Slum Improvement Works of providing Basic Civic Amenities in 54 Slums.

(2) Slums Improvement work of Additional Amenities in 12 Slums.

B) B.U.D.P. sites and services during the year

Work completed — 7.

C) Demolition & Reconstruction of delapidated

A.P./W.C. Blocks

Work completed — 35

D) Slum Redevelopment colonies approved for SRP.—5.

Environmental Sanitation and Projects Department.

This department is headed by the Dy. City Engineer (Civil) Environmental Sanitation and Projects and deals with air, water and noise pollution control matters and related projects.

The major activities of this department are as follows :—

(1) Enforcement of Air, Water, Noise and Vibration Pollution Control Measures :—

The enforcement Section of this department deals with proposals relating to industries, factories and various trades, establishments, expansion, change of fuel, change in manufacturing activity, increase in power and water quota, etc., installation of steam boilers, D. G. Sets, electric furnaces and ovens, oil fired furnaces, petty trade furnaces, thermic fluid heaters, chimneys etc., from pollution point of view, suggesting and scrutinising control measures including provision of effluent treatment plants, etc. Fees are levied on all industries on the basis of connected load as per permit and the average annual collection of such fees amount to Rs. 150/- lakhs or so.

850 complaints regarding pollution were attended and the authorities of the factories are suggested to take measures during the year.

(2) Ambient Air Quality Monitoring & Research Laboratory, Khar.

Air Quality Monitoring & Research Laboratory of Environmental Sanitation and Projects Deptment exists. There are 22 ambient air sampling stations located on terraces of Municipal Buildings spread over area of Greater Bombay. Air samples are analysed form Health Survey point of view.

(3) Preparation of Comprehensive emission inventory of Pollution sources :—

The Emission Inventory Group has been specifically set up for preparation of comprehensive emission inventory of all pollution sources in the City viz. : i) Industrial, ii) Automobile, iii) Commercial, iv) Domestic and v) Power Plants.

40 numbers of sound/vibration level measurements including surveys on noise and vibration nuisance were carried out during this year.

Special instruments and equipments are available to carry out the above work.

This department takes the samples from chimneys attached to boilers, thermopacks, D. G. Sets and process vessels etc. and 28 stack analysis were carried out.

(4) Association with the International Committees and the World Bank.

The Brihanmumbai Mahanagarपालिका is a Member of Econocical and Social Commission for Asia and Pacific (ESCAP) which is an International Organisation, for studying the environmental problems Mumbai is one of the cities selected for the purpose.

World Bank have launched Metropolitan Environment Improvement Programme (MEIP) recently. and Mumbai including Bombay Metropolitan Region is selected under the programme for consultancy works for improvement in Solid Waste Disposal System in Brihanmumbai, overall improvement of environment of Chembur Industrial Area and experimental use of compressed natural gas (CNG).

Municipal Corporation of Greater Bombay in collaboration with All India Institute of Local Self Govt., Andheri, have joined an International Mega City Project to study innovations in different Municipal Operations like Solid Waste Management, Water supply, Slums Improvement, etc.

M. C. G. B., is host Third Congress of CITYNET (association of local authorities of cities in Asia and Pacific Region) in Bombay in the period 20-24 November 1993. Delegates from about 60 member cities in Asia and Pacific Region attended the Congress.

Maintenance of Municipal Buildings.

Municipal Building :— In the City and Suburbs at the end of the years.

(a) Housing :— 24971 Nos. of tenaments are in the City

9479 Nos. of tenaments are in the Suburbs.

Other Buildings :— 3923 in the City and 684 in the Suburbs

(Including Buildings., Schools, Hospitals, cemeteries etc.)

The work of maintenance is classified under the major heads :—

- (i) Normal repairs.
- (ii) Special repairs.
- (iii) New Works.

Mansoon repairs are also included in the normal repairs, special repairs over the works are likely to increase the life of buildings and structures. New works cover the works of additions and alterations to the buildings as also those of providing additional amenities.

This year the repairs and maintenance of the Municipal properties were carried out either departmentally or through petty Work Contractors.

The total expenditure incurred on the maintenance of Municipal properties was 1250.19 lakhs (City Rs. 728.51 lakhs and suburbs Rs. 521.68 lakhs).

Out of this an amount of 511.09 lakhs was spent on normal maintenance and amount of Rs. 739.10 lakhs was spent on new and special repairs. Works costing Rs.841.50 lakhs (City Rs. 342.88 and Subs. Rs. 498.62) were executed through the petty Works Contractors. Total Nos. of Works carried out through P. W. C. was 1243 and Total No. of works carried out departmentally was 16579 and expenditure incurred was 556.46 lakhs and 841.50 lakhs on department and P. W. C. works respectively.

BUILDING CONSTRUCTION BRANCH

The branch supervised the work of building construction after contracts are awarded by Planning and design department synopsis of the work done by this branch during the year 1992-93 is as under :—

Particulars	Zone	Works completed	Actual cost of works completed (in lakhs)
1	2	3	4
A—Housing			
(a) Work including pile foundation	City	1	37.85
	W. S.	—	—
	E. S.	—	—
(b) Structure	City	—	—
	W. S.	—	—
	E. S.	—	—
(c) Tenements	City	6 (Repair works)	181.65
	W. S.	—	—
	E. S.	—	—
B—Building Other than Housing			
(a) Schools	City	2	33.39
	W. S.	4	56.65
	E. S.	1	10.63
(b) Market	City	—	—
	W. S.	—	—
	E. S.	1	28.30
(c) Hospital, Maternity Home and Dispensaries	City	1	7.21
		1 (W.P. work)	0.71
	W. S.	2	29.02
	E. S.	1	21.90
(d) Other works	City	14	205.34
	W. S.	32	136.24
	E. S.	11	53.28

DY. C. E. (Bridges)
STATEMENT SHOWING THE WORKS COMPLETED DURING
THE YEAR 1-4-1992 to 31-3-1993

Sr. No.	Name of the work	Contract Cost (Rs. in lakh)	Expenditure upto 1-4-92 to 31-3-93
DIVISION -- I			
(1)	Extension of F.O.B. across 8 D. N. Road at Boribunder Railway Station.	35.42	9.09
(2)	Preliminary investigations at the site proposed flyover at Khodad Circle.	14.39	1.51
DIVISION -- II			
(3)	Proposed bridge across Mogra nalla on 120' wide D.P. Road near Lokhandwalla complex, Andheri (West).	261.85	60.08
(4)	Proposed construction of bridge at Malvani, Malad.	261.85	60.08
		29.92	19.91
DIVISION -- III			
(5)	Proposed pedestrian crossing across Tansa water mains at Ramabai pada Mulund Colony, Mulund (West).	2.71	1.51

CHIEF ENGINEER (DEVELOPMENT PLAN) :

The Development plan Wing of the Chief Engineer is also connected with formulating the various policies required for implementation of the Development Control Rules and Development Plan, etc., and to have uniform policy. After finalisation of the Development Plan by Corporation, the State Government have now sanctioned the revised Development Plan of all the wards in Island City and Suburbs.

As a result of the sanction of the Development Control Regulations, 1991, it has been possible to grant transferable development rights in the form of Development Right Certificate, and M.C.G.B., will be in a position to provide amenities/facilities in the area for the benefit of members of public as well as to grant permission for development of the sites reserved for reservations like Municipal Retail Market, Welfare Centre, Library, Maternity Home, Dispensary, Municipal Chowky, etc. The policy guide-lines in respect of D. P. have been finalized and the State Government have also given concurrence to the said policy guide-lines as well as to levy a scrutiny fee. The details regarding scrutiny fee, so recovered are given in the attached statement.

The policy guide-lines in respect of Slum development have been approved by the State Government and a Notification to that effect has been issued.

Bombay is endowed with quite a good number of historical buildings, areas (precincts), etc. Some of them are as old as 900 years or more (Banganga Tank and Temple Complex). There is a demand from the public to conserve this rich stock of old and monumental historic buildings, buildings with beautiful architecture, areas (percincts) with scenic beauty, etc. The State Government have also published a Notification in respect of the draft D. C. Regulation No. 67 regarding conservation of areas, artefacts, structures, precincts of historical and heritage significance. A separate list of these buildings of historical

monuments and architectural has also been published by the State Government alongwith the said Notification of the draft D. C. Regulation No. 67. The State Government have also notified the draft D. C. Regulation No. 68 dealing with the development of lands in Municipal possession, but reserved/ designated for Recreation Grounds, Play Grounds, Parks, etc., permitting underground shopping users, etc. Necessary action by B. M. C. has been taken in this respect.

As per the directive of the State Government, the Municipal Corporation have constituted an Adhoc Committee under the Chairmanship of Shri J. G. Kanga, Retired I. A. S., Ex. M. C., and member, Maharashtra Public Service Commission with some other members of public, who are eminent persons and Architects for dealing with the applications received by the Municipal Corporation for development/ re-development permission in case of the listed structures under category of Grade-II & III of the Notification in respect of the draft D. C. Regulation No. 67 for regulating the development of buildings of historical monuments, precincts, etc.

The coastal areas are being attracted for development due to the healthy atmosphere and the natural scenic beauty available at all the time. Since there were no regulatory controls over the developments along the coastal area, the Government of India have declared the coastal stretches as Coastal Regulation Zones, vide their Notification under No. SO/114(E), dated the 19th February, 1991. The said Notification is in force and has imposed certain restrictions on the development of these coastal stretches (CRZ). The State Government have advised the Corporation to prepare the Coastal Regulation Zone Map for Greater Bombay as required under the said Regulations for Greater Bombay and the same has been submitted to State Government.

ACQUISITION :

In view of the Development Control Regulations for Greater Bombay, 1991, the Municipal Corporation has been in a position to take over possession of large number of lands reserved for the various public purposes in respect of grant of transferable development rights (T.D.R.) Accordingly, 31 cases of acquisition proceedings have been initiated, in 4 cases, the possessions of the lands have been taken over by the Municipal Corporation through the Special Land Acquisition Officer. The Standard rent for 24 Municipal properties have been also fixed. The Municipal Corporation has taken over possession of 3 plots from the State Government for public purposes. In-case of D. P. Roads, the Municipal Corporation has taken over possession of the lands under the D. P. Road lands in 63 cases, free of cost and free of encumbrances. In 18 cases, the valuation of tenanted premises utilized for school, which are required to be returned to the original owner have been worked out.

TOWN PLANNING SCHEMES IN GREATER BOMBAY :

There are in all 33 T. P. Schemes in Greater Bombay of which 4 T. P. Schemes in City Area, 25 in Suburbs and 4 in Extended Suburbs. The variation of 24 T. P. Schemes will be submitted to the State Government for final sanction.

THE ZONAL SET UP OF BUILDING PROPOSALS SECTION :

Greater Bombay area has been divided into three zones viz., City zone, Western Suburbs Zone and Eastern Suburbs Zone under the control of the Chief Engineer (Development Plan)'s department and activities of Buildings of Proposals section in these zones are now in full swing. The zonal Dy. Chief Engineers, are Co-ordinating the Building Proposal with the help of Executive Engineer and the Ward Officer.

In order to streamline the procedure in the Building Proposals section & to avoid delay in approving the plans, a manual has been prepared specifying the definite procedure.

(a) During the period of 1992-93, the Urban Heritage Censervation Committee recommended 37 cases for NOC for developments.

(b) Cases of allowing residential/commercial in Industrial zone.

City	W.S.	E.S.
12	37	38

(c) Cases of allowing development of accommodation reservations and other amenities cases.

	City	W.S.	E.S.
Accommodation reservation.	10	43	15
Other Amenities	4	14	14

(d) Details of layout, amalgamation and sub-division proposals received during the year 1992-93.

- City** : 18 layouts, 15 proposals for amalgamation and 6 proposals for sub-division were received and 9 layouts, 4 amalgamation and 4 proposals for sub-division were sanctioned.
- W.S.** : 57 layouts, 58 -- proposals for amalgamation and 21 proposals sub-division were received and 29 layouts, 17 amalgamation proposals and 11 proposals for sub-division were sanctioned.
- E.S.** : 22 layouts, 12 proposals for amalgamation and 9 proposals for sub-division were received and 34 layouts, 12 amalgamation proposals and 14 sub-division proposals were sanctioned.

(e)	Revenue earned by <u>Dev.Plan</u>	<u>City</u>	<u>E.S.</u>	<u>W.S.</u>	
	THE Deptt. during the year 1992-93.	Rs.15,26,436/-	Rs.5,76,25,017	Rs.503,08,332/-	Rs.189,04,8521/-
(e)	Total expenditure	Rs.105472145/-	Rs.8309472/-	Rs.2822940/-	Rs. 10792063/-

STATEMENT—I

Particulars	City		Eastern Suburbs			Western Suburbs			
	Under Section 337 of the B.M.C. Act.	Under Section 342 of the B.M.C. Act.	Total	Under Section 337 of the B.M.C. Act.	Under Section 342 of the B.M.C. Act.	Total	Under Section 337 of the B.M.C. Act.	Under Section 342 of the B.M.C. Act.	Total
1) Total No. of building proposals received.	145	312	457	189	156	345	648	219	867
2) Permits issued for constn. of building (I. O. D./C. C.).	127	208	335	187	145	332	628	198	826
3) Completion certificate	039	123	162	118	076	194	271	129	400
4) Total No. of buildings dealt with.	145	312	457	305	221	526	556	200	756

No. of residential building constructed by different agencies (other than municipal) during the year 1992-93.

Agencies	City		Eastern Suburbs		Western Suburbs	
	No. of buildings	No. of tenements	No. of buildings	No. of tenements	No. of buildings	No. of tenements
1) Private enterprises	69	241	127	2451	573	10959
2) Co-op. Societies.	--	--	22	485	71	879
3) Employers for their employees.	2	33	11	747	16	60

Proposals for Non-residential Buildings.

	City	Eastern Suburbs	Western Suburbs
No. of proposals received	53	79	171
No. of proposals disposed off	20	62	152
No. of buildings constructed during the year 1992-93	21	34	28

A--Mechanical Branch :

Under Mechanical branch, there are in all five different shops, viz., Machine Shop, Boiler Shop, Carpentry Shop, Foundry Shop and one Design Section.

The work done :--

- I) MACHINE SHOP : Completed 240 jobs.
- II) BOILER SHOP : Completed 221 jobs.
- III) CARPENTRY : Completed 131 jobs.
- IV) PAINT SHOP : Completed 62 jobs.
- V) FOUNDRY SHOP : C. I. Manufacturing of Manhole Frames and Covers, alluminium casting 18112 kgs.
- VI) DESIGN SECTION : A) (i) Completed 207 jobs.
(ii) Work order--
Completed 42 Nos.
B) (i) Drawing prepared -- 65 Nos.
(ii) Sketches -- 70
(iii) Blue Prints -- 1600.

(VII) MUNICIPAL POWER LAUNDRY AT BHOIWADA, PAREL :--

During the year under report, the Municipal power Laundry has washed 5466899 Nos. of linens of 62 Medical Institutions and revenue earned of Rs. 1,63,44,532.00.

(B) Electrical, Air Conditioning and Refrigeration Section :

The work done :--

I. **Planning & Design Section** : This section has carried out electrification, installation of pump sets, air conditioning and refrigeration major works in Greater Bombay limits under loan works programme, for the newly constructed building as well as old buildings. Besides, this section has prepared estimates and contracts were awarded for fabrication works at 96 Municipal departments.

II. Electrical & Refrigeration Section :--

The work carried out by this section are--

- (i) Electrical construction works 57 Nos.
- (ii) Refrigeration Construction works 44 Nos.

III) Refrigeration Maintenance Section :--

This section has maintained the following equipments in City and Suburbs :--

a) Window model air conditioner	...	785 Nos.
b) Refrigerators	...	863 Nos.
c) Water Coolers.	...	466 Nos.
d) Adoptomatic Trimatic A.C. Units	...	89 Nos.
e) Package Units.	...	135 Nos.
f) Central Air Conditioning Plants.	...	60 Nos.
g) Work carried out through contractors.	...	116 Nos.

IV) PLANT & MACHINERY SECTION :-

This section has carried out the work of electrification, rewiring, re-modelling of electrical installations at Municipal hospitals, crematoriums, swimming pools, laundry, etc. in city and servicing, repairs and mainrepairs and maintenance of lifts in city and suburbs.

- (a) 44 Nos. of estimates amounting to Rs. 35,64,705/- have been completed.
- (b) 45 Nos. of works costing of Rs. 35,40,071/- have been carried out through outside agencies.
- (c) 214 Nos. of works costing Rs. 32,48,011/- have been completed departmentally.

(V) Ward Maintenance Section :-

The details of the work done are as under :-

- (a) 76 Nos. of estimates amounting to Rs. 82,44,600/- prepared.
- (b) 65 Nos. of works amounting to Rs. 30,17,124/- have been completed through outside agencies.

EXECUTIVE ENGINEER (MECHANICAL & ELECTRICAL) WESTERN SUBURBS K / WEST WARD ANDHERI.**The work done :-**

- (a) 144 Nos. of estimates for electrical works and 109 Nos. of mechanical works prepared departmentally and works to the extent of 3526389/- and Rs. 3406850/- respectively.
- (b) The works carried out through private agencies to the extent of Rs. for electrical and Rs. for mechanical.

ROAD ROLLER/DESIGN & MECHANICAL SECTION IN WESTERN SUBURBS :

During the year, there were 33 Nos. of diesel road rollers in operation for the entire area of the Western Suburbs. The Workshop situated at Khar has carried out the work of maintenance of road roller Western and Eastern Suburbs. The details of the works carried out during the year 1992-93 are as under :-

- (a) 104 Nos. of break-down attended.
- (b) 23 Nos. of jobs attended.
- (c) 95 Nos. of preventive maintenance works attended.

MECHANICAL REPAIR SHOP -- WESTERN SUBURBS :-

The details of mechanical & Electrical works attended during the year 1992-93 by the shop are as under :-

(a) Mechanical Works :-		
(i) Rolling Shutters.	...	19 Nos.
(ii) Collapsible Gates.	...	14 Nos.
(iii) M.S.O.H. Tanks.	...	05 Nos.
(iv) Hand Carts.	...	06 Nos.
(v) Office furniture	...	25 Nos.
(vi) Hospital Jobs	...	06 Nos.
(vii) Special Jobs.	...	28 Nos.
(viii) Cemetery articles.	...	01 Nos.
(b) Electrical Works :-		
(i) Jobs received.	...	671 Nos.
(ii) Jobs completed.	...	633 Nos.

**EXECUTIVE ENGINEER (MECHANICAL & ELECTRICAL) EASTERN SUBURBS
AT 'T' WARD MULUND :-**

The details of electrical and mechanical maintenance works carried out during the year 1992-93.

- (i) 209 Nos. of estimates, prepared of cost Rs. 88,23,453/-
- (ii) Cost of departmental works carried out Rs. 13,60,540/-
- (iii) Cost of works carried out by private agencies -- Rs. 93,55,072/-

MECHANICAL REPAIR SHOP (ESTERN SUBURBS) :

Work done :-

- (i) Job pending/beginning for the year 1992-93. ... 80 Nos.
- (ii) Job received ... 483 Nos.
- (iii) Job completed. ... 425 Nos.
- (iv) No. of breakdown of pumps attended. ... 269 Nos.

EXECUTIVE ENGINEER MEDICO ELECTRONIC CELL :

Medico Electronics Cell, with qualified engineering staff was started with a view to have in-house repairs/maintenance facility for sophisticated medical equipments since December, 1987.

The works carried out by M.E. Cell :-

Sr. No.	Name of the Hospital	Total No. of equipments balance on previous year.	Total No. of equipments received for repairs.	Received as a scrap.	Repaired	On the spot repaired Team Stateline AGB Centres.	
1.	Nair	3	08	14	08	01	203
2.	L.T.M.G.	7	27	02	23	07	458
3.	K.E.M.	3	05	04	05	16	355
4.	Peripheral	6	55	06	40	682	--
5.	Other Offices	--	02	--	02	--	--
6.	Rajawadi	--	--	--	--	--	257
7.	H.B.M.G. (Borivali)	--	--	--	--	--	130
8.	Bandra Bhabha.	--	--	--	--	--	164
		19	97	26	78	706	1567

The work carried out by the Roads & Storm Water Drains Department :

MAINTENANCE OF MUNICIPAL ROADS :

	City	W.S.	E.S.
1. Roads in (K.M.)	563.86	645.10	421.86
2. Works carried out through P.W.C.	190	185	148

MAINTENANCE OF MUNICIPAL ROADS :**1) Roads & Footpaths and Length of Road (in K.M.)**

Area	Cement concrete	Black Top	Sett paved	Water Bound Macadam	Others	Unmetalled moterable	Total length
City	83.13	358.31	--	2.20	118.72	1.50	563.86
SUBS							
W.Sub	30.13	606.44	--	.20	8.33	--	645.10
E.Sub.	27.66	385.00	--	.1	9.10	--	421.86
Total :	140.92	1349.75	--	2.50	136.15	1.50	1630.82

2) Improvement of Roads :

Area	Street Asphalt	Chip Coat on Asphalt Road	Semi Grouting	Asphalt concrete	Surface Dressing
City (Sq.M)	2000	--	11	--	30400
SUBS (Sq.M)					
W.Sub.	60310	22500	--	--	--
E.Sub.	150000	--	30400	--	15002

B.U.D. PROJECT :

The Government of Maharashtra through the Maharashtra Housing and Area Development Authority (MHADA) have under taken a number of schemes for housing the low income groups and economically weaker sections. The B. M. C. have decided to provide infrastructure nallas, S. W. Drains, roads and street light for the layout and work carried out by B. M.C. are as under :--

Sr. No.	Name of the work	Date of completion
1.	Filling of approach road to bridge to Charkop.	15-4-1992
2.	Construction of D. P. Road in Versova.	13-3-1993

ADMINISTRATIVE REPORT FOR P.M.G.P. WORKS FOR THE YEAR 1993-94

There are certain civil works being carried out in Dharavi area under P.M.G.P. Scheme since 1987.

Work completed in 1992-93 :

1. P/L S.W. precast box drain along Sion Dharavi Road Part-I.
2. P/L precast S. W. Box drain along Andhra Valley Road.
3. P/L S.W. Precast box drain along Sion Dharavi Road Part-II.
4. P/L S.W. Box drain along part of 60' Road Dharavi from Estrella Batery upto Dharavi Sion--work is in Arbitration work is foreclosed.

5. P/L S. W. pipe drains and S. W. precast box drain in remaining drainage district 'A' Dharavi put for foreclosed.
6. P/L S.W. pipe drain and S.W. precast box drain in remaining drainage district 'B' Dharavi.
7. Providing open S. W. D. along part of 60' Dharavi Nalla at 60' Road Dharavi Part 'A' work is completed.
8. Providing open S. W. D. along part of 60' Dharavi Nalla at 60' Road Dharavi Part 'B' work is completed.
9. Improvement of the Jn. of Sion Dharavi Link Road and Bandra Dharavi Link Road 'T' Jn. by concreting of central width asphaltting of side width including construction, improvement of S. W. D. and providing ducts in Dharavi under P.M.G.P.--work is completed.
10. --do-- --do-- 'Y' jn. by concreting of Central width asphaltting of side width including construction, improvement of S.W.D. and providing ducts in Dharavi under P. M.G.P. work is completed.

BRIMSTOWAD PROJECT -- Master plan for Storm Water Drainage System :

The consultancy contract for the above work given to M/s. Watson Hawksley (Int.) Ltd. in association with M/s. Associated Industrial Consultants (India) Pvt. Ltd. vide S.C.R. No. 1694, dated 14th February 1990 continued during the year till 31st March 1993.

The consultants have submitted Final Master Plan Report and all the relevant documents and Survey-Records of the work carried out by them during the consultancy.

The following field-survey were satisfactorily completed during the year and documents submitted.

- | | | |
|--|---|--|
| 1) Bench Surveys | : | 198 Bench Market were established and levels assigned. |
| 2) Nalla Surveys | : | 284 Km. length. |
| 3) Man-hole Topo Surveys | : | 472.00 length involving 17200 manholes. |
| 4) Man Entry Condition Survey of Arch Drains. | : | 76 Km length |
| 5) Man-hole survey of Dhapa Drains | : | 2738 Nos. |
| 6) Man-Entry Condition survey of sewers | : | 11 Km |
| 7) Outfall surveys | : | 105 Nos. |
| 8) Closed Circuit Television Survey of Sewers. | : | 15.00 Km. |

III--Asphalt Plant

The work of asphaltting roads were carried out during the year and 40,464 Sq. Mts. area of Roads were asphalted with chip coat produced at the Asphalt Plant, Worli. Besides, Asphalt Plant has supplied 5826.78 M.T. of Cold Mix to Wards for repairing potholes on minor roads and on footpaths. Total cost of production of premix for wards, resurfacing of road and repairing of potholes is Rs. 72,96,573.84 being the revenue collected during the year.

CHIEF ENGINEER (CCRDS & TRAFFIC)

STREET LIGHTING FOR THE CITY

The street lighting for all the public roads in City is looked after and maintained by BEST on behalf of the Corporation.

POSITION OF STREET LIGHT LAMS :

I As on 31-3-92 : 29.930 Nos. As on 31-3-93 : 30.626 Nos.

Increase : 696 Nos.

II Total No. of T.D. Bollards as on 31-3-93 : 143 Nos.

III Total energy consumed during the period 1-4-92 to 31-3-93 :--

Description	K.W. (As on 31-3-93)	K.W.H.
A. Municipal	1909.00	81.77.169
B. BEST (All-in-Hire)	5106.00	2.23.55.295

IV. Improvement of street lighting was carried out on 37 roads/streets. The programme for change over of HPMV to HPSV lamps on main corridors is continued.

Temporary lighting arrangement was made during Ganpati Festival at Girgaon Chowpatty, Cuffe Parade, Mazgaon, Colaba, Banganga for general public visiting immersion ceremony as well as during Navratri at Mahalaxmi Temple and Mahim Fair and at Gateway of India.

SUBURBS AND EXTENDED SUBURBS

The total No. of street lights at the end of the year as on 31-3-93 is 52,333 Nos. as against the total of 49,762 in the previous year.

Temporary lighting arrangement was provided during Ganpati Festival at Danda village, Khar versova beaches, Juhu beach, M.G. Road, Goregaon, Madh and marve beaches, Dahisar river in W.S. and Wadala Tank, Kurla (W), Trombay, Mahul and Charai pond at Chembur, Ramabai colony near side culvert E. E. Highway, Powai Lake, Shivaji Talao, Bhandup, Mithagar Road pond in Mulund in E.S. for safety of general public visiting Ganpati immersion ceremony. Regular lines have been sanctioned in cases of 7 areas. Improvement of street lighting carried out in Western Suburbs and Eastern Suburbs in case of 40 and 35 streets respectively.

REMOVAL OF VEHICLES :

1319 vehicles found abandoned or undergoing repairs on public roads or footpaths were removed to municipal custody out of which 1058 were retrieved on payment.

TRAFFIC AMENITIES

The work of construction of traffic islands channelisers central dividers, parabolic dividers etc. was carried on certain roads and intersections in order to ensure safety of both the pedestrians as well as vehicular traffic within Greater Bombay.

Road marking such as strips pedestrian crossings road dividers and kerbs were painted on all important roads in the City and Suburbs and an amount of Rs. 26,78,542/- Rs. 24,85,483/- and Rs. 25,70,176/- was incurred in City, Western Suburbs and Eastern Suburbs .

SIGNAL INSTALLATION PROGRAMME

28 additional road traffic signals and one additional flashing beacon have been installed.

The maintenance of 308 road traffic signals and 44 flashing beacons is undertaken by this office. 352 nos of signals/flashing beacons are in operation.

PAY & PARK SCHEME IN GREATER BOMBAY

Municipal Corporation has reintroduced Pay and Park Scheme in Brihan Mumbai and presently there are 76 nos of schemes in operation. The implementation of the scheme is also being extended further progressively in the entire Greater Bombay Limit.

INTER UTILITY CO-ORDINATION CELL

The Inter utility Co-Ordination Cell was established to regulate and co-ordinate on the extensive excavations on roads and footpaths undertaken by various utility concerns on major roads as per the guide lines given by Central Committee appointed for the purpose.

The department has also initiated project of providing Computerised Infrastructure with Geographical information System to chart all the surface and underground utilities which is being finalised.

The work of naming and renaming of streets and chowks is looked after by this department.

CEMENT CONCRETE

Concreting of road programme for the season of 1992-93 has been formulated into 74 works at the estimated cost of Rs. 69.08 crores consisting of 28 works in City, 23 works in W.S. and 23 works in E.S.

(SOLID WASTE MANAGEMENT DEPARTMENT)

Administration Report of Solid Waste Management Department for the year 1992-93 (City Suburbs & Ext. Suburbs).

The Department of Solid Waste Management comprises of Conservancy and Transport department. The Transport department provide vehicles for transportation of refuse and cesspool contents from unsewered area, whereas conservancy Department provides the services, consists of collection, removal and disposal of garbage and sweepings from public roads, streets, foot-paths & by lanes and maintenance of dumping grounds. The work of removal of night Soil and Cellpool from unsewered area, maintenance of public sanitary conveniences is also undertaken.

Collection Refuse, Debris etc :

The quantity of refuse and other waste material collected in street cleansing operation as well as from residential premises was approximately 10.84 lakhs tonnes in City and 5.80 lakhs in Subs., average per day being 2951.14 & 1590.71 tonnes in City and Suburbs respectively. The quantity of bebris collected in City and Suburbs was 11.84 lakhs tonne.

Transport of refuse :--

Transportation of refuse as collected above, was carried out by engaging mechanical traction. Total vehicles trips employed for removal of refuse during the year are as under :--

Sr. No.	Area	Municipal Vehicle Trips	Vehicle Trips on contract	Percentage	
				Municipal vehicle	Contractors Vehicle
1.	City	61,837	1,02,315	37.67	62.42
2.	Suburbs & Ext. Suburbs.	36,466	77,597	31.97	68.03

Disposal of Refuse :--

The final disposal of refuse was done by reclaiming lowlying land at Chincholi, Gorai in the Western Subrubs & Deonar and Mulund in the Eastern Suburbs. Total disposal of waste during the year 1992-93 at Dumping grounds was 16,57,775.20 tonnes.

Public & Private Laterines and Urinals :--

Sulabh International has been entrusted with the work of construction and maintenance of 125 P.S. cs. in Bombay, and they have been satisfactorily maintaining 65 P.S. Cs. at present.

Sulabh International has also constructed P.S.Cs. through donors at 9 places i.e., at Mussum, through Inner Wheel Club of Bombay and opp. Metro Cinema, M. G. Road, Tata Service Ltd. etc.

3182 cases in the City and 3846 cases in Suburbs and Extended Suburbs were loged by 116 Nuisance Detectors for offences such as urinating defecating and throwing refuse on public roads under section 115 of the Bombay Police Act and Rs. 1,64,565/- and Rs. 89,655/- were recovered as fine in City & Suburbs respectively under report. During the year 1074 cases in the City and 1453 cases in suburbs and Ext. Suburbs were loged under section 372(E) of the Bombay Municipal Corporation Act, and Rs. 75,506.00 and Rs. 1,21,326.00 were levied as fine respectively in the City & Subs.

Conservancy Services :--

An amount of Rs. 19,62,473.00 was received for rendering Conservancy services to Private agencies, exhibitions etc.

Expenditure on Conservancy services for the year 1991-92 :

The total expenditure for Div.-I, II & III during the year was Rs. 113, 02,37,029.45 Out of which Rs. 101,26,03,211.96 was for clearance, transportation and disposal of refuse of 16.58 lakhs tonnes.

The cost of removal per tonne of garbage comes to Rs. 610.78 and per capital Rs. 114.05.

So far as the Solid Waste Management Department, Division--I is concerned the statistical data regarding Revenue and Expenditure for the year 1992-93 for City Wards is given below :--

I--Revenue	Rs. 2,14,73,672.00
1) Expenditure on Establishment :	
i) Expenditure on Supervisory staff, Division--I & Labour Tech. & others.	: 5,26,99,697.00
ii) Exp. on Scavengers, Div.--I	: 23,22,53,185.36
iii) Exp. on Motor Loaders, Div.--I	: 10,98,25,829.50
iv) Exp. on Halalkhore, Div.--I	: 2,10,50,323.20
v) Exp. on L. S. Bigaries, Div.--I	: --
vi) Exp. on K. D. Rly. Staff, Div.-I	: --
vii) Exp. on staff working in slums	: --
(i) Supervision	: 19,78,329.43
(ii) Labour Tech. & Others	: 3,23,79,176.73
viii) Exp. on Staff working in Pvt. Slum.	
(b) Labour Tech. & Others	: 11,99,990.31
Total	: 45,13,86,531.53
(2) Expenditure from Rev. Budget :	
i) Rev. Exp. on Maintenance of properties etc., Div.-I	: 77,98,308.00
ii) Exp. on Transport (Hire & Mun.)	: 18,58,59,893.01
iii) Exp. on Removal of debris, silt, & Housegully material	: 3,73,71,659.59
iv) Exp. on other heads Div.-I	: 44,09,762.24
Total Exp. from Revenue Budget	: 15,54,39,622.84
3) Exp. from Loan Work Budget Div.-I :	: 2,59,64,255.00
Grand total (1+2+3)	: 63,27,90,409.37

(SOLID WASTE MANAGEMENT DEPARTMENT)

	Div.-II	Div.-III	Total
I) Revenue	10,18,03,682.00	34,50,493.07	70,55,493.07
II) Expenditure :			
1) Exp. on Establishment--			
i) Exp. on Sup. Staff	2,57,55,226.20	1,20,82,497.00	3,78,37,723.20
ii) Exp. on Scavengers	7,64,801,44.33	8,16,15,715.00	15,80,95,859.33
iii) Exp. on Motor Loaders	3,78,38,475.58	1,93,67,034.00	5,72,05,509.58
iv) Exp. on Halalkhore	2,82,99,955.29	1,83,93,283.00	4,66,93,238.29
v) Exp. on L. S. Bigaries	--	73,57,049.00	73,57,049.00
vi) Exp. on staff working slum	3,79,93,175.34	--	3,79,93,175.34
Total Exp. on Estt.	20,63,66,976.74	13,88,15,578.00	34,51,82,554.74
2) Exp. from Rev. Budget :-			
i) Rev. Exp. on Maint of properties etc.	30,81,912.74	2,20,950.00	33,02,862.74
ii) Exp. on Transport (Hire & Mun.)	94,65,553.00	93,04,628.90	1,87,70,181.90
iii) Exp. on removal of debris, silt housegully material	2,72,23,736.00	1,43,57,035.77	4,15,57,035.77
iv) Exp. on other heads.	52,42,317.32	5,94,41,930.60	6,46,84,247.93
Total Rev. Budget	4,50,13,519.06	8,33,24,545.28	12,83,38,054.34
3) Exp. from Loan Works Budget :-			
Total Loan Work Budget	96,07,090.00	1,43,18,911.00	2,39,26,001.00
Grand Total	26,09,87,585.80	23,64,59,034.28	49,74,46,620.08

ESTATE AND LAND MANAGEMENT DEPARTMENT

Administration Report for the year 1992-93.

1) Money Spent	...	Rs. 2,02,13,541.76
2) Money eared	...	
i) Rent from tenants and lessees.	...	Rs. 3,45,66,830.62
ii) Other	...	Rs. 2,74,82,376.19

A -- Ex- Trust Section

There were no changes in Schedules X, Y and Z Lands. The total area of developed land is shown in statement 'A'. The undeveloped land at present with the Corporation is approximately 494 acres which covers the land at Dharavi Scheme 56.

B -- Municipal Section

4 plots in Municipal scheme have been disposed off in the year 1992-93 as shown in Statement 'C'.

Slum Clearance

No tenements were constructed during the year under report.

INDUSTRIAL ESTATES

No New Industrial Estate has been constructed during the year under report.

NEW HOUSING SCHEMES :

- 1) No New tenements were constructed during the year.
- 2) Recoveries of rents of dormitory at Palton Road amounted to Rs. 1,97,147.10 during the year.

DISPOSAL OF LANDS

(A) - Long Leases

4 plots were leased out during the year. The total area of the land thus disposed of admeasures 11360.49 sq. mts. valued at Rs. 96,18,089.85.

The amount received by way of commutation of ground rent and premium etc., during the year was Rs. 81,51,087.57.

The main items of arrears which constitute a part break up Rs. 3,06,41,867.72 pertaining to 'B' Budget and of Rs. 2,87,70,776.05 pertaining to 'B' Budget and of Rs. 2,87,70,776.05 pertaining to 'A' Budget. The 'A' and 'B' Budget classified as under :-

<u>Ground Rent</u>		Rs.
1. With-hold by lessees to the extent of their security deposit.	--	1,87,202.95
2. Of plots occupied by Government of Maharashtra and Defence Department.	--	1,14,468.75
3. Of properties vested in the Deputy Custodian of Evacuee Property.	--	11.00
4. Of plots against which disputes have been raised and cases are under consideration.	--	14,06,778.28
5. Due from Western and Central Railways.	--	19,596.00
6. Due from Municipal Department.	--	1,13,111.83
Total :	--	18,41,168.81

(2) Short Leases :--

No temporary leases were granted during the year under report.

The number of vacant land tenancies both Ex-Trust and Municipal Estates excluding those given in Mankhurd and Jogeshwari Colonies were 4218 and 659 respectively at the close of the year. The demand for vacant land tenancies in Ex-Trust Estates and Municipal Lands for the year under report was Rs. 27,41,378.99 and Rs. 63,46,093.19 and the recovery was Rs. 7,72,337.69 and Rs. 45,76,188.67 respectively inclusive of arrears.

MANAGEMENT OF PROPERTY AND COLLECTION OF REVENUE**A -- Trust Section****(a) Chawl Permanent :--**

The demand of the tenements of the permanent chawls for the year is Rs. 1,34,81,903.77, Recovery for Rs. 92,26,852.95 and arrears at the end of the year is Rs. 42,55,050.52.

The capital expenditure incurred on the chawls including the value of the land is Rs. 246 Lakh. The Corporation have to pay interest and sinking fund charges at the rate of 4.61 per cent per annum on the capital expenditure prior to 1919-20 and 6.35 per cent. per annum on the capital expenditure incurred in subsequent years and 4.24 per cent in respect of those chawls constructed after 1950.

(b) Semi Permanent Sheds :--The demand in respect of Semi Permanent sheds including Labour Camps for the year is Rs. 46,65,729.71, recovery for Rs. 40,75,792.82 and arrears of Rs. 5,90,028.89.

Revenue collected from tenements constructed for Slum Clearance was Rs. 32,20,506.29 against the demand of Rs. 31,86,382.80 inclusive of arrears.

Acquired properties :--At the commencement of the year, there were 449 acquired or surrendered buildings in charge of this department containing 6479 tenancies. At the close of the year, corresponding figures were 449 building and 6479 tenements.

The gross demand of 3369 tenements in the acquired and re-entered building was Rs. 19,53,283.52. After excluding the amount for concession in rent and vacancies the net demand for the year was Rs. 19,54,071.52.

The revenue collected amount to Rs. 45,76,188.67 which was equal to 73 per cent of the total recoverable amount including arrears of Rs. 17,69,904.52 for the previous year.

Requisitioned Buildings :-- The management and collection of rent in respect of 45 properties having 462 tenancies requisitioned from private landlords for A.R.P. Purposes were continued to be locked after by this department. The demand inclusive of arrears in respect of these tenancies for the year was Rs. 2,56,577.98 and the recovery was Rs. 99,208.38.

During the year under review, the demand and recovery of taxes aggregated to Rs. 4,89,798.23 and Rs. 61,933.36 respectively. The arrears due for collection at the close of the year stood at Rs. 4,27,864.87.

STATEMENT -- 'A'**Statement showing the total area of developed land.**

Change in	As at the beginning of 1992-93 (sq.mtrs. in thousand)	As at the end of 1992-93 (sq.mtrs. in thosand)
DEVELOPED LAND		
Area permanently leased	6441.60	6441.60
Area of Trust Chawls sites	158.86	158.86
Area sold	7.53	7.53
Area reserved for Municipal Market	0.97	0.97
Total	6608.96	6608.96
Rent of permanently leased area (Rupees in thousand)	13,711.45	13,711.45

STATEMENT -- 'B'**Statement of permissions granted in respect of Lease plots for 1992-93.**

Description	No. of proposals	Premium in Rs.	Ground Rent in Rs.
Motor Garages	6	--	9,822.00
Additional floors	21	--	22,30,827.78
Change of user and misc. proposal such as encroachments, structures, Gallery Projections, Loft Mezzanine floors etc.	18	--	5,31,900.53
Transfer fees	12	--	12,000.00

STATEMENT -- 'C'**Number of plots disposed off in the different Municipal Lands in the City during 1992-93.**

Particular of Land	Plot No.	Area in Sq. Mts.	Capital Value. in Rs.	Ground Rent p.a., in Rs.
EX-TRUST				
1) Sion Matungs (West)	'B'	1678.95	2,40,089.85	24,009.00
Total	1	1678.95	2,40,089.85	24,009.00
MUNICIPAL				
1) T.P.S.Bandra No.III Bombay Education Trust	F.P.No.426(pt) 427(pt)	1751.66	17,08,000.00	1,70,800.00
2) Chembur Village Dr.B.A.Memorial Foundation.	C.T.S.No.360(pt)	4929.88	58,70,000.00	51.00
3) Village Bandra M/s.Blood Research Centre	C.S.T.No. 791(pt)	3000.00	18,00,000.00	1,80,000.00
Total	3	9681.54	93,78,000.00	3,50,851.00
TOTAL EX-TRUST & MUNICIPAL	4	11360.49	96,18,089.85	3,74,860.00

APPENDIX No. 3**STATEMENT SHOWING THE DISPOSAL OF EX-TRUST PLOTS DURING 1992-93**

PARTICULARS	No. of plots	Area in sq. mtrs.	Capital Value. in Rs.	Annual Rent in Rs.
Plots leased on Rental basis	--	--	--	--
Plots disposed off in 1991-92 earlier but surrendered to the Municipal Corporation corresponding figures for disposed plots.				
1991-92	2	5364.49	28,78,622.10	2,87,862.21
1990-91	2	3839.00	6,47,471.00	64,747.50
1989-90	--	--	--	--

BOMBAY FIRE BRIGADE

Administrative Report for the year 1992-93

The highlights of the administrative events for the year under report are as under :—

(1) Income and Expenditure :

The annual receipts by way of fire tax and other receipts aggregated to Rs. 6,90,82,000/-.

The total expenditure including Revenue Expenditure and Debt charges towards Capital Expenditure amounted to Rs. 1,83,47,730.00.

(2) Premises :

There are 20 Fire Stations in Greater Bombay.

12 Fire Stations in City.

4 Fire Stations in W. S.

4 Fire Stations in E. S.

(Mandvi Fire Station in city area is closed for reconstruction. Hence, not included in the list of fire stations in city).

Construction of fire stations at Backbay Colaba and Bandra Reclamation are completed and these fire stations will be commissioned shortly.

(3) Appliances and Equipment :

Appliances and Equipment available with the Brigade are enlisted in Appendix - I.

(4) Emergency Calls :

The Fire Brigade responded and rendered services wherever necessary at a total of 8336 incidents, the break-up of which is given below :—

Fire	:	5528
House Collapse Calls	:	228
Rescue Service Calls	:	578
Other Service Calls	:	1953
False Alarm Calls	:	49

(5) Casualties : The number of casualties in fire and other incidents are given below :—

Type of incident	Dead	Injured	Total
Fires	523	311	834
House Collaps Calls	130	120	250
Rescue Service Calls	48	112	160
Other Service Calls	200	140	340

(6) Casualties amongst of Brigade Personnel :15

14 Firemen and one officer injured while fighting fires.

(7) Fire Loss :

The property lossess due to fire were estimated at Rs. 4,47,67,100/-.

(8) Water Supply and Sources :

The approximate quantity of water used for extinguishing fire was 95, 67,616 liters out of which 2,00,400 lts. Were drawn from Municipal Mains and rest from sea, wells, ponds and private sources.

The total number of hydrants in city and suburban were 12,640.

(9) Ambulance Services :

The ambulance services comprising of 15 ambulance continued to attend hire calls, maternity calls etc., in Addition to fires and other emergencies. The details of calls responded to by the ambulance service are given below :-

Accident Calls	:	512
Hire calls	:	77
Maternity Calls	:	12
Free for Brigade staff	:	11
Free for poor cases	:	30
TOTAL :	:	<u>642</u>

The total receipts during the year on account of Ambulance hire charges aggregated to Rs. 1,541/-.

(10) The details of the number of fire prevention cases received, their classification etc., are furnished below :-

Year	total Cases received 390 & 394	Cases Disposed	Cases Pending
1992-93 (City)	2156	2012	144
Suburban	2491	2335	156
	4647	4347	300

(11) Other Activities :

(A) Annual Fire Drill Competition was held on 15th May 1993 at Byculla Fire Station. All Fire stations participated in the Drill Competition.

(B) Annual Sports :

Annual Sports were held on 16th February 1993 at Purandare Stadium, Dadar. All fire stations participated in the sports.

(C) Observance of Fire Service Day :

Fire Prevention Week from 14th to 20th April, 1992 and Fire Service Day i.e., 14th April, 1992 were observed by Brigade in co-ordination with the other fire service in Greater Bombay. Fire fighting demonstration were arranged in different localities and also a documentary film on fire prevention screened for a period of three consecutive days at the same area. Similarly displaying and screening of documentary films on Fire Prevention was arranged at Memonwada and Dadar fire stations and at these stations Exhibition & film show were open for public. During the week lectures on fire prevention for various groups of people were delivered. Posters and Pamphlets were distributed freely and slides were exhibited on television. Discussion and talks were broadcasted through All India Radio and organised and telecasted on Television. Interview of Chief Fire Officer was arranged on television for creating awareness about the fire hazards and to promote knowledge of fire prevention amongst the citizen. An Exhibition was also organised on the premises of V. T. Railway Station.

(D) Republic Day and Maharashtra Day :

The Brigade had participated in the ceremonial parade organised on Republic Day and Maharashtra Day alongwith the Defence Service, Police, Home Guards and Civil Defence Department etc.

14) Awards :

President Fire Service Medal for distinguished services is awarded to Chief Fire Officer, Shri D. J. Kulkarni of Bombay Fire Brigade for the year 1992-93, for his outstanding services for managing and administering the fire service and for his positive contribution in fire protection and fire prevention education.

15) 8 Hours Shift Duty System :

In consonance with the Industrial Tribunal Award in case of I. T. 44 of 1981-gazetted in 1987, eight hours Shift Duty system phasewise has been introduced in the department on 1-4-1991 and completed at all fire stations by 1-1-1993.

RIOTS AND BOMB BLASTS :

The city of Bombay witnessed unprecident situation in the form of communal riots in December 1992 and January 1993. This was followed by series of Bomb blast within a span of 2 hours 40 minutes which rocked the city.

The Bombay Fire Brigade during all the three occassions rose to the call of duty and rendered valuable services in combating the situation. In December 1992 Within a period of one week, Brigade had atteded more than 250 fire calls due to arson. Whereas in the month of January 1993 in the same period Brigade has attended about 750 fire calls out of which more than 50 were of serious nature. The services rendered during all these situations were well appreciated by Govt. Authorities, Eminent Personalities in City and cross section of people in society. In recognition of services rendered following awards were declared to Fire Brigade personnel .

(I) Commissioner's Silver Medal for Gallentary with cash prize of Rs. 500/-.

1. Shri G. D. Ganvir, Dy. C. F. O.
2. Shri D. S. Mulye, Dy. C. F. O.
3. Shri G. N. Sawant, Divisional Officer.
4. Shri T. G. Nankani, Divisional Officer.
5. Shri S. B. Bhambure, A. D. O.
6. Shri K. A. Kadam, Station Officer.
7. Shri A. Y. Gadade, Station Officer
8. Shri K. R. Bhosale, Leading Fireman
9. Shri G. P. Kadam (Lohar), Leading Fireman
10. Shri R. D. Bhosale, Fireman
11. Shri P. D. Sawant, Leading Fireman.

(II) Commendatory Certificates for 49 Fire Brigade personnel.

GENERAL

Looking to the shortage of water supply through Municipal Mains and also due to the facts that the Brigade is unable to meet the serious fire emergencies in the absence of immediate water supply, the Brigade has once again ventured into fabricating a new type of Water Tanker having large capacity, 16 K. L. capacity built in pump, sophisticated power take off and also water monitor fitted on the deck of the water tanker. This has afforded adequate water supply at critical times.

ANNEXURE -- I

List of Appliances and Equipment available with the Brigade (1992-93)

Sr. No.	Type of appliance	Nos.
1.	Motor Turn Table Ladders	
	a) 30 mtrs. Extension (DL 30)	1
	b) 37 mtrs. Extension (T.T.L.)	2
	c) 50 mtrs. Extension (D.L. 50)	1
2.	Hydraulic Platform	
	a) 30 mtrs. height	2
	b) 60 mtrs. height	1
	c) 16 mtrs. height	4
	d) 40 mtrs. Combined Hydraulic Platform Platform-cum-Turn Table Ladder	1
3.	Motor Pumps	
	a) Wheel Escape	4
	b) Angus 464 Ladders	24
	c) With Extension Ladders	7
4.	Emergency Rescue Tenders	
	a) Rescue Tenders (Model RW1)	2
	b) Rescue Tenders (Model RW2)	1
5.	Breathing Apparatus Set Van	3
6.	Control Post Van	1
7.	Water Tankers	
	a) Rigid water Tanker	4
	b) 16 K.L. Water Tankers with in-built Fire Pump.	2
8.	Pumps	
	a) High Pressure Portable Pump (400 G.P.M.)	14
	b) Portable light pump (1100 L.P.M.)	20
	c) High Pressure Trailer Pump (Kirloskar Make)	2
	d) Portable Fire Pump (Received under Japanese Grant-in-Aid Scheme-Phase II)	8
9.	Ambulances	15
10.	Other Vehicles	
	a) Jeep	27
	b) Mini Bus	3
	c) Cars	7
	d) Motor Truck	2
	e) Three wheeler Tampo (High Pressure Pump Van)	3
	f) House Laying Lorry	3

Sr. No.	Type of appliance	Nos.
11.	Equipment	
a)	Power Cutter (Electrically Operated)	8
b)	D. C. P. and Foam Tender	2
c)	Rescue chute	1
d)	Jumping Sheet	1
e)	Fire Suit	6
f)	Life Line	1
12.	Breathing Apparatus Sets :	
a)	Compressed Air Breathing Apparatus set (Open Circuit)	315
b)	Compressed Air Breathing Apparatus set (Model PA-90) with face mask	40
c)	Breathing Air Compressor	1
d)	Test Bench for compressed air breathing set	1
e)	High Pressure Air Compressor	1
f)	Air Compressor (Industrial type trailer for lifting Pneumatic tools)	1
g)	Power Cutters (Self Operated)	5
h)	Rescue Saw (Self Operated)	3
i)	Rescue Saw (Electrical Operated)	20
j)	Portable Electric Generator	1
k)	Automatic Fire Escape ('Day' make)	2
l)	Pneumatic Lifting Bags	11
m)	High Expansion Foam Generator	4
n)	Protective Clothing Suit	100

Supplimentary of Annuxure --I

Stock Position of Fire Fighting Houses as on 5-8-1993 is shown below

1. Fire Fighting Houses 63 mm -- 3035 mt.
2. Fire Fighting Houses 37.5 mm -- 3000 mt.
3. Special Polister Fire Fighting Houses -- 562 mt.

**Chief Fire Officer,
Bombay Fire Brigade.**

APPENDIX-II

Brief details of Bomb Blasts that continued in Bombay in the month of March 1993.

Sr. No.	Date & Time	Place	Business	Extinguished by	Description of Loss	Dead	Injured	Estimated Loss (Rs.)
1	2	3	4	5	6	7	8	
1.	4-3-93 0802 Hours	Opp. Buldg. Matrumandir, Javji Dadaji Road, Bombay-7.	Private	Firemen rendering First-Aid and cutting of electric current.	Motor Taxi bearing Reg. No. MRK-7051 was severely damaged (accumulator, two parts of engine, bonnet etc. were severely damaged due to fire heat, smoke and water).	--	--	As per in insurance surveyor.
2.	5-3-93 0754 hours	Ashok Silk Mill Compound, 144, Caesar Garments, Sion Dharavi Road, Bombay-17.	--	The firemen with 3 engine pipes from 5 Motor Pumps.	Sewing Machine, Button Holes Button stich machine, two cutting machines, raw material polythin bags, cutting table, pressing table, cloth of cotton socks, cotton rips, design cloth, cardboard, stitching material, satin fabrics, readymade baba suits, 9 shirts, sewing machine etc. damaged due to fire, heat, smoke and water.	--	--	--
3.	12-3-93 1420 hours	Matruchayya, Opp. Shrinivas Bldg., 383/384, 379/381 Narsi, Natha stree, Masjid Bunder, Bombay 3.	--	Firemen with one small engine pipe of 29 motor pump.	One Motor Lorry with goods, two private vehicles, 4 scooters 6 wooden handcars etc. severely damaged due to fire, heat smoke and water. 10 bldgs. neaby wer also affected due to the bomb blast.	4	15	--
4.	12-3-93 1517 hours.	Plaza Cinema theater, N. C. Kelkar Road, Dadar, Bombay.	Theater	By firemen using 3 house pipes from 5 Motor Pumps.	6 cars Reg. No. MGJ-180, MRK-4553 and other cars whose Reg. Nos. were not cleared, 6 scooters and bicycles were severely damaged due to fire, heat, smoke, water. Plaza theater and 4 shops at the roadside were also severely damaged due to the blast.	3	5	--
5.	12-3-93 1503 hours	Air India Bldg., Nariman Point, Bombay - 21.	Office Bldg.	By firemen with 5 motor Pumps.	Walls, ceiling, furniture cabins, fans, some part of collapse ceiling, record etc. severely damaged by fire, heat, smoke and water.	15	22	--
6.	12-3-93 1435 hours.	H. P. Petrol Pump, at the rare of Senabhavan, Gokhale Road, Dadar, Bombay-28.	Petrol Pump.	By firemen with 5 motor pumps and 4 engine pipes.	One fiat car bearing Reg. No. MRO-9791 Maruti Car with reg. No. DMR-6738, Ambassador Car Regi. No. MRC-6140, scooters with Nos. MH-01-C-4966 and MMK-5406 and other cars whose Reg. Nos. were not readable several damaged by fire, heat, smoke & Water. The lifting pump of the petrol pump and residensial houses in the adjustent bldg. & shops were also damaged.	3	5	--
7.	12-3-93 1610 hours.	L. J. Road, Behind city light cinema Mahim, Bombay-16.	--	By firemen with one small house pipe from Motor Pump No. 36.	Snagimis, Radcoters, cushion electric wiring, wires, glass, doors, complete framework etc. damaged due to dire, heat, smoke, water.	--	--	Rs. 90,000/-

1	2	3	4	5	6	7	8
8.	12-3-93 1612 hours	Razak Bldg. No. 34, L. J. Road, Mahim Bombay-16.	--	By firemen with 2 house pipes from 2 pumps and 1 hose pipe from DCP No. 1.	Huge stock of colours of different types, terpine, plaster of paris, furniture, fixtures, electric fittings, installation, household articles, bedsheets, window frames, glass paints, oil paint etc. severely damaged fire, heat, smoke and water.	1	- Rs. 75,000/-
9.	12-3-93 1312 hours.	M/s. Tip Top Beauty Parlour, Pushpakunj, Bldg., Mori Road, Mahim,	Beauty Parlour	By firemen with First Aid line from DCP No. 1.	Furniture, glasses, cloths, beauty parlour equipment, wall papers of the door, curtains, ceiling etc. severely damaged by fire, heat, smoke & water.	--	-- Rs. 1,00,000/-
10.	12-3-93 1640 hours	L. J. Road, Living Room showroom, Mahim, Bombay -16.	--	By firemen with one motor pump.	Seats, tyres, engine and complete frame work of the vehicle and scooters severely damaged due to fire heat, smoke and water.	--	-- Rs. 1,45,000/-
11.	12-3-93 1643 hours	M/s. Midland Hotel L. J. Road, Mahim, Bombay-16.	Hotel	By firemen with small engine, house pipe.	Some part of furniture was damag- ed due to fire, smoke and water.	--	-- Rs. 6,000/-
12.	12-3-93 1456 hours	Dr. Annie Besant Road, Private Near, Ramodia Mansion Worli, Bombay-18.	Private	By firemen with two Motor Pumps.	Tiled roof, timber frame, brick wall structure, household articles, electric installation etc. damaged due to bomb blast.	100	100 In lacs.

Chief Fire Officer,
Bombay Fire Brigade.

APPENDIX--III

Sr. No.	Type of rescue	In Fire	In Accident	Total
1.	Number of persons rescued alive but subsequently recovered.	552	469	1021
2.	Number of persons rescued alive with burns and/or injuries, but subsequently died.	225	133	358
3.	Number of human lives lost before arrival of Brigade.	51	131	182
4.	Number of casualties amongst fire service personnel.	10	2	12
5.	Number of animals rescued alive.	136	102	238
6.	Number of human alive rescued without burns or injuries.	198	423	621

APPENDIX--IV

Fires and losses for the period from 1988-89 to 1992-93.

Sr. No.	Years	No. of fires	Estimated loss in Rs.
1.	1988-89	3226	5,08,89,604/-
2.	1989-90	3750	6,04,47,408/-
3.	1990-91	3905	9,03,95,325/-
4.	1991-92	3869	5,73,38,050/-
5.	1992-93	5528	14,20,38,300/-

Chief Fire Officer,
Bombay Fire Brigade

**ADMINISTRATION REPORT FOR THE YEAR 1992-93 OF
MARKET DEPARTMENT**

SALIENT FEATURES

Income	:		Rs.	5,76,01,467/-
Expenditure	:		Rs.	6,14,95,273/-
MUNICIPAL MARKETS :--88				
1. Wholesale Markets	:		<u>06</u>	
2. Retail Markets	:		<u>82</u>	(Two Retail markets are under litigation)
Total :			<u>88</u>	
PRIVATE MARKETS :--18				
1. Wholesale Markets	:		<u>01</u>	
2. Retail Markets	:		<u>17</u>	
Total :			<u>18</u>	
Grand Total of Wholesale Markets	:		<u>07</u>	
Retail Markets	:		<u>99</u>	
Total :		<u>106</u>	:	<u>106</u>
Private Licensed Shops for Meat, Beef & Fish	:			1318
PERSONNEL :--				
1. Sr. Ward Officer (Markets)	:			<u>1</u>
2. Dy. Supdt. of Markets	:			<u>5</u>
3. Head Inspectors	:			<u>19</u> (Three post are vacant)
4. Inspectors	:			<u>183</u>
5. Office Supdt.	:			<u>1</u>
6. Head Clerks	:			<u>10</u>
7. Clerks	:			<u>49</u>
8. Others	:			<u>875</u>
Total :				<u>1143</u>

Detail of the Markets of each Division :

Unit	Municipal Mkt.	Private Mkt.	Licence issued to out side Meat Shop	Revenue	Estt.	Maint. Cost
				Rs.	Rs.	Rs.
City	37	11	531	4,17,73,778/-	2,68,03,207/-	1,31,25,324/-
Western Sub.	32	05	412	1,08,83,652/-	1,02,46,535/-	47,80,531/-
Eastern Sub.	19	02	375	49,44,037/-	46,24,825/-	19,14,851/-
Total :	88	18	1318	5,76,01,467/-	4,16,74,567/-	1,98,20,706/-

Wholesale Articles viz., Vegetables, Fruits, Mutton, Beef, Fish, Poultry etc., are supplied through these Markets.

Raids carried out against illegal import and slaughter of animals.

Total raids carried out :- 3061 Nos.

Animals seized :-

1. Sheep/goats	:	3162 Nos.
2. Horned cattle	:	764 Nos.
3. Pigs	:	--
4. Live Fowls	:	--

Stuff seized and destroyed :-

1. Beef	:	23,554 Kgs.
2. Mutton	:	11,410 Kgs.
3. Pork	:	95 Kgs.

Amount Realised :-

1. Disposal of skin and Hides	:	Rs. 8,580.36
2. Disposal of Fish	:	Rs. 8,067.00
3. Fine Imposed by Court	:	Rs. 2,16,860.00
4. Disposal of live fowls	:	Rs. --
5. By-sole of seized animals	:	Rs.10,47,836.00

Immunisation of cattle and dogs :

1. No. of dogs immunised at 8 different centres	:	138
2. Puppies destroyed at Mahalaxmi Centre	:	6970
3. No. of animals treated at Khar Vet. Dispensory	:	4832

Markets under re-development (City)

Colaba Markets :-First phase is already completed.

Second phase is now proposed.

Markets locked up in litigation :

1. Monarch Market, Chapsi Bhimji Marg (Mazgaon) City
2. Market on plot No. 36 at Mulund (West) (E.S.).

List of open plots available for development of Markets :--

Sr. No.	Ward	Location of plot	Area of plot in Sq. Ft.
1.	F/North	C. G. S. Colony	2008.29
2.	G/North	Mia Mohd. Chhotani Road.	3461.20
3.	G/North	Mogul Lane	3253.47
4.	R/North	Sanya Budhia Compound Opp. Railway Station, Dahisar.	7072.69
5.	R/North	L. T. Road, Near Bhabbi, Borivali (W).	2925.42
6.	M/West	Subhash Nagar, Chembur, Lay-out of 16th Road.	2115.00
7.	M/East	Govandi, Sambhaji Nagar.	3000.00
8.	S	Lal Bahadur Shastri Marg, Bhandup.	2546.00
9.	S	Kanammwar Nagar.	1820.00

Sig./-

W.O. (Markets)

DEONAR ABATTOIR

Administration report for the year 1992-93

All the Units functioned smoothly, during the year under report.

During the year under report, there is decrease in arrival of horned cattle, sheep and goats as compared to the arrival of last year. As regards slaughter of animals, there is decrease in slaughter of horned cattle whereas there is slight increase in slaughter of sheep and goats and pigs as compared to last year.

As usual special arrangements were made during the 'Bakri Idd' festival for "Sacrificial Slaughter" of horned cattle in C-2 cattle holding shed. Municipal meat vans were also made available for transportation of sacrificial meat.

Certain Mechanical and Civil works have been carried out at Deonar Abattoir with the financial assistance of the Agricultural & Processed Food Products Exports Development Authority (APEDA), Ministry of Commerce, Govt., of India, for up-gradation of deonar Abattoir.

Pharmaceuticals concerns like M/s. Griffon Laboratories, M/s. Raptakos, Brett & Co., M/s. Cachet Pharmaceuticals, M/s. Emcure Pharmaceuticals, Haffikine Institute and many other technical and research Institutes continued to take benefit of the facilities for collection of various glands, blood, tissues etc., at Deonar Abattoir for pharmaceutical use and research purpose.

Educational Institution like Bombay Veterinary College of Kokan Krishi Vidyapeeth, Trainees from Marketing and Inspection Department, Government of India, Local Self Government Institution, Bombay and many other Educational Institutions availed of the facility for demonstration, training etc., at Deonar Abattoir during the year under report.

Dignitaries from various States and also from abroad paid visits to the Abattoir and took advantage of technical expertise available.

STATEMENT - I

PART - I

Year	Buffeloes	Bullocks	M.B.S.	Sheep & Goats	Pigs
BROUGHT					
1991-92	77,076	1,16,305	13,394	31,61,899	49,412
1992-93	73,130	92,680	6,581	31,56,249	50,494
REJECTED					
1991-92	1,583	1,247	472	1,493	770
1992-93	1,123	904	278	1,179	275
Percentage of rejection :					
1991-92	2.15%	1.09%	2.48%	0.06%	1.5%
1992-93	1.4%	0.97%	4.1%	0.04%	.54%
Animal removed					
1991-92	7	19	—	8,51,970	5
1992-93	154	15	5	8,74,956	5
Slaughtered					
1991-92	77,126	1,16,621	13,219	18,42,572	49,912
1992-93	72,846	92,748	6,694	18,72,756	51,123

PART - II

Meat	Quantity produced in ton		Quantity condemned in ton		Percentage of condemnation	
	1991-92	1992-93	1991-92	1992-93	1991-92	1992-93
Beef	37,699.98	32,592.28	48.31	87.03	0.12%	0.26%
Mutton	18,425.72	18,727.56	1.79	1.68	0.01%	0.08%
Pork	1,229.94	1,271.36	18.85	19.11	1.51%	1.5%

DEONAR ABATTOIR

STATEMENT -II

REVENUE COLLECTED AT DEONAR ABATTOIR

	1991-92	1992-93
1. Fair Fees	Rs. 78,80,469.00	Rs. 81,49,220.00
2. Slaughter fee	Rs. 5,04,40,848.00	Rs. 5,08,12,245.00
3. Miscellaneous Receipts.	Rs. 38,77,319.00	Rs. 42,19,117.00
4. Rent	Rs. 15,54,000.00	Rs. 16,69,167.00
TOTAL :	Rs. 6,37,52,636.00	Rs. 6,48,49,749.00

For General Manager
Deonar Abattoir.

**MUNICIPAL CORPORATION OF GREATER BOMBAY
LICENCE DEPARTMENT
ADMINISTRATIVE REPORT 1992-93**

HIGH LIGHTS :

1) Expenditure on the Department :—

(a) Establishment

Rs. 4,85,85,347

(b) Others

Rs. 74,01,950

Total :

Rs. 5,59,87,297

2) Revenue earned by the Department :

Rs. 20,08,98,181

Statement showing the revenue position for the year 1992-93

Sr. No.	Particulars	No. of Licences	Actual collection for the year 1992-93
1	2	3	4
1.	Licences for Storage & trades under Section 393, 394, 412A of the B.M.C. Act.	1,21,488	Rs. 6,31,40,245
2.	Licences for Hawkers & Squatter under Section 313(A)(B) of the B.M.C. Act, & fees for removal of encroachment (Redemption Charges).	13,896	Rs. 2,63,25,445
3.	Licences for stall boards projections under Section 313(i)(b)(c) of the B.M.C. Act.	44,450	Rs. 1,08,76,530
4.	Licences for Advertisement Permits under Section 328/328A of B.M.C. Act.	5,904	Rs. 2,29,66,752
5.	Miscellaneous Receipts & Daily recovery of wrongful occupation-cum-refuse removal charges recovered from unauthorised hawkers, including reference removal charges. from licensed hawkers.	—	Rs. 6,89,76,430
6.	Ground Rent.	—	Rs. 86,12,779
TOTAL :		1,85,738	Rs. 20,08,98,181

EVOLUTION :

The Licence Department fulfill the obligatory duties of the Corporation under Section 61(J) of the Bombay Municipal Corporation Act, which provides for the regulation of offensive and dangerous trades, etc.

In order to fulfill the above duties and safeguard the life, health & property of the citizen, various trades & storages (of the commodities) enlisted in Schedule 'M', vide section 394 of the B.M.C. Act, are regulated by granting licences.

In the absence of any provisions under the existing B.M.C. Act, to confiscate without notice highly inflammable chemicals carrying fire risks & explosion hazard, A Flying Squad has been created to seize goods with the help of police authority. The goods so seized are redeemed as per the court orders after recovering the warehousing charges.

In addition to above, the following activities are also being carried out by the Licence Department.

- (a) Granting of permission for advertisements under Section 328/328A of the B.M.C. Act, as per the guidelines prescribed from time to time,
- (b) Granting of licence for projections such as Weather frame, Stall Board, Rolling Shutters, Show-cases, etc. under Section 313(1)
- (c) Hawkers licence under Section 313(A)(B) :— At present, however, barring cobblers, pitches & telephone booths for physically handicapped, no other licences are issued to any individual.

However due to various restraints in taking removal action against the unauthorised hawkers, a scheme of recovering wrongful occupation-cu-refuse removal charges at the rate of Rs. 5/- to Rs. 30/- per day is introduced and is in vogue.

- (d) For removal of unauthorised encroachment under Section 314(c), each Municipal ward is normally provided with one Lorry Inspector, six labourers and a Municipal vehicle in morning & evening shift.

For taking surprise rounds, two additional vehicles, one for City and one for Suburbs alongwith necessary labourers and Sr. Inspectors are also provided.

Statement showing the number of Licences and permits issued and fees realised during the year from 1992-93

Description	No. of licences.	Amount of fees realised
Commodities & Trades including Milk & the products (Section 394 and 412A)		
Blowing steam whistile (Section 393)		
No. of transfer of licences and fees	1,21,488	6,31,40,245

Statement showing the number of Hawkers licence issued and amount of fees collected during the year 1992-93

Description	No. of licences	Amount of Fees Rs.
Squatter fees collected from licensed hawkers.		
Fees received from itinerant hawker licences.		
Recovery of expenses under Section 490 for removal of encroachment under section 314.	13,896	2,63,25,445

Statement showing the number of licences issued in respect of stall boards, projections etc. during 1992-93

Description	No. of licences	Amount of fees collected
Licences for stall boards, projections etc. under Section 313(1)(b)(c) of the B. M. C. Act.	44,450	1,08,76,530

Statement showing the number of permits for advertisements issued and amount of fees collected during the year from 1991-92

Description	No. of Permits	Amount of fees realised.
Wall posters, Hoardings and Boards. Moveable Boards and Handcarts. Illuminated advertisement sky-signs, and non-illuminated sky-signs.	5,904	2,29,66,752

Statement showing revenue collected by the Flying Squad towards Warehousing charges During 1992-93.

Description	Amount
Warehousing charges	3,47,900

SHOPS AND ESTABLISHMENTS DEPARTMENT

1992-93

The department is headed by Chief Inspector entrusted with the work of--

- 1) Bombay Shops & Establishments Act, 1948 and Maharashtra Shops & Establishments Rules 1961.
- 2) Minimum Wages Act, 1948 and Maharashtra Minimum wages Rules 1963 in respect of the schedule employment only viz.--
 - i) No. 13 : Employment in any Residential Hotels, Restaurant or Eating house as defined in the Bombay Shops & Estts. Act, 1948.
 - ii) No. 17 : Employment in any Shop or Commercial Establishment (Not being an employment in any bank) or an employment which is included in any other entries in this schedule.
 - iii) No. 21 : Employment in Cinema Exhibition Industry.
- 3) Payment of Wages Act, 1936 and Maharashtra Payment of Wages Rules 1961.
- 4) Maternity Benefit Act, 1961 and Maharashtra Maternity Benefit Rules 1965.

Salient Features :

a) Revenue Receipts.	...	Rs.	92,54,308.35
b) Expenditure on different activities (Exclusive of Provident Fund & Supervision Charges).	...	Rs.	1,11,40,171.00
c) Amount of fine realised--			
1) Shops and Establishments Act, 1948	...	Rs.	18,82,340.00
2) Minimum Wages Act, 1948	...	Rs.	28,655.00
d) Number of employees benefited.	...		2003
e) Benefit realised under Minimum Wages Act, 1948	...	Rs.	13,47,646.90
Other Statistical Information :--			
i) No. of Establishments registered	...		3,02,581
ii) No. of employees working therein	...		9,59,028
iii) Grant-in-aid received	...	Rs.	Nil.

f)	Act	No. of visits	<u>No. of Court Cases</u>	
			Filed	Decided
	I) Bombay Shops & Establishments Act, 1948.	1,77,075	12,442	9,204
	II) Minimum Wages Act, 1948	9,088	143	137

g) The following complaints were received in the year 1992-93 from various parties, Commissioner of Labour etc.

Act	Complaints pending	Complaints received	Complaints disposed	Complaints Balance
Bombay Shops & Estts. Act, 1948	49	272	290	31
Minimum Wages Act, 1948	15	111	106	20
Payment of Wages Act, 1936	01	002	002	01

The total expenditure incurred on different activities of the department was Rs. 1,11,40,171.00. As against this an amount of Rs. 92,54,308.35 was realised by way of income on account of Registration, renewal fees, sales of forms etc.

During the year under report 1330 Mass Raids were conducted by the Inspectorate for surprise check of provision under Minimum Wages Act, 1948. These raids were for the purpose of check up of opening hours, closing hours, weekly closed day, record under Minimum Wages Act. In addition 942 Special Raids were conducted for detection of women employment in the permit rooms and after prescribed closing hours.

This department has also been collecting Trade Refuse Charges which are equivalent to the tariff of fees under the Maharashtra Shops & Establishments Rules 1961. During the year an amount of Rs. 78,87,901.50 was collected by the Inspectorate towards Trade Refuse Charges for the Solid Waste Management Department.

Chief Inspector,
Shops and Establishments.

Administration Report for the year 1992-93

Garden Department

The Garden Department looks after the recreation activities of the Corporation and at present maintains 317 Gardens, 200 Play-grounds, 41 Gardens attached to the Municipal Buildings, 4 Terrace Gardens, 222 Traffic Island Gardens, 75 water Fountains, 9 Band Stands 18 Nurseries and 25 Sale Counters all over Greater Bombay.

1. Income	...	Rs.	43,57,950/-
2. Expenditure	...	Rs.	5,75,03,265/-
3. Amount spent on Zoo	...	Rs.	60,17,851/-
4. Expenditure on New Works and Special Repairs	-- New Works -- Special Repairs	...	Rs. 28,82,769/- Rs. 63,09,778/-

5. Recreational activities added during the year 1992-93.

	Total for the year 1991-92	City	Western Suburbs	Eastern Suburbs	Total for the year 1992-93
1) Gardens (41 footpath Stips included)	315	1 Increased	1 Increase	Nil	317
2) Playgrounds	189	2 Increased	3 --	6 Increased	200
3) Fountains	74	1 --	Nil	Nil	75
4) Band Stands	9	Nil	Nil	Nil	9
5) Traffic Islands	210	6 Increased	5 Increase	1 Increased	222
6) Nurseries	18	Nil	Nil	Nil	18
7) Plant Sale Counters	9 Nos.	10 Nos.	Nil	6 Nos.	25 Nos.
8) Statues	19 Nos.	Nil	Nil	Nil	19 Nos.
9) Trees Planted	14784 Nos.	973 Nos.	3600 Nos.	3459 Nos.	22816 Nos.
10) Plants distributed at nominal rate of Re. 1/-	74998 Nos.	3320 Nos.	24958 Nos.	7508 Nos.	110784 Nos.

Veer mata Jijabai Bhosale Udyan which is centrally located has remained one of the best attraction to the visitors as it was in the past. Joy rides, shedy tress and modern play apparatus installed in the garden have proved attractions for the children.

Zoo :

During the year under report, the following projects have been completed :-

- Redesigning of Monkey Cage to provide maximum space, the work has been completed and the new enclosure has been inaugurated by releasing the monkeys at the hands of the Mayor of Mumbai.
- Redesigning of Aquatic Birds Enclosure - The work has been completed. The New constructed enclosure is spacious, huge and a unique structure and is focal attraction to the visitors. This cage also has been inaugurated and open to the visitors by releasing the birds thereat the hands of Mayor of Mumbai, Municipal Commissioner, Chairman of Markets and Gardens Committee.
- Redesigning and reconstruction of Zoo Hospital Dispensary.
The following works are yet under process :-
 - Expansion of Bear cage with dry moat.
 - Construction of spacious enclosure for small carnivorous animals.

PROCUREMENT OF ANIMALS/BIRDS :

- 1) 10 pairs of Love birds, one pair of Wild Board, 2 Hyenas, 2 Leopards were added to the V. J. B. Udyan-Zoo.
- 2) By way of exchange of animals with Zoo to Zoo, we have completed the exchange deals with Delhi Zoo, wherein we have collected a pair of Himalayan Black Bear for our Zoo. Further, exchange deal with Trivendrum Zoo is completed in which we have collected three Hog Deers and one Lion Tailed Monkey on exchange basis.

During the year under report following animals/birds are bred in the Zoo :--

1) Leopards	3 Nos.
2) Saras Crane	2 Nos.
3) Hippopotamus	1 No.
4) Sambar Deer	6 Nos.
5) Spotted Deer	6 Nos.
6) Grey Peacock Pheasant	2 Nos.
7) Painted Storks	4 Nos.

Recreation Activities :

During the year under report, 2 gardens, 11 play grounds, 12 traffic islands are added. The existing gardens and playgrounds in the City, Eastern and Western Suburbs having beautiful tress, shrubs, green lawn and flower beds were maintained properly.

75 fountains were run through Greater Mumbai during the year under report. The fountains with multi-coloured lights provided at Madhu Park, Nandadeep Garden, Kasturba Chowk, Horniman Circle, Acharya, Udyan, Dr. Ambedkar Udyan, Subhash Chandra Bose Udyan are other attraction of Mumbai City.

During the year 1992-93, 22,816 trees were planted in Mumbai by this department. As a part of "grow more trees" campaign, 35,786 plants were distributed during the monsoon season to the public at the nominal rate at Re. 1/- per plant. At present, approximately, 1,50,831/- trees are existing in City of Mumbai.

Sig./-

Supdt. of Gardens I/c.

DR. BHAU DAJI LAD MUSEUM
ADMINISTRATION REPORT
1992-1993

The Museum founded in 1855 and known as the Victoria and Albert Museum, was handed over to the Corporation by the Bombay Government in 1985. On 1st November 1975 it was renamed as Dr. Bhau Daji Lad Museum.

The exhibits in the Museum are classified into different sections such as Agriculture and village life, Arms, Cottage Industries, Ethnology, Fine Arts, Numismatics, Geology and Old Bombay History. The Reference Library of the Museum contains books on Art, Archaeology, History, Old Bombay etc. and most importantly eighteen volumes of specimens of old, Indian Textiles that are available for reference on request.

Paintings on Old Bombay have been purchased during the year, from Shri Anil Naik and Shri Chandrakant Chavan, for exhibiting in the painting section of the Museum.

It was decided to print a set of post cards, and greeting cards, having coloured photographs of master pieces in the museum. Accordingly, 1 Lakh post cards and 80,000/- greeting cards have been got printed.

Dr. Bhau Daji Lad Museum is being developed on the lines of the 'City Museum' and hence, in order to encourage the artistic sense in the children of Bombay, it is decided to establish the Child Art Gallery in Dr. Bhau Daji Lad Museum. Accordingly, the material and equipments required for establishing the Child Art Gallery has been purchased in the month of March-1993 and actual work of establishing the gallery has been started.

The reference library of the museum has been centralised and shifted on the first floor of the museum. Efforts were also made to enrich the reference library of the museum by purchasing books on various subjects. special efforts have been made to provide required information and reference books efficiently to visitors, scholars, & students, visiting the library for reference work.

Water proofing work of the terrace of museum building was completed during the year 1992-1993.

During the year under reference approx. 4,38,309 visitors have visited the museum. The revenue of Rs. 3,59,378/- was earned by way of sale of tickets, museum guides, and fees for taking photographs etc. The expenditure incurred during the year 1992-1993 was approx. Rs. 11,89,700/-.

CURATOR I/C
DR. BHAU DAJI LAD MUSEUM.

MUNICIPAL SWIMMING POOLS

All the Municipal Swimming Pools in Greater Bombay viz., Mahatma Gandhi Memorial Olympic Swimming Pool at Dādār, Nirlon Olympic Municipal Swimming Pool at Goregaon, Ghatkopar Lions Municipal Swimming Pool at Ghatkopar, Sardar Vallabhbhai Patel Swimming Pool at Kandivali were fully utilised by the public during the year under report. The number of casual swimmers and the regular members are on the increase scale from year to year. Concessional facilities for the schools were adequately utilised by schools.

40th Anniversary of M. G. M. O. Swimming Pool was observed on 27th April 1992 by holding Swimming Competitions among the members of all Municipal Swimming Pools.

Age Group National Competitions were held at Trivendrum in July 92 and 4 members participated in the competition. Sr. National was held at Bhopal in September 92 and 1 member participated in it.

FINANCIAL

Swimming Pool	Income Rs.	Expenditure Rs.	Remarks
1. M.G.M.O.S. Pool, Dadar	33,05,283.63	20,37,426.60	
2. N.O.M.S. Pool, Goregaon.	9,37,762.00	12,40,535.00	
4. G.S. Pool, Ghatkopar	12,24,476.29	13,64,235.24	
3. S.V.P.S. Pool, Kandivali	15,08,075.22	10,92,527.00	

The expenditure in respect of M.G.M.O. Swimming Pool shown above is exclusive of following charges :-

1. Establishment cost of Security Guards-Rs. 1,92,000/- (Approx.).
2. Charges for the supply of chlorine cylinders -- Rs. 72,000/- (Approx.)
3. Service charges for the services rendered by—
 - i) Municipal Analyst.
 - ii) A.E. Water Works (Maint.)
 - iii) A.H.S.G/North
 - iv) P.C.O.G/North

SWIMMERS

Swimming Pool	New Adm.	Casual Swimmers	School children	No of Institution	Private reservations
1. M.G.M.O.S. Pool, Dadar,	6464	3439	3147	6	30 814 Hours Amt. Rs. 2,53,080/-
2. N.O.M.S. Pool, Goregaon.	1889	22869	413	4	711 Hours Amt. Rs. 1,14,300/-
3. G. S. Pool, Ghatkopar.	-	-	-	-	-
4. S.V.P.S. Pool, Kandivali.	2127	27243	673	8	Amt. Rs. 1,93,830/-

O. S.,
M.G.M.O. Swimming Pool.

RAJA DR. BALDEV DAS BIRLA KREEDA KENDRA
ADMINISTRATION REPORT FOR THE YEAR
1992-93.

Raja Dr. Baldevdas Birla Kreeda Kendra has a Multipurpose auditorium fully air-conditioned and equipped with normal electrical accessories viz., flood lights, spot lights, full set of loud speakers with five mikes etc., required for staging drama or musical concerts. The Auditorium has a seating capacity with 625 push back type chairs. The auditorium is rented to various organisations and individuals for staging dramas, entertainments, social functions, meetings etc.

Children Hall, Art Gallery and Boat House are also rented for drama rehearsal, meeting and exhibition.

Municipal Departments also arrange their programmes at Birla Kreeda Kendra. These included :-

- a. Inter Departmental Dramatic Competition organised by Labour Department.
- b. Sports and Guide Meetings of Education Department.
- c. prize distribution functions of Education Department and Health Department.
- d. Mayor's Award and other functions arranged by Municipal Secretary, Public Relation Department, Hospital and Medical Colleges.
- e. Farewell functions in honour of staff.
- f. Gathering and other functions of Municipal Medical Colleges and Hospitals and various Departments.

Birla Kreeda Kendra has a first grade Restaurant in its premises. It is open to the audience as well as to the public. Terrace Garden is visited by the public for sight seeing. The garden is also rented for marriage reception, lunches and dinners.

During the year under report the Auditorium, Boat House, Children Hall, Art Gallery and Terrace Garden were booked as under :-

- | | | |
|--|---|--|
| 1. Auditorium | : | 555 Sessions. |
| 2. Boat House | : | 607 Sessions. |
| 3. Children Hall | : | Possession of Children Hall & Art Gallery have been given to Job Evaluation Office w.e. from 22.1.1990 & 29.1.1991 respectively. |
| 4. Art Gallery | : | 198 Sessions. |
| 5. Garden for Parties, Reception, etc. | : | 283 Sessions. |

An amount of Rs. 12,76,303.50 was collected by way of revenue and an amount of Rs. 8,84,413.00 was expended on salary of staff and other items of maintenance.

Manager,
Birla Kreeda Kendra.

**MUNICIPAL CORPORATION OF GREATER BOMBAY
CIVIC TRAINING INSTITUTE AND RESEARCH CENTRE
No. DIR/3350/CTI & RC OF
ADMINISTRATION REPORT
OF
CIVIC TRAINING INSTITUTE AND RESEARCH CENTRE
FOR
1992-93**

- | | | | |
|---|---|-------|--------------|
| 1. Training Programmes conducted in Administrative, Technical, Financial & General Management areas. | : | 395 | Nos. |
| 2. Classroom utilization : | | | |
| Target | : | 2304 | Sessions |
| Actually conducted. | : | 2169 | Sessions |
| Achievement. | : | 5.86% | below target |
| 3. Seminars/Workshops conducted on different topics. | : | 5 | Nos. |
| 4. Project Studies carried out | : | 199 | Nos. |
| 5. Shri D. J. Vyas, Chief Engineer (C.T.I. & R.C.) and Shri S. G. Joshi, Chief Engineer (C. T. I. & R.C.) headed the Civic Training Institute And Research Centre, from 1st April, 1992 to 30th November 1992 and 1st December, 1992 to 31st March, 1993, respectively. | | | |
| 6. Training Activities : | | | |

The Institute Organised training programme in Administrative Management, Financial Management, General Management, Management Techniques, Job Training And Induction Training for employees of various departments of the Municipal Corporation through out the year. 395 training programmes were organised and about 5427 employees were imparted training during this year.

The C.T.I. & R. C. also organised and conducted the Seminars/Workshops on the following topics :

1. Seminar on Delegation of Powers to A. Es., S. Es., J. Es., in the Ward.
2. Seminar on Ferrocement Technology.
3. Workshop on one Window Renewal System.
4. Seminar on Medi-claim policy.
5. Seminar on Management of Educational Institutions And working of B. M. C. Besides above training programmes, C. T. I. & R. C. also organised and conducted National Refresher Course on :--
 - i) Sewer Cleaning & Maintenance,
 - ii) Cathodic Protection,
 - iii) Chlorination & Chlorinators,
 - iv) Pipes & Conduits.

at the instances and with the financial assistance of Urban Development, Government of India, New Delhi.

7. System Studies :

System studies including staff proposals are carried out to bring about improvement in the work methods adopted by the various departments of the Corporation to suggest ways and means of utilising available resources effectively through the application of Management Techniques.

In all, 199 studies were completed.

8. Central Library :

Library facilities were provided at the C.T.I. & R. C. Campus for benefit of the trainees and faculties of the C.T.I. & R.C., and staff of the Corporation :

A i) Number of new members enrolled in the Central Library during the year 1992-93.	--	33
ii) Total members	--	652
B i) Number of new books purchased during the year 1992-93.	--	68
ii) Total number of books in Library	--	4733

9. Budget Information :

A – Expenditure :

1. Expenditure on Establishment : Rs. 42,06,715
2. Expenditure on other heads : Rs. 12,29,078
3. Revenue : Rs. 34,310

**CHIEF ENGINEER,
(C.T.I. & R.C.).**

**FUNCTIONS OF THE DEPARTMENT OF
WARD OFFICER (REMOVAL OF ENCROACHMENT)**

This office has to provide all assistance like staff, vehicles and labourers for assisting demolition actions, removal of unauthorised hawkers, removal of storages from roads, removal of stray cattles and to organise mass demolition actions in Greater Bombay.

**Details of the important mass demolitions
carried out by this office during the year
1992-93**

Total 50,764 demolitions were carried out by the department of ward Officer (Removal of Encroachment) for the period from 1st April 1992 to 31st march 1993.

W.O. (R.E.)