

LOKMANYA TILAK COLLEGE OF ENGINEERING

Sector-4, Plot No.17 & 18 Koparkhairane,

Navi Mumbai-400 709.

Mandatory Disclosure by Institutions running AICTE approved Engineering/Technology/Pharmacy programmes to be included in their respective Information Brochure, displayed on their website and to be submitted to AICTE every year latest by 30th April together with its URL

The following information is to be given in the Information Brochure besides being hosted on the Institution's official Website.

“The information has been provided by the concerned institution and the onus of authenticity lies with the institution and not on AICTE.”

I. NAME OF THE INSTITUTION :LOKMANYA TILAK COLLEGE OF ENGINEERING

➤ Address : Plot No.17 & 18, Sector-4, Vikas Nagar,
: Koparkhairane, Navi Mumbai – 400 709.
: Phone No: 022-27541005 / 27541006
: Fax No. 27547793
: E-Mail: Principal @ ltcoe.com

II. NAME & ADDRESS OF THE PRINCIPAL: Dr. Chelpa Lingam, Principal

Address :.LOKMANYA TILAK COLLEGE OF ENGINEERING,
: Plot No.17 & 18, Sector-4, Vikas Nagar,
: Koparkhairane,
: Navi Mumbai – 400 709.
Phone No : 022-27541005 / 27541006
Fax No. : 27547793
E-Mail : Principal @ ltcoe.com

III NAME OF THE AFFILIATING UNIVERSITY

: Mumbai University,
: Rajabai Tower, Next to Mumbai High Court.
: Fort, Mumbai - 400 032

IV. GOVERNANCE

❖ **Members of the Board and their brief background**

| S.N. | Name & Address of the Members | Designation | Qualification |
|-------------|--|--------------------|--|
| 01 | Shri Satish Jhaulal Chaturvedi, | Chairman | M.A.(Political Sc.) M.A.(History) M.A.(Hindi Literature) L.L.B. |
| 02 | Smt. Abha Satish Chaturvedi, | Secretary | B.A. |
| 03 | Shri Girish Jhaulal Choube, | Member | B.A., L.L.B. |
| 04 | Shri Ajay Kumar T. Choube, | Member | B.Sc. |
| 05 | Shri Ramkrishna N. Phender, | Member | M.A. |
| 06 | Smt. Pallavi S. Chaturvedi, | Member | B.Com. |
| 07 | Smt. Abha Ajay Choube, | Member | B.A. |
| 08 | Smt. Sharad Upendranath Pande, | Member | B.A, |
| 09 | Shri Dushyant Satish Chaturvedi, | Member | B.Com. |
| 10 | Shri Samir Satish Chaturvedi, | Member | B.Com. |

❖ **Members of Academic Advisory Body**

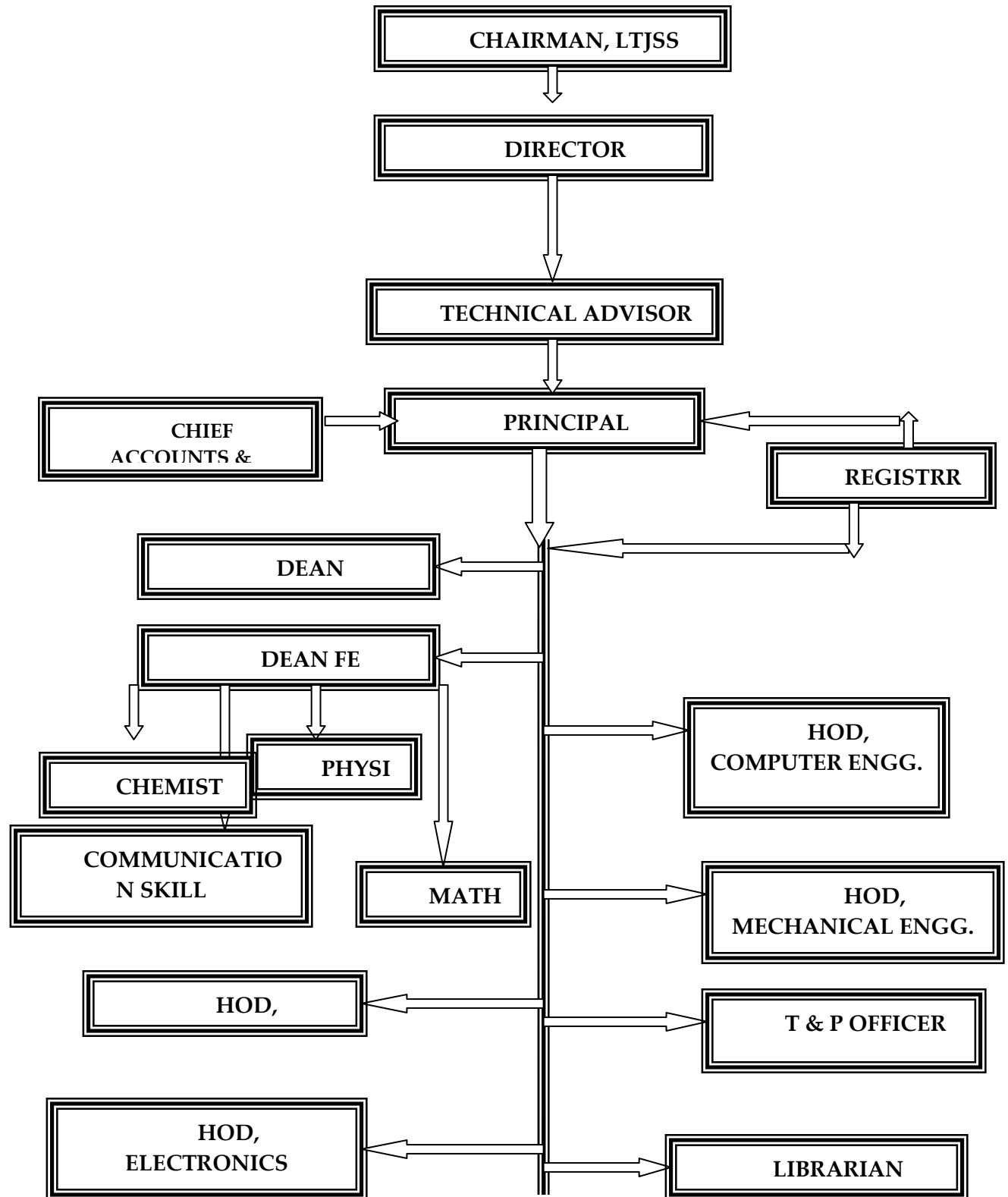
| S.N. | NAME OF MEMBER | DESIGNATION |
|-------------|----------------------------|------------------------------|
| 1. | Mr. Dushyant S. Chaturvedi | Director (Governing Body) |

| | | |
|-----|---|--------------------------------|
| | | |
| 2. | Mr. S.N.Bagchi | Director |
| 3. | Dr. Chelpa Lingam | Principal |
| 4. | Dr. Sunnapwar Vivek | Dean - Academic-higher classes |
| 5. | Dr. (Ms.) S.S. Abhyankar | Dean FE (Academics) |
| 6. | Mr. A.V.Nadkarni Oil & Gas and special projects, L&T Ltd., Mumbai – 400 051 | Representative : Industries |
| 7. | Mr. Yeshwant P. Rao, CCL Optoelectronics Pvt.Ltd., Navi Mumbai – 400 710 | Representative :Entrepreneurs |
| 8. | Dr. Amar Nath Dean (Students) & Prof., Mech.Engg., IIT, Mumbai | Representative : Academia |
| 9. | Mr. Tejas Dhanorkar | B.E.Student (Comp) |
| 10. | Mr. Pawankumar Prabhu | B.E. Student (Etrx.) |
| 11. | Mr. Gupta Vijendra | B.E. Student (Mech) |

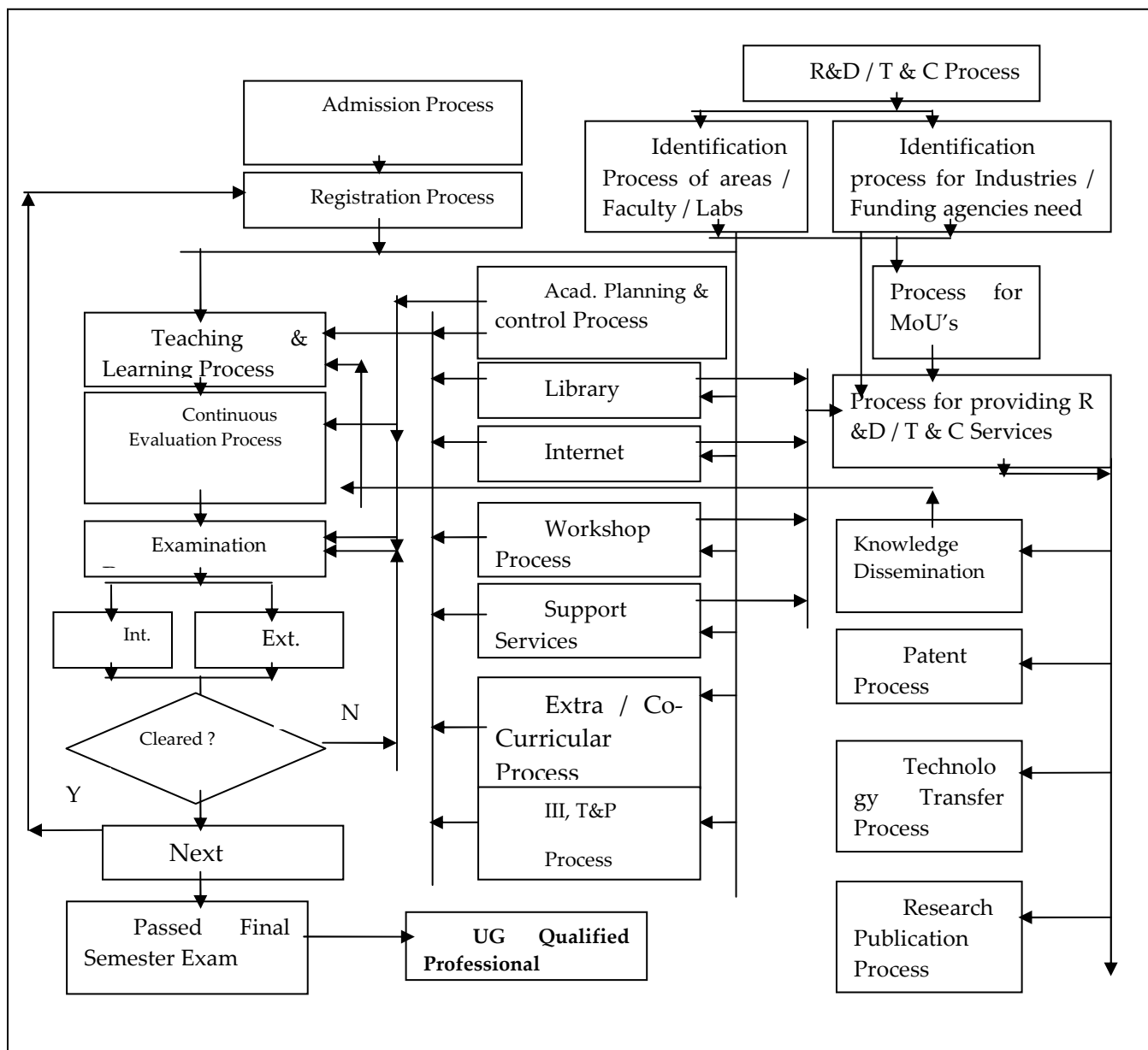
❖ Frequency of the Board Meetings and Academic Advisory Body :

Board Meeting :- Monthly or as per the urgency

Academic Advisory Body :- Twice in a year.



Processes & Their Interaction



- ❖ Nature and Extent of involvement of faculty and students in academic affairs/improvements: The faculty takes active part in academic planning, preparation of time table etc. There are class advisors for each class, thus students are attached to a teacher. There is a students' council comprising of the elected representatives. The representation is from academic, cultural and social (NSS) sections.
- ❖ Mechanism/Norms & Procedure for democratic/good Governance: The suggestions/innovative ideas of students and staff are sought and taken into consideration in the process of decision making at institutional level. The faculty is empowered to implement their ideas/proposals. There is a regular formal interaction of staff with heads of departments through regular meetings.
- ❖ Student Feedback on Institutional Governance/faculty performance: The feedback mechanism is in existence. Students' feedback is obtained twice a year.
- ❖ Grievance redressal mechanism for faculty, staff and students: Such a mechanism is present in informal way and very soon it will be formalized.

V. PROGRAMMES

- ❖ Name of the Programmes approved by the AICTE: List provided below
- ❖ Name of the Programmes accredited by the AICTE: **NIL**
- ❖ For each Programme the following details are to be given:

| Sr. No. | Name of the course | No. of seats | Duration | Cut off mark/rank for admission during the last three years | | | Fee |
|---------|---------------------------------|--------------|----------|---|---------|---------|------------|
| | | | | 2007-08 | 2006-07 | 2005-06 | |
| 1 | Computer | 120 | 4 Yrs. | 153 | 162 | 276 | Rs.61970/- |
| 2 | Electrical | 60 | 4 Yrs. | 136 | 140 | 282 | Rs.61970/- |
| 3 | Electronics | 60 | 4 Yrs. | 144 | 147 | 252 | Rs.61970/- |
| 4 | Electronics & Telecom. | 60 | 4 Yrs. | 153 | 169 | 272 | Rs.61970/- |
| 5 | Mechanical | 120 | 4 Yrs. | 155 | 154 | 282 | Rs.61970/- |
| 6 | M.E. Manufacturing Systems Engg | 18 | 2 Yrs | | | | Rs.62500/- |

- Placement Facilities: There is a full fledged training & placement cell established in the institute, which is headed by a regular T&P officer.
- Campus placement in last three years with minimum salary, maximum salary and average salary:

| Year | No. of students placed | Max.salary | Min.salary | Avg.salary |
|-----------|------------------------|---------------------|---------------------------|----------------------------|
| 2007-2008 | 131 | 26,000/- | 18,000/- | 22,000/- |
| 2006-2007 | 70 | 22,500/- | 12,500/- | 17,500/- |
| 2005-2006 | 37 | Rs.20,000/- (Appx.) | Rs.8,000/- to Rs.10,000/- | Rs.14,000/- to Rs.15,000/- |

- ❖ Name and duration of programme(s) having affiliation/collaboration with Foreign University(s)/Institution(s) and being run in the same Campus along with status of their AICTE approval. If there is foreign collaboration, give the following details: **NOT APPLICABLE**

Details of the Foreign Institution/University:

- Name of the University/Institution
- Address
- Website
- Is the Institution/University Accredited in its Home Country
- Ranking of the Institution/University in the Home Country
- Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country.
- Nature of Collaboration
- Conditions of Collaboration
- Complete details of payment a student has to make to get the full benefit of collaboration.

❖ For each Collaborative/affiliated Programme give the following : **Not Applicable**

- Programme Focus
- Number of seats
- Admission Procedure
- Fee
- Placement Facility
- Placement Records for last three years with minimum salary, maximum salary and average salary

❖ Whether the Collaborative Programme is approved by AICTE? If not whether the Domestic/Foreign Institution has applied to AICTE for approval as required under notification no. 37-3/Legal/2005 dated 16th May, 2005 : **Not Applicable**

- FACULTY

- **Permanent Faculty: Student Ratio**

| Criteria | Faculty : Student Ratio |
|--|-------------------------|
| Against sanctioned intake (1560) & considering permanent faculty (83) | 1: 18.35 |
| Against sanctioned intake (1560) & considering total faculty (Per+adhoc=103) | 1: 14.44 |

❖ **Number of faculty employed and left during the last three years**

| Academic Year | No. of staff employed | No. of staff Left |
|---------------|-----------------------|-------------------|
| 2005-2006 | 20 | 14 |
| 2006-2007 | 15 | 01 |
| 2007-2008 | 14 | 01 |

VII. PROFILE OF DIRECTOR/PRINCIPAL WITH QUALIFICATIONS, TOTAL EXPERIENCE, AGE AND DURATION OF EMPLOYMENT AT THE INSTITUTE CONCERNED



For each Faculty give a page covering

1. **Name: Dr. Chelva Lingam**
2. Date of Birth: Mon 02 Nov 1953

3. Educational Qualification

Ph. D. in Systems Engineering, IIT, Delhi, 1989.

M.Tech. in Systems and Control Engineering, IIT, Bombay, 1980

B.E. in Electrical Engineering, Bangalore University, 1978

[Distinction

Work Experience

Teaching

Lecturer, National Institute Of Industrial Engineering [June 1989 to Jan 1993]
[3.5 Years]

Principal, Pillai's Institute of Information Technology, Engineering, Media
Studies and Research [Oct 2001 – To June 2004] [2Years 8 Months]

Principal, Lokmanya Tilak College of Engineering [July 2004 to Date]

➤ **Research:**

- Senior Research Assistant, Indian Institute Of Technology, Delhi [July 1984 to
June 1989] [5 Years]

Junior Research Assistant, Indian Institute Of Technology, Mumbai [September
1980 - July 1984] [3.5+ Years]

- **Industry:** Principal Consultant, Luence Consulting (I) Pvt. Ltd., [Jan 2000 - Sep
2001] [1 Year 8 months]

- Vice President Technology, Infobricks Technologies India Pvt. Ltd., [Jan 1999 –
Feb 2000] [1 Year]

Deputy General Manager, Silverline Industries Limited [Feb 1993 – Dec 1998]
[5 years 11 Months]Others

Area of Specializations C, C++, Java, OOPs, OOAD, Computer Architecture and
Organization, Software Engineering, Artificial Intelligence, MIS, Robotics

Subjects teaching at Under Graduate Level C, C++, Java, OOPs, OOAD,
Computer Architecture and Organization, Software Engineering, Artificial
Intelligence

Post Graduate Level , OOAD, Software Engineering, Artificial Intelligence,
SSAD, MIS, Robotics Research guidance

- Masters's Students of Post Graduate Diploma in Industrial Engineering, NITIE.

- Students of MBA from Indira Gandhi Open University

- Students of MS degree from University of Illinois, Urbana Champaign, USA
- Ph.D.: Examiner for Ph. D. thesis for Amravati University
- No. of papers published in
 - National Journals: 03
 - International Journals: Nil
 - Conferences: 03
- Projects Carried out
 - Development of optimal road routes for the District of Karbi Anglong, Assam
 - Strategy and Long term Action plan of computerization for Cochin Refineries Limited, Kerala.
 - Design and development of LAN for Madras Refineries
 - Intelligent Health Monitoring Systems for the Point Machines jointly with Konkan Railway Corporation.
- Patents: Nil
- Technology Transfer: Nil
- Research Publications: Nil
- No. of Books published with details: Nil

VIII. FEE

- ❖ Details of fee, as approved by State fee Committee, for the Institution.
Tuition Fees : 54,970/- declared by Shikshan Shukla Samiti.
- ❖ Time schedule for payment of fee for the entire programme.

For Second Year, Third Year, and Final Year students paying their fees every year in the month of July and First Year and Second Year (Direct) paying their fees every year in the month of August.

- ❖ No. of Fee waivers granted with amount and name of students.
Those students admitted under backward class category through CAP round are eligible for obtaining waiver in the tuition fees.
Management also waives the Tuition fees of those students who are economically / financially weak.
- ❖ Number of scholarship offered by the institute, duration and amount
Institute offers only few scholarships at the final year examination.
- ❖ Criteria for fee waivers/scholarship.
Institute offered scholarship to these students who top in University examination in the final year.
- ❖ Estimated cost of Boarding and Lodging in Hostels.
Institute doesn't provide hostel facility to the students.

IX. ADMISSION

- ❖ Number of seats sanctioned with the year of approval.

| Courses | AICTE approval | Sanctioned intake |
|---|--|--------------------------|
| Computer | F No.740/89-295(E)/RC/94 dtd 26/06/2006 | 120 |
| Mechanical | F No.740/89-295(E)/RC/94 dtd 26/06/2006 | 120 |
| Electronics | F-No. 742/89-4/RC/94/ dtd 26/07/94 | 60 |
| Electrical | F.740-89-295(E)/RC/94 dated 03/8/1995 | 60 |
| Electronics & Telecom. | F.No.740-89-295(E)/RC/94 dtd.22/06/2001 | 60 |
| M.E. Manufacturing Systems Engg (Mechanical Engg.) | 740-89—295(E0/RC/94 dtd.26/08/2006 | 18 |
| Master of Computer Application(MCA) | 740-89-29(E)/RC/94 dt.30/06/2008 | 60 |
| TOTAL | | 498 |

Number of students admitted under various categories each year in the last three years.

| YEAR | SC | ST | NT | DT | SBC | OBC | OPEN |
|-------------|-----------|-----------|-----------|-----------|------------|------------|-------------|
| 2005-2006 | 10 | - | 03 | - | - | 07 | 300 |
| 2006-2007 | 08 | - | 05 | - | - | 03 | 403 |
| 2007-2008 | 31 | - | 06 | - | 02 | 20 | 350 |

- ❖ Number of applications received during last two years for admission under Management Quota and number admitted.

| YEAR | NO OF APPLICATION RECEIVED |
|-------------|-----------------------------------|
| 2006-2007 | 310 |
| 2007-2008 | 280 |

X. ADMISSION PROCEDURE

- ❖ Mention the admission test being followed, name and address of the Test Agency and its URL (website). MH-CET, Directorate of Technical Education, Govt. of Maharashtra, Mumbai, www.dte.org.in
- ❖ Number of seats allotted to different Test Qualified candidates separately [AIEEE/CET (State conducted test/University tests)/Association conducted test]: Total seats – 360, AIEEE (15 %) - , CET (85 %) – 357

Calendar for admission against management/vacant seats:

- Last date for request for applications. **13/08/2008to 17/08/2008**
 - Last date for submission of application. **13/08/2008to 17/08/2008**
 - Dates for announcing final results. **20/08/2008**
 - Release of admission list (main list and waiting list should be announced on the same day) **22/08/2008**
 - The policy of refund of the fee, in case of withdrawal, should be clearly notified: As per the DTE admission rules.
- **These are tentative dates, they may change as per directives of DTE**

XI. CRITERIA AND WEIGHTAGES FOR ADMISSION

- ❖ Describe each criteria with its respective weightages i.e. Admission Test, marks in qualifying examination etc.: Candidate should have appeared / passed the HSC (Std. XII) examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Chemistry & Mathematics and secured minimum 50 % marks i.e. 150 marks out of 300 marks (45% marks i.e. 135 marks out of 300 marks for backward class category candidates from Maharashtra) in the Subjects Physics, Chemistry and Mathematics added

together. The admission process will be as per the decision of the Govt. of Maharashtra

- ❖ Mention the minimum level of acceptance, if any: The aspiring candidate should have scored minimum 50 % marks in PCM (Phy., Chem. & Maths) group at 10+2.
- ❖ Mention the cut-off levels of percentage & percentile scores of the candidates in the admission test for the last three years. : .

| Year | Computer | Electrical | Electronics | Electronics & Telcomm | Mechanical |
|-----------|----------|------------|-------------|-----------------------|------------|
| 2005-2006 | 162 | 140 | 147 | 169 | 154 |
| 2006-2007 | 156 | 133 | 147 | 161 | 153 |
| 2007-2008 | 153 | 136 | 144 | 153 | 155 |

- ❖ Display marks scored in Test etc. and in aggregate for all candidates who were admitted.

Item No I - XI must be given in information brochure and must be hosted as fixed content in the website of the Institution.

The Website must be dynamically updated with regard to XII–XV.

XII. APPLICATION FORM – SPECIMEN COPY ENCLOSED.

- ❖ Downloadable application form, with online submission possibilities.
Form will be available on website as per the admission calendar.

XIII. LIST OF APPLICANTS

- ❖ List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidates who have applied along with percentage and percentile score for Management quota seats. **Refer Enclosure No.I**

XIV. RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS

- ❖ Composition of selection team for admission under Management Quota with the brief profiles of members (This information be made available in the public domain after the admission process is over)

XIV. RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS

- ❖ Composition of selection team for admission under Management Quota with the brief profiles of members (This information be made available in the public domain after the admission process is over)

| Sr. No. | Name of the person | Designation |
|---------|---------------------------|---------------|
| 1. | Shri. Dushyant Chaturvedi | Director |
| 2. | Dr. Chelpa Lingam | Principal |
| 3. | Ms. I.K. Singh | CAFO |
| 4. | Mr. Anil S. Yadav | I/c.Registrar |

- ❖ Score of the individual candidates admitted arranged in order of merit.
Refer Enclosure No. I
- ❖ List of candidates who have been offered admission.
Refer Enclosure No. I
- ❖ Waiting list of the candidates in order of merit to be operative from the last date of joining of the first list candidates.
Refer Enclosure No. I
- ❖ List of the candidates who joined within the date, vacancy position in each category before operation of waiting list.
Refer Enclosure No. I

**XV. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE
LIBRARY:**

- Number of Library books/Titles/Journals available (programme-wise)

| S. No. | Courses | Number of titles of the books | Number of Volumes | Journals | |
|--------|-----------------|-------------------------------|-------------------|-----------|--|
| | | | | National | International |
| 1 | Computer | 1784 | 4239 | 11 | Subscription IEEE online database and ASME online database through INDEST consortium |
| 2 | Electrical | 515 | 1614 | 10 | |
| 3 | Electronics | 1120 | 2943 | 11 | |
| 4 | Elect & Telecom | 481 | 1536 | 5 | |
| 5 | Mechanical | 1241 | 3559 | 13 | |
| 6 | Mathematics | 444 | 1457 | 26 | |
| 7 | Physics | 166 | 497 | | |
| 8 | Chemistry | 118 | 514 | | |
| 9 | Comm. Skills | 174 | 621 | | |
| 10 | Management | 420 | 787 | | |
| 11 | General | 457 | 567 | | |
| | Total | 6920 | 19653 | 55 | --- |

- List of online National/International Journals subscribed. **NIL, But the institute is a member of IIT Library, there online search is available.**
- E-Library facilities : * Subscription of **DELNET**
* **Library automation through SOUL software**
* **Bar code facility is also available.**
Establishment Multimedia section is in process.

- LABORATORY:** For each Laboratory
 ➤ List of Major Equipment/Facilities

| Name of the course | Name of the Laboratory / Workshop | MAJOR EQUIPMENTS AVAILABLE |
|--------------------|------------------------------------|---|
| Electronics | Electronics Lab | S/W Orcad P-Spice |
| | Microprocessor & Computer Lab | H/W ADSP Kit, LCD Projector, SPI Microcontroller Kits, Universal Programmer |
| | | S/W Active HDL 6.1, , Cross C Compiler , Design Entry Simulation & Synthesis Tools |
| | Electronic Instrumentation Lab | PLC (02), CRO Demonstration Kit, Digital Storage Oscilloscope (20 MHz), Data Acquisition System Demonstrator, Microprocessor Based Integrated Thyristor Controller, Inverter Using SCR (Parallel) |
| | EDA, Research & Development Lab | High End Server, Matlab S/W (05 Users), Simulink S/W (05 Users), Signal Processing S/W Toolbox (05 Users), Wavelet Toolbox, IP Toolbox, Communication Toolbox, Filter Design Toolbox |
| | Electronics Workshop & Project Lab | S/W Microwind, Multisim H/W Linear cum Digital IC Tester |
| | PCB Lab | PCB Design & Development Lab Tools & Equipments |
| ETRX | HOD Cabin | OHP 3000 ANSI lumen Twin Lamp |
| ETRX | Instrumentation Lab | AC Servo Motor for speed torque Characteristics Demonstrator |
| ETRX | Instrumentation Lab | Stepper Motor Demonstrator |
| ETRX | Instrumentation Lab | Bode Plot Demonstrator |
| ETRX | Instrumentation Lab | Characterstics of IGBT |
| ETRX | Instrumentation Lab | Characterstics of SCR |
| ETRX | Instrumentation Lab | Characterstics of TRIAC |
| ETRX | Instrumentation Lab | Characterstics of DIAC |
| ETRX | Instrumentation Lab | Data Acquisition dc position servo System demonstrator |

| | | |
|------|---------------------|--|
| ETRX | Instrumentation Lab | SCR Triggering circuit using IC TCA 785 |
| ETRX | Instrumentation Lab | Firing Scheme for 1 phase supply using a) Ramp comparator approach |
| ETRX | Instrumentation Lab | John's Chopper |
| ETRX | Instrumentation Lab | Measurement of distance using ultrasonic transducer |
| ETRX | Instrumentation Lab | Measurement of distance Force using transducers |
| ETRX | Instrumentation Lab | Microprocessor Based Integrated Thyristor Controller |
| ETRX | Instrumentation Lab | DC position Servo System Demonstrator |
| ETRX | Instrumentation Lab | Inverter using SCR (Parallel) |
| ETRX | Microprocessor lab | 8085 Microprocessor Kit |
| ETRX | Microprocessor lab | Doppler Radar Training Kit |
| ETRX | Microprocessor lab | OHP Tabel Model BRAUM-285 delux |
| ETRX | PCB Lab | PCB Design Facility |
| ETRX | PCB Lab | PCB Drafting Aids kit |
| ETRX | PCB Lab | ARTWORK Table |
| ETRX | PCB Lab | Chemicals for above machines |
| ETRX | PCB Lab | Protocontact PCB Artwork Film Maker |
| ETRX | PCB Lab | Protodrill 3000 PCB drilling Machine |
| ETRX | PCB Lab | Prototech PCB Etching Machine |
| ETRX | PCB Lab | Roller Tinning Machine- RTM 10 |
| ETRX | PCB Lab | Slash - 300 PCB Shering Machine |
| ETRX | PCB Lab | Double Sided PCB exposure Unit |
| ETRX | Workshop Lab | TSM320C6713 DSP Starter Kit |

| | | |
|------|--------------|---------------------------------|
| ETRX | Workshop Lab | OPAMP Starter Kit |
| ETRX | Workshop Lab | Robotic Arm Trainer Kit |
| ETRX | Workshop Lab | OHP Tabel Model BRAUM-285 delux |

| Name of the course | Name of the Laboratory / Workshop | MAJOR EQUIPMENTS AVAILABLE |
|---|-----------------------------------|--|
| <i>Electronics & Telecommunication Engg</i> | Antenna & Wave Propagation Lab | Satellite Communication Trainer (03 Kits), Antenna Trainer, TV Trainer |
| | Microwave & Fiber Optics Lab | Microwave Bench, Fiber Optics Training Lab (03 Kits), CDMA Kit, GPS Trainer, GSM Trainer, Advance Fiber optics Trainer |
| | Basic Communication lab | Analog Communication Trainer Kits, Digital Communication Trainer Kits |
| | Analog And Digital IC Lab | CPLD Trainer Kits, FPGA Trainer Kits |
| | Digital Communication Lab | H/W Digital Storage Oscilloscope, Eye Diagram using Oscilloscope, Minimum Shift Keying Trainer, Error Measurement Trainer, QAM Trainer. S/W COMMSIM 7 |

| Name of the course | Name of the Laboratory / Workshop | MAJOR EQUIPMENTS AVAILABLE |
|-----------------------------|-----------------------------------|----------------------------|
| Computer Engineering | Software Engineering | Mobile Computing Setup |
| | Internet Lab | |

| | | |
|--|--|---|
| | Project Lab | |
| | Image Processing & Artificial Intelligence | Six axis Robotic unit with intelligence |
| | Server Room | 7.5 KVA UPS |
| | Database Lab | |
| | Computer Center | |

| Name of the course | Name of the Laboratory / Workshop | MAJOR EQUIPMENTS AVAILABLE |
|---------------------------|---|-----------------------------------|
| Mechanical | CAD/CAM | |
| | Mechatronics | Mechatronics Training Package |
| | Mechanical Engineering Measurements / Metrology & Quality Control | Profile Projector |
| | | Surface Roughness Tester |
| | | Gear Rolling Tester |
| | Data Structures | |
| | Refrigeration & Air-conditioning / Heat & Mass Transfer | Refrigeration Trainer |
| | | Air-Conditioning Trainer |

| | | |
|--|---|-----------------------------------|
| | Material Technology | Magnetic Particle crack Detector |
| | | CCD Colour Camera |
| | Dynamics of Machinery / Kinematics of Machinery | |
| | Strength of Materials/ Fluid Machinery/ Fluid Mechanics | Torsion Testing Machine |
| | | Universal Testing Machine |
| | | Pelton Turbine, |
| | | Kaplan Turbine |
| | | Francis Turbine |
| | | Hydraulic Trainer |
| | Thermal Engineering/ Internal Combustion Engine | ICE Plant Trainer |
| | | 2-stroke single cylinder engine |
| | | 4-stroke 4 cylinder petrol engine |
| | Mechanics | |
| | CNC | CNC Machine Lathe |
| | Workshop | Capston Lathe m/c |
| | | Radial Drilling m/c |
| | | Surface grinding m/c |
| | | Milling m/c (kat India) |
| | | Milling m/c (suraj brand) |

| | | |
|--|--|--------------------------------|
| | | Shaping m/c (runup heavy duty) |
| | | Shaping m/c (master make) |

| | | |
|--|--|---|
| | Metallurgy Lab | Metzer Binocular Metallurgical Microscope Metz-57 |
| | Metallurgy Lab | Metzer Binocular Metallurgical Microscope Metz-57 |
| | Metallurgy Lab | Metzer Binocular Metallurgical Microscope Metz-780 |
| | Fluid Mechanics Lab | Metacentric Height of Ship Model |
| | Fluid Mechanics Lab | Reynolds Apparatus |
| | Fluid Mechanics Lab | Venturimetr and orifice meter Apparatus |
| | Fluid Mechanics Lab | Impact of Jet Apparatus |
| | Fluid Mechanics Lab | Verification of Bernoulli's theorem apparatus |
| | Fluid Mechanics Lab | Losses in pipe friction apparatus |
| | Fluid Mechanics Lab | Losses in pipe fitting apparatus |
| | Refrigeration and Air Conditioning Lab | Model of Ref. and Air-conditioning control display board |
| | Refrigeration and Air Conditioning Lab | Braun Paxilux 285 Delux |
| | Refrigeration and Air Conditioning Lab | Desert Cooler Trainer |
| | CAD Lab | HP SCAN Jet 2400 Printer |
| | CAD Lab | CD WRITER 52X |
| | CAD Lab | web Camera |
| | CAD Lab | Vacuum Cleaner |
| | Fluid Machinery Lab | Kaplan Turbine Test Rig |
| | Fluid Machinery Lab | Experimental Setup of series and parallel apparatus of centrifugal pump |
| | HMT Lab | Heat pipe demonstrator |
| | HMT Lab | Thermal Conductivity of Liquid |
| | HMT Lab | Unsteady state heat transfer apparatus |

| | | |
|-------------------|--|--|
| | Measurement Lab | Dead Weight pressure gauge |
| Electrical | Power System & Protection Lab | <ul style="list-style-type: none"> * Testing setup for MCB/ELCB * IDMT over current relay or earth fault with testing kit CC relay. * Over voltage relay with testing kit Microprocessor based static relay IDMT/DMT characteristics. * Percentage based differential relay with testing kit. * Negative sequence current relay static type with DMT characteristics. * Transformer Protection simulation study unit. * Electrical power transmission line training system. |
| | Electrical Machines | <ul style="list-style-type: none"> *DC Power supply Unit(60 A DC) *Loading Rheostat |
| | Computers | |
| | Control ,Microprocessors and Communication | PLC |
| | Measurements and Power Electronics | PSIM Software |
| | Electronics | |
| | BEE | |

| | | |
|-----------|----------------------|--|
| | | |
| | Project and Workshop | |
| Physics | | Laser Source & Experiment Setup O.H.P Stop watch computer |
| Chemistry | | O.H.P Orsat app |

- List of Experimental Setup: As per the list above

COMPUTING FACILITIES:

- Number and Configuration of Systems

| SR.NO | COMPUTER CONFIGURATION. | NO. OF COMPUTERS |
|-------|---|------------------|
| 1 | CPU- INTEL PENTIUM-IV1.7 GHZ, INTEL D-845 BG-2, 128 MB DDR, SDRAM 32 MB,AGP RIVA TNT, 10 /100 MBPS D-LINK ETHERNET LAN CARD, 1.44 MB | 100 |

| | | |
|---|---|-----|
| | FDD,40 GB HDD, 15" SVGA COLOR MONITOR, 104 KEYS KEYBOARD TVSE GOLD, 2 SERIAL & 1 PARALLEL 2 USB PORTS, OPTICAL / THREE BUTTON LOGITECH MOUSE (SCROLL) | |
| 2 | <p>CPU: - AMD ATHLON 64 2800+ (64 BIT PROCESSOR) (HIGHER THAN P-4 CONFIGURATION) - 478 PIN SOCKET, SUPPORT HYPER-THREADING. ,ASUS K8S-MX MOTHERBOARD SUPPORT 800 MHZ FSB AND HYPER THREADING, BUILT IN VIDEO AND SOUND CARD, EXPANDABLE TO 4 GB DDR RAM, SUPPORT MIN. 2 FANS, SWITCHABLE BIOS (ENABLE & DISABLE HYPER-THREADING), SUPPORT REMOTE BOOT/PXE BOOT/NETWORK BOOT, IDE CONTROLLER ATA/100, D-LINK 538TX 10/100 ETHERNET CARD & BOOT ROM, 1 SERIAL PORT, 1 PARALLEL PORT AND 4 USB PORTS, PS2 MOUSE AND KEYBOARD PORT, 3 PCI SLOTS, 80 GB SATA HDD SEAGATE , FDD 1.44 MB,</p> <p>Cabinet: P-4 ATX with 350W SMPS and Two Fans,</p> <p>LOGITECH KEY BOARD, LOGITECH OPTICAL MOUSE (PS2), SAMSUNG 17" COLOR MONITOR MODEL 793-S,</p> <p>WITH AGP CARD 8X ,128 MB, (V9400MAGIC / T) PLUS ADDITIONAL RAM 256X2 MB (400 MHZ) - HYNIX MAKE</p> | 50 |
| 3 | <p>CPU INTEL P-IV 3.00 GHZ, 1MBL2 CACHE 800 MHZ, 478 PIN SOCKET, MOTHERBOARD- INTEL DESKTOP BOARD D865GBF, SUPPORT 800 MHZ FSB BUILD IN VIDEO & SOUND CARD EXPANDABLE TO 4GB DDR RAM, NETWORK CARD DLINK 5389 10/100ETHERNET CARD & BOOTROM, PORTS 1 SERIAL, 1 PARALLEL PORT & USB PORT, PS2 MOUSE & KEY BOARD PORT, 3PCI SLOTS, 256 MB DDR RAM, 80 GB HDD SEAGATE, 1.44 MB FDD SONY, CABINET P-IV ATX, KEY BOARD, LOGITECH OPTICAL MOUSE, SAMSUNG 17" MONITOR</p> | 50 |
| 4 | <p>CPU INTEL P-IV, 2.66 GHZ GRANSDEL, 533 MHZ L2 CACHE 1MB, INTEL 915 GAL MOTHER BOARD, 256 MB DDR RAM (HYNIX 400 MHZ), 1.44 MB FDD , 80 GB SEAGATE SATA, 17" SAMSUNG COLOR MONITOR, 104 KEYS TVSE KEY BOARD, ATX CABINET P-IV (350 W SMPS), OPTICAL</p> | 120 |

| | | |
|---|---|-----|
| | MOUSE LOGITECH, 10/100 MBPS LAN CARD (DLINK 538TX) WITH BOOT ROM (PVE / RPL) | |
| 5 | <p>COMPUTERS UPGRADE TO:</p> <p>CPU INTEL P-IV, 2.66 GHZ GRANSDEL (533 MHZ), L2 CACHE 1MB, INTEL 915GAVL MOTHER BOARD 256 MB DDR RAM (HYNIX 400 MHZ) 1.44 MB FDD, 80 GB SEAGATE SATA HDD, ATX CABINET P-IV(350W SMPS) , OPTICAL MOUSE (LOGITECH), 10/100 MBPS LAN CARD (DLINK 538 TX) WITH BOOT ROM (PXE / RPL) (WITHOUT MONITOR & KEYBOARD)</p> | 63 |
| | TOTAL | 383 |
| | SERVER CONFIGURATION | |
| 6 | <p>P-III DUAL PROCESSOR-1.26 GHZ, INTEL- S12 MOTHER BOARD, 1GB REG. ECC SDRAM, 1.44 MB FDD, 36 GB SCSI HDD, 15" SVGA COLOR MONITOR, 104 KEYS KEY BOARD TVSE GOLD, 2-SERIAL & 1 PARALLEL 2 USB PORTS, LOGITECH MOUSE</p> <p>(SCROLL)</p> | 01 |
| 7 | <p>P-III, 600 MHZ, 512 KB CACHE, DUAL PROCESSOR, L- 440 GXT MOTHER BOARD, 10 / 100 MBPS ETHERNET CARD, 256 MB SD RAM, 10 GB HDD, 1.44 MB FDD, HP- 4 X WRITE 24 X READ CD-WRITER,14" SVGA COLOR MONITOR SAMTRON, 104 LOGITECH KEY BOARD, LOGITECH MOUSE (SCROLL)</p> | 01 |
| 8 | <p>P-III, 600 MHZ, 512 KB CACHE, DUAL PROCESSOR, L- 440 GXT MOTHER BOARD, 10 / 100 MBPS ETHERNET CARD, 256 MB SD RAM, 34 GB HDD, 1.44 MB FDD, HP- 4 X WRITE 24 X READ CD-WRITER,14" SVGA COLOR MONITOR SAMTRON, 104 LOGITECH KEY BOARD, LOGITECH MOUSE (SCROLL)</p> | 01 |
| 9 | <p>INTEL XEON CPU 3.06 GHZ WITH E7501 CHIPSET, MOTHER BOARD INTEL SERVER BOARD SE7501 BR2, RAM 1GB, REGISTERED CC DDR 256 SD RAM, 72-BIT 184 PIN GOLD PLATED DIMMS (KINGSTON), CABINET INTEL CHASIS FOR ABOVE MENTIONED SERVER BOARD WITH</p> | 01 |

| | | |
|---------|--|-----|
| | SMPS, HDD INTEGRATED CONTROLLER, 2 HARD DISK 36 GB, 10000 RPM SEAGATE SCSI , D-LINK 538TX 10/100 ETHERNET CARD & BOOT ROM, SEAGATE SSCI 2 HDD, SAMSUNG CD WRITER 52X INTERNAL, FDD 1.44 MB FDD , 17" COLOR SAMSUNG MONITOR, 104 KEYS KEYBOARD (LOGITECH), PS2 OPTICAL MOUSE | |
| 10 | P-III, 600 MHZ, 512 KB CACHE, DUAL PROCESSOR, L- 440 GXT MOTHER BOARD, 10 / 100 MBPS ETHERNET CARD, 256 MB SD RAM, 13 GB HDD, 1.44 MB FDD, HP- 4 X WRITE 24 X READ CD-WRITER,14" SVGA COLOR MONITOR SAMTRON, 104 LOGITECH KEY BOARD, LOGITECH MOUSE (SCROLL) | 01 |
| 11 | INTEL P-IV(531) 3.0 GHZ CPU GRANDSDEL 800 MHZ 1 MB L2 CACHE MEMORY, INTEL 915 GAVL MOTHER BOARD 2GB DDR RAM (1GBX2) HYNIX, 1.44 MB FDD, 52X CD ROM , 10/100 MBPS LAN CARD (D-LINK 538 TX) WITH BOOT (PXE /RPL) 80 GB SAMSUNG SATA HDD) ,ATX CABINET P-IV (350 W SMPS) ,17 " COLOR MONITOR SAMSUNG ,104 KEYS BOARD (TVSE GOLD) OPTICAL MOUSE (LOGITECH) | 04 |
| | TOTAL | 09 |
| COLLEGE | TOTAL NO. OF COMPUTERS IN THE | 392 |

➤ **Total number of systems connected by LAN**

| Sr.No. | Department | No. of Terminals in LAN |
|--------|------------|-------------------------|
|--------|------------|-------------------------|

| | | |
|---|---|------------|
| 1 | Computer | 100 |
| 2 | Mechanical | 30 |
| 3 | Electrical | 30 |
| 4 | Electronics / Electronics & Telecommunication | 40 |
| 5 | Office | 04 |
| 6 | Training & Placement | 01 |
| 7 | Communication Skill. | 02 |
| 8 | Library | 20 |
| | Total | 227 |

- Total number of systems connected to WAN: **NIL**
- Internet bandwidth: 512 kbps (Unlimited)
- Major software packages available

DEPARTMENT OF ELECTRICAL ENGINEERING

MATLAB SOFTWARE 6.5.1

| Sr. No. | Description of item | User |
|----------------|--|-------------|
| 1 | License number 1, No.: -266343 under a) MATLAB b) Simulink c) Matlab complier d) Simpower system | 1 User |
| 2 | License number 2, No.: -266344 under a) MATLAB b) Simulink c) Filter design toolbox d) Signal processing toolbox | 1 User |
| 3 | License number 4, No.: -266346 under a) MATLAB b) Simulink c) Control system toolbox | 1 User |
| 4 | License number 5, No.: -266347 under a) MATLAB b) Simulink | 1 User |
| 5 | License number 6, No.: -266344 under a) MATLAB b) Simulink | 1 User |
| 6 | PSIM SOFTWARE | ----- |

Mechanical Engineering Department

A) Application software

| Sr.No. | Software | No. of users |
|--------|-----------------------|--------------|
| 01. | Ideas Master Series 8 | 03 |
| 02. | Ansys 10.0 | 05 |
| 03. | Autodesk Inventor | 01 |

B) System software

| Sr.No. | Software | No. of Users |
|--------|----------------------|--------------|
| 01 | Microsoft windows me | 01 |

MECHATRONICS LAB

| Sr.No. | Integrated Software and hardware | No. of Users |
|--------|----------------------------------|--------------|
| 01 | PLC Simulator H Simulator | 10 |

MEM LAB

| Sr.no. | Integrated Software and hardware | No. of Users |
|--------|--|--------------|
| 01 | PC Based data acquisition & Instrumentation tutor | 01 |

METALLURGY LAB

| Sr.no. | Integrated Software and hardware | No. of Users |
|--------|----------------------------------|--------------|
| 01 | CCD Colour camera with software | 01 |

Library

Application Software:

Library Applications Software (SOUL) is available in the library.

| Sr. No. | Particulars of Software | User |
|---------|--|----------|
| 01 | SOUL Software Network Version on CD along with hardware lock & user manual | 100 user |
| 02 | Multi-lingual interface ISM office | 100 user |

[

Electronics & Electronics & Telecommunication Department

| Sr. No | Type of Software | Name of the Software | User |
|--------|----------------------|--|---------|
| 1 | System Software | Cross C Compiler | ----- |
| 2 | Application Software | Matlab | 05 User |
| 3 | Application Software | Simulink | 05 User |
| 4 | Application Software | Signal Processing Toolbox | 05 User |
| 5 | Application Software | Filter Design Toolbox | 01 User |
| 6 | Application Software | Matlab Compiler | 01 User |
| 7 | Application Software | Image Processing Toolbox | 01 User |
| 8 | Application Software | Wavelet Toolbox | 01 User |
| 9 | Application Software | Communication Toolbox | 01 User |
| 10 | Application Software | Active HDL 6.1 Plus Edition with Simplify Pro. 7.2 | 05 User |
| 11 | Application | MULTISIM 7 | 05 User |

| | | | |
|----|----------------------|--|---------|
| | Software | | |
| 12 | Application Software | ULTIBOARD | 05 User |
| 13 | Application Software | Orcad Capture , PSpice A/D Layout Plus | ----- |
| 14 | Application Software | COMMSIM | 05 User |
| 15 | Application Software | Microwind Package | 05 User |
| 16 | Application Software | FPGA Advantage | |

Computer Engineering Department

| SOFTWARE CATEGORY | NAME & DETAILS OF THE SOFTWARE | NO. OF USERS |
|--------------------------|---|---------------------|
| OPERATING SYSTEM | 1) SCO UNIX REL. 5.0 | 01 |
| | 2) WINDOWS 3.11 FOR WORKGROUP | 01 |
| | 3) WINDOWS NT SERVER 4.0 | 05 |
| | 4) WINDOWS NT WORKSTATION 4.0 | 01 |
| | 5) NOVELL NETWARE 5.1 | 100 |
| | 6) WINDOWS 95 | 01 |
| | 7) NOVELL NETWARE 5.1 | 05 |
| | 8) RED HAT LINUX VER.-9.0 | 01 |
| | 9) MS WINDOWS 2003 SERVER | 25 |
| USERS | TOTAL | 140 |
| COMPILER | 1) COBOL – 85, UNIX VERSION | 01 |
| | 2) BORLAND C++, WIN. VERSION | 01 |
| | 3) TURBO C++ (UNDER DOS) | 01 |
| | 4) VISUAL C++ 5.0 | 01 |
| | 5) TURBO C/C++ SUITE (QTY.-04) | 04 |

| | | |
|-----------------------------|--|----|
| | 6) TURBO ASSEMBLER VER 5.0 | 01 |
| USERS | TOTAL | 09 |
| APPLICATION SOFTWARE | 1) NASHOT ANTIVIRUS | 01 |
| | 2) VISUAL BASIC 5.0 | 01 |
| | 3) VISUAL FOXPRO VER 8.0 | 01 |
| | 4) MS OFFICE XP(PROF.) | 05 |
| | 5) MS VISUAL STUDIO.NET 2003(PROF) | 05 |
| | 6) NORTON ANTIVIRUS MULTI USER BOX SERVER EDITION | 05 |
| | 7) NORTON ANTIVIRUS DESKTOP 2004 (QTY.-04) | 04 |
| | 8) ADOBE KIT VER 7.0 | 01 |
| | 9) MACROMEDIA WEB DESIGN STUDIO MX 1.1 | 01 |

➤ Special purpose facilities available

Six axis Robotic unit with intelligence

Mobile Computing Setup

WORKSHOP: THE WORKSHOP IS SPREAD OVER AN AREA OF 526 Sq. meters and is equipped with the following major instruments.

- Capston Lathe m/c
- Radial Drilling m/c
- Surface grinding m/c
- Milling m/c (Kat India)
- Milling m/c (Suraj brand)
- Shaping m/c (Runup heavy duty)

➤ List of facilities available.

Games and Sports Facilities: The facilities for indoor sports like carom, chess, table tennis etc. and the facilities for outdoor games like cricket, foot ball, basket ball, hand ball etc. are available. The college foot ball team reached national level. The students are regularly participating in the various sports events at the university level.

Extra Curriculum Activities: The institute has a National Service Scheme (NSS) unit. The events like blood donation camps are a regular feature. The annual social gathering is also organized.

Soft Skill Development Facilities: The programs have been conducted on a regular basis by inviting the HR experts. Some of the eminent experts, who visited the institute, are, Mr.Nitin Vighne, Dr.Salma Prabhu and Mr.Kamaldas. The programs on soft skill development and body language were organized. The programs like usage of articles, how to invest? and development of EQ, were also arranged.

Number of Classrooms and size of each

1. List of Class Rooms with area

| Sr. No. | Class Room No. | Area (Sq.Met.) |
|---------|----------------|----------------|
| 1 | A - 212 | 63.42 |
| 2 | A - 213 | 83.80 |
| 3 | A - 214 | 83.80 |
| 4 | A - 312 | 75.21 |
| 5 | A - 313 | 83.80 |
| 6 | A - 314 | 83.77 |
| 7 | A - 404 | 84.40 |
| 8 | A - 405 | 84.40 |
| 9 | A - 412 | 75.21 |
| 10 | A - 413 | 83.80 |
| 11 | A - 414 | 83.77 |
| 12 | A - 417 | 83.80 |
| 13 | A - 418 | 83.80 |
| 14 | A - 419 | 83.80 |
| 15 | A - 420 | 75.21 |
| 16 | B - 204 | 66.00 |
| 17 | B - 205 | 66.00 |
| 18 | B - 211 a | 66.38 |
| 19 | B - 211 b | 66.50 |
| Total - | | 1476.87 |

Number of Tutorial rooms and size of each

2. List of Tutorial rooms with area

| Sr. No. | Class Room No. | | Area (Sq.Met.) |
|---------|----------------|-------|----------------|
| 1 | A - | 216 | 40.89 |
| 2 | A - | 308 | 45.10 |
| 3 | A - | 309 | 41.80 |
| 4 | A - | 310 | 44.00 |
| 5 | A - | 316 | 42.00 |
| 6 | A - | 408 | 41.53 |
| 7 | A - | 409 | 40.33 |
| 8 | A - | 410 | 41.67 |
| 9 | A - | 416 | 42.00 |
| 10 | B - | 013 | 49.50 |
| 11 | B - | 014 | 49.50 |
| 12 | B - | 015 | 49.50 |
| 13 | B - | 016 | 49.50 |
| 14 | B - | 101 | 51.48 |
| 15 | B - | 201 | 51.61 |
| 16 | B - | 208 | 49.13 |
| 17 | B - | 211 a | 66.38 |
| Total - | | | 795.92 |

Number of laboratories and size of each

List of Laboratories and Workshops with area

| Sr.No. | Class Room No. | | Lab/Classroom | Area |
|--------|----------------|-----|---------------|-------|
| 1 | A - | 102 | Lab | 77.00 |
| 2 | A - | 103 | Lab | 88.00 |
| 3 | A - | 104 | Lab | 88.00 |
| 4 | A - | 108 | Lab | 45.10 |
| 5 | A - | 109 | Lab | 22.00 |
| 6 | A - | 110 | Lab | 63.42 |
| 7 | A - | 111 | Lab | 75.21 |
| 8 | A - | 112 | Lab | 83.80 |
| 9 | A - | 113 | Lab | 84.24 |
| 10 | A - | 116 | Lab | 84.24 |
| 11 | A - | 117 | Lab | 84.24 |

| | | | | |
|---------|-----|-----|-----|---------|
| 12 | A - | 118 | Lab | 84.24 |
| 13 | A - | 119 | Lab | 75.60 |
| 14 | A - | 202 | Lab | 77.00 |
| 15 | A - | 203 | Lab | 88.00 |
| 16 | A - | 204 | Lab | 88.00 |
| 17 | A - | 205 | Lab | 88.00 |
| 18 | A - | 208 | Lab | 45.10 |
| 19 | A - | 210 | Lab | 63.42 |
| 20 | A - | 217 | Lab | 84.24 |
| 21 | A - | 218 | Lab | 84.49 |
| 22 | A - | 219 | Lab | 83.94 |
| 23 | A - | 220 | Lab | 74.07 |
| 24 | A - | 302 | Lab | 77.00 |
| 25 | A - | 303 | Lab | 85.80 |
| 26 | A - | 304 | Lab | 85.80 |
| 27 | A - | 305 | Lab | 85.80 |
| 28 | A - | 318 | Lab | 83.80 |
| 29 | A - | 319 | Lab | 83.80 |
| 30 | A - | 320 | Lab | 75.21 |
| Total - | | | | 2308.56 |

Number of drawing halls and size of each

3. Drawing halls with area

| Sr. No. | Class Room No. | | Area (Sq.Met.) |
|----------------|-----------------------|---------------------|-----------------------|
| 1 | A - | 317 | 83.80 |
| 2 | A - | 402 | 165.00 |
| 3 | B - | 104, 105 & 106 a | 99.00 |
| 4 | B - | 106,107 | 99.00 |
| Total - | | | 446.80 |

Number of Computer Centers with capacity of each

4. Computer centre with area

| Sr. No. | Class Room No. | Area |
|----------------|-----------------------|-------------|
| 1 | B - 009,010 & 011 | 148.50 |

Central Examination Facility, Number of rooms and capacity of each. :

All the class rooms mentioned above are utilized for conduction of exams and capacity of each room is to accommodate 35 examinees.

Teaching Learning process

- Curricula and syllabi for each of the programmes as approved by the University. : The details are enclosed herewith
- Academic Calendar of the University
- Academic Time Table

- **Teaching Load of each Faculty**

➤

Department of Applied Science Engineering

| Sr. No. | Name of the Staff | Designation | No of Periods Per Week | | | |
|---------|---------------------------|---------------------------|------------------------|------------|---------|-------|
| | | | Lecture (Th) | Tut/Pract. | Project | Total |
| 1 | Dr. (Mrs.) S.S. Abhyankar | Prof. & Dean of Academics | 07 | 01 | - | 08 |
| 2 | Mr. H.S. Pandey | Sr. Lecturer (H.O.D.) | 12 | - | - | 12 |
| 3 | Mrs. K.V. Nimi | Lecturer | 12 | 04 | - | 16 |
| 4 | Dr. Atul Dubewar | Lecturer | 11 | 03 | - | 14 |
| 5 | Mrs. Krishna Singhal | Lecturer | 10 | 06 | - | 16 |
| 6 | Ms. Sheetal H. Thakare | Lecturer | 12 | 06 | - | 18 |
| 7 | Ms. Ratna Shrinivas | Lecturer | 12 | 06 | - | 18 |
| 8 | Mrs. Priya Tilak | Lecturer | 06 | 09 | - | 15 |
| 9 | Mrs. Nileema Patil | Lecturer | 09 | 06 | - | 15 |
| 10 | Mrs. Dolly Boban | Sr. Lecturer | 08 | 09 | - | 17 |
| 11 | Dr.(Mrs.) Renu Wasu | Lecturer | 06 | 11 | - | 17 |
| 13 | Dr.(Mrs.) Renu Trivedi | A.P. | 04 | 10 | - | 14 |
| 14 | Ms. Tasneem Sheikh | Lecturer | 04 | 12 | - | 16 |
| 15 | Ms. Shirin | Lecturer | 03 | 14 | - | 17 |
| 16 | Ms. Savita Gole | Lecturer | 03 | 14 | - | 17 |
| 17 | Ms.Madhuri Samel | Lecturer | 6 | 6 | - | 12 |
| 18 | Ms.Sonali Mandlik | Visting Lecturer | 10 | 8 | - | 18 |

LOKMANYA TILAK COLLEGE OF ENGINEERING

NAVI MUMBAI

COMPUTER DEPARTMENT

Teaching Load of each Faculty

Department of Computer Engineering

| Sr.no. | Name | Designation | No. of Periods Per Week | | | |
|--------|-----------------------|---------------|-------------------------|------------|---------|-------|
| | | | Lecture (Th) | Tut/Pract. | Project | Total |
| 1. | Dr. Chelpa Lingam | P.(Principal) | - | - | 2 | 2 |
| 2 | Mr. Anil Z. Chhangani | A.P.(H.O.D.) | 10 | 4 | 2 | 16 |
| 3 | Ms. Chitra T. Wasnik | A.P. | 4 | 8 | 2 | 14 |
| 4 | Ms. Aruna K.G. | A.P. | 4 | 8 | 2 | 14 |
| 5 | Mr. R.D. Gawali | Lecturer | 7 | 8 | 2 | 17 |
| 6 | Mr. S.D. Naravadkar | Lecturer | 7 | 8 | 2 | 17 |
| 7 | Mr. Manish R. Umale | Lecturer | On Study Leave | | | |
| 8 | Mr. Nilesh T. Deotale | Lecturer | 6 | 12 | 2 | 20 |

| | | | | | | |
|----|--------------------------|----------|----------------|----|---|----|
| 9 | Ms. Sonal A. Bhople | Lecturer | 7 | 8 | 2 | 17 |
| 10 | Ms. Sunita S. Barve | Lecturer | 8 | 8 | 2 | 18 |
| 11 | Ms. Kahkashan Siddavatam | Lecturer | 8 | 8 | - | 16 |
| 12 | Ms. Sulbha S. Yadav | Lecturer | On Study Leave | | | |
| 13 | Ms. Sujata P. Deshmukh | Lecturer | 7 | 10 | 2 | 19 |
| 14 | Ms. Jyoti P. Sawant | Lecturer | 6 | 8 | 2 | 16 |
| 15 | Ms. Smita A. Attarde | Lecturer | 7 | 10 | - | 17 |
| 16 | Ms. Shital K. Dhamal | Lecturer | 8 | 10 | - | 18 |
| 17 | Ms. Shobha S. Lolge | Lecturer | 6 | 8 | 2 | 16 |
| 18 | Ms. Chaitrali Choudhary | Lecturer | 7 | 10 | - | 17 |
| 19 | Ms. Leena P. Vanwari | Lecturer | 3 | 16 | - | 19 |
| 20 | Ms. Priti Shukla | Lecturer | - | 18 | - | 18 |
| 21 | Mr. Satish L. Kuchiwale | Lecturer | 3 | 17 | - | 20 |
| 22 | Ms. Vandana Gaikwad | Lecturer | 3 | 14 | - | 17 |
| 23 | Mr. Neeraj | Lecturer | 4 | 12 | - | 16 |

| | | | | | | |
|----|--------------------------|----------|---|----|---|----|
| | Goyal | | | | | |
| 24 | Mr. Gaurav V. Londhe | Lecturer | 4 | 16 | - | 20 |
| 25 | Mr. Ajit B. Pande | Lecturer | 3 | 15 | - | 18 |
| 26 | Ms. Kanchan P. Patil | Lecturer | 8 | 7 | - | 15 |
| 27 | Ms. Pragati Kamble | Lecturer | 3 | 16 | - | 19 |
| 28 | Mr. Akshay Thorat | Lecturer | - | 19 | - | 19 |
| 29 | Ms. Sonali Patil | Lecturer | - | 18 | - | 18 |
| 30 | Ms. Shini Gangadharan | Lecturer | 8 | 6 | - | 14 |
| 31 | Ms. Ruchi Parihar | Lecturer | 8 | 7 | - | 15 |

LOKMANYA TILAK COLLEGE OF ENGINEERING
NAVI MUMBAI

Teaching Load of Each Faculty

Department of Electronics Engineering

| Sr. No. | Name of the Staff | Designation | No of Periods Per Week | | | |
|---------|--------------------|---------------|------------------------|------------|---------|-------|
| | | | Lecture (Th) | Tut/Pract. | Project | Total |
| 1 | Mr. C.V. Ghule | A.P. (H.O.D.) | 03 | 05 | - | 09 |
| 2 | Mr. K.K. Warhade | A.P. | 04 | 06 | - | 10 |
| 3 | Ms. P.S.Sheeba | A.P. | 03 | 06 | - | 09 |
| 4 | Mr. J.I. Sayyad | Lecturer | 03 | 12 | - | 15 |
| 5 | Ms. Shilpa Joshi | Lecturer | Study Leave | | | |
| 6 | Ms. Shilpa Wakode | Lecturer | 05 | 10 | - | 15 |
| 7 | Mr. Sambhaji Kadam | Lecturer | 05 | 08 | - | 13 |
| 8 | Mr. Nitin Jain | Lecturer | 04 | 11 | - | 15 |
| 9 | Ms. Trupti Harhare | Lecturer | 03 | 11 | - | 14 |
| 10 | Ms.Savitha D. | Lecturer | 06 | 08 | -- | 14 |
| 11 | Mr.Dinesh Korde | Lecturer | 04 | 11 | -- | 15 |

| | | | | | | |
|----|--------------------|----------|----|----|----|----|
| 12 | Ms.Pallavi Patil | Lecturer | 04 | 13 | -- | 17 |
| 13 | Mr.Umesh Pinjarkar | Lecturer | 03 | 14 | -- | 17 |

LOKMANYA TILAK COLLEGE OF ENGINEERING
NAVI MUMBAI

Teaching Load of Each Faculty

Department of Mechanical Engineering

Odd Semester 2007-2008

| Sr. No. | Name of the Staff | Designation | No of Periods Per Week | | | |
|---------|--------------------------|--------------|------------------------|-------------|---------|-------|
| | | | Lecture (Th) | Tut/ Pract. | Project | Total |
| 1 | Prof. Dr. V.K. Sunnapwar | Professor | 3 | 2 | -- | 05 |
| 2 | Mr. Chandrababu D. | A.P. (HOD) | 7 | 4 | -- | 11 |
| 3 | Mr. Vijoy Kumar | A.P. | 8 | 4 | -- | 12 |
| 4 | Mr. H.S. Birajdar | A.P. | 7 | 4 | -- | 11 |
| 5 | Mr. S.S. Pawar | A.P. | 8 | 3 | -- | 11 |
| 6 | Mr. J.J. Dange | A.P. | 11 | 2 | -- | 13 |
| 7 | Mr. V.K. Yakundi | A.P. | 8 | 4 | -- | 12 |
| 8 | Mr. Sunil Satao | Sr. Lecturer | 8 | 6 | -- | 14 |
| 9 | Mr. B.T. Patil | Lecturer | 8 | 8 | -- | 16 |
| 10 | Mr. V.S. Bhaskarwar | Lecturer | 5 | 12 | -- | 17 |

| | | | | | | |
|----|-----------------------|----------|-----------|----|----|----|
| 11 | Ms. Preethakumari K. | Lecturer | 8 | 8 | -- | 16 |
| 12 | Mr. Bennur Sreenivasa | Lecturer | 4 | 8 | -- | 12 |
| 13 | Mr. A.D. Sarode | Lecturer | 8 | 8 | -- | 16 |
| 14 | Mr. M.T. Shinde | Lecturer | Long Lien | | | |
| 15 | Mr. C.D. Golghate | Lecturer | 8 | 8 | -- | 16 |
| 16 | Mr. M.S. Bhadane | Lecturer | 8 | 8 | -- | 16 |
| 17 | Mr. Ajay Kashikar | Lecturer | 4 | 12 | -- | 16 |
| 18 | Ms. Kavita Dhanawade | Lecturer | 8 | 8 | -- | 16 |
| 19 | Mr. Santosh Dalvi | Lecturer | 6 | 12 | -- | 18 |
| 20 | Mr. S.P. Joshi | Lecturer | 9 | 8 | -- | 17 |
| 21 | Ms. Archana Darandale | Lecturer | 9 | 8 | -- | 17 |
| 22 | Mr. Ganesh Ingole | Lecturer | 8 | 9 | -- | 17 |
| 23 | Ms. Jyoti Takne | Lecturer | -- | 19 | -- | 19 |
| 24 | Ms.Megha Janbandhu | Lecturer | 04 | 14 | -- | 18 |
| 25 | Ms.Satyajita Bhonsale | Lecturer | -- | 20 | -- | 20 |
| 26 | Ms.Rita Sadanshiv | Lecturer | -- | 18 | -- | 18 |
| 27 | Ms.Parvathi Kumar | Lecturer | -- | 22 | -- | 22 |
| 28 | Mr.Manoj Dhawade | Lecturer | -- | 18 | -- | 18 |

LOKMANYA TILAK COLLEGE OF ENGINEERING
NAVI MUMBAI

Teaching Load of Each Faculty
Department of Electrical Engineering

| Sr. No. | Name of the Staff | Designation | No of Periods Per Week | | | |
|---------|-------------------------|-------------|------------------------|-------------|---------|-------|
| | | | Lecture (Th) | Tut/ Pract. | Project | Total |
| 1 | Mr. C.M. Wankhade | A.P. (HOD) | 04 | 06 | - | 10 |
| 2 | Ms. Madhavi Kumari | A.P. | 07 | 06 | - | 13 |
| 3 | Mr. Ninad Totare | A.P. | 08 | 04 | - | 12 |
| 4 | Mr. Vittesh Naphade | Lecturer | 07 | 08 | - | 15 |
| 5 | Mr. Mahesh L. Chaudhari | Lecturer | ON LONG LEAVE | | | |
| 6 | Ms. Shilpa Kapse | Lecturer | 07 | 09 | - | 16 |
| 7 | Ms. Shruti Nema | Lecturer | 07 | 10 | - | 17 |
| 8 | Ms. Rekha Sonune | Lecturer | ON Maternity Leave | | | |
| 9 | Ms. Ujawala Tade | Lecturer | 08 | 09 | - | 17 |
| 10 | Ms. Megha Chaple | Lecturer | 06 | 06 | - | 12 |
| 11 | Ms. Neelam Pinjari | Lecturer | 07 | 10 | -- | 17 |
| 12 | Ms.Smita Thate | Lecturer | 06 | 12 | -- | 18 |
| 13 | Ms.Trupti Chaudhari | Lecturer | 07 | 9 | -- | 16 |
| 14 | Mr. M.Paraye | Lecturer | 04 | 12 | -- | 16 |
| 15 | Mr.S.K.Muchande | Lecturer | -- | 16 | -- | 16 |

Lokmanya Tilak College of Engineering, Navi Mumbai

Department of Telecom Engg.

| S.N | Name of Faculty | Subject | Semester | Theory | Pr./Tut.(hr*pa tch) | Total Load | Project |
|-----|--------------------------------|-----------------|------------|------------|------------------------|---------------|---------|
| 1 | Mr. S. S. CHAVAN (A.P &HOD) | DCO M CC | VII V | 3 --- | 2*2=04 3*1=03 | 10 | |
| 2 | Ms. R. B. JAIN (A.P) | M.C EI | VII III | 4 | 1*4=04 2*2=04 | 12 | |
| 3 | Mr. R. S. DUDHE (A.P) | μE EDC-I | V III | 4 --- | 2*2=04 2*2=04 | 12 | |
| 4 | Ms. P. SHRIVASTVA (LECT) | μP | V | 3 | 3*4=12 | 15 | |
| 5 | Ms.V. KHOBRAGADE (LECT) | FT MDC | V VII | 3 --- | 2*4=08 2*2=04 | 15 | |
| 6 | Mr.V.S.KSHIRSAGAR (LECT) | RAD AR EN | VII III | 4 2 | 2*4=08 ----- | 14 | |
| 7 | Ms. NANDINI NAG (LECT) | CAO DCOM | V VII | 3 ----- | 1*4=04 2*2=04 | 14 | |
| 8 | Ms. PRANITA POTEY (LECT) | DLD | III | 4 | 2*4=08 | 15 | |

| | | | | | | | |
|----|----------------------------|-----------------------|-----------------|----------------|----------------------------|----|--|
| 9 | Mr.NITIN DEOTALE (LECT) | DTSP EI | VII III | 4 ---- | 2*4=08 2*2=03 | 16 | |
| 10 | Ms.SUNITA MUNDE (LECT) | I EDC- μE EN | III V III | 4 --- 2 | 2*2=04 2*2=04 2*1=02 | 16 | |
| 11 | Ms.RAGINI | MDC CC EN | VII V III | 4 3 ---- | 2*4=08 ---- 2*1=02 | 17 | |
| 12 | Mr. AJAY FURSULE | EI CC BEE | III V I | 4 ---- 7 | ---- 3*1=03 ---- | 14 | |

| | TH | PR | TOTAL | PROJECT |
|-----------------|----------------------|----------------------|----------------------|----------------------|
| TOTAL LOAD | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| ALLOTTED LOAD | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| UNALLOTTED LOAD | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

NOTE: Lecturers required are 00

H.O.D

(EXTC Dept)

Internal Continuous Evaluation System and place: Two tests are conducted in each semester. One test is a mid term test and another is preliminary examination. Mid term test is of 50 marks. Preliminary examination is conducted at the end of semester and is of 100 marks. Preliminary examination is based on entire syllabus and as per university pattern. Internal examination coordination cell coordinates this activity. Results of these tests are analyzed in detail which helps students to improve continuously. Performance of students in both the tests is also compared to identify improvement. Tests are conducted exactly like university test environment. These tests not only continuously improve students but also help them to face university examination very confidently.

- Students' assessment of Faculty, System in place.: The feedback mechanism is in existence. Students' feedback is obtained twice a year.

For each Post Graduate programme give the following: **NOT APPLICABLE**

- i. Title of the programme
- ii. Curricula and Syllabi
- iii. Faculty Profile

| SI | Name | DESIGNATION | Subject Teaching |
|----|------|-------------|------------------|
| 1. | | | |
| 2. | | | |
| 3. | | | |

- Brief profile of each faculty.
- Laboratory facilities exclusive to the PG programme

Special Purpose

- Software, all design tools in case
- Academic Calendar and frame work
- Research focus
 - List of typical research projects.
- Industry Linkage
- Publications (if any) out of research in last three years out of masters projects
- Placement status

- Admission procedure
- Fee Structure
- Hostel Facilities
- Contact address of co-ordinator of the PG programme
 - Name:
 - Address:
 - Telephone:
 - E-mail:

NOTE: Suppression and/or misrepresentation of information would attract appropriate penal action.