

- I. **Name of the Institution** : BHARATI VIDYAPEETH'S COLLEGE
OF ENGINEERING, NEAR
CHITRANAGARI, KOLHAPUR – 416013
Phone: (0231) - 2638894, 2638893
Fax: (0231) - 2638894
E-mail: principal@bvcoek.com
- II. **NAME & ADDRESS OF THE PRINCIPAL** : Dr. J.A. Tamboli
R.S.No. 231/1, Plot No.2,
Laxmi Narayan Nagar,
Opp. Hotel LISHA
Kolhapur-416003
Phone: 9422051957
- III. **NAME OF THE AFFILIATING UNIVERSITY** : SHIVAJI UNIVERSITY, KOLHAPUR

IV. GOVERNANCE

Dr. Patangrao Shripatrao Kadam, the founder of Bharati Vidyapeeth hails from a small village in a remote rural area in the southern part of Maharashtra. Belonging to a poor farmer's family, he was the first matriculate of that village. His keen interest in the educational pursuit took him out of the bounds of the small village. He moved to Pune city, which is the well known centre of education and with tenacity of purpose, withstanding all the adversities, Dr. Kadam obtained a Master's Degree from University of Pune and holds a Bachelor Degree in Law of the same University. Despite his pre-occupation with his educational, social and political activities Dr. Kadam completed his research on the theme "Administrative Problems of Educational Management in 80's" and he was awarded a Ph.D. Degree in the Management Faculty by University of Pune.

Under his visionary and dynamic leadership, Bharati Vidyapeeth expanded so rapidly that it has now more than 170+ educational institutes of various kinds. Its major Campuses are located in New Delhi, Navi Mumbai, Pune, Kolhapur, Sangli, Solapur, Thane (Jawhar) and few other places. It is gratifying to note that more than half a million students are enrolled in our Institutions.

Mr. Vishwajeet Kadam, son of the founder Dr. Patangraoji Kadam, is the Secretary of Bharati Vidyapeeth. At a very early age of 25 he took responsibility of managing the entire Bharati Vidyapeeth as a Secretary with a great vision in his mind. He has to his credit an important role in opening an Institution abroad, in Dubai and executing things actively there. One of his unique features is his dedication towards punctuality and successful execution of work. Being a

youngster, he sets his own example to all the youngsters in the society to move ahead of time and to grow with the technology.

Dr. Shivajirao S. Kadam was the secretary of Bharati Vidyapeeth and is Vice Chancellor of Bharati Vidyapeeth University PUNE. Dr. Kadam, a well known personality in the academic field of Pharmacy, has been the Principal of Poona College of Pharmacy for the last 21 years. He has held many important positions in the University of Pune, such as Dean of Faculty of Pharmaceutical Sciences, Member of UGC, Member of Management Council, Chairman of Board of Studies in Pharmaceutical Sciences, Member of Senate and Member of Academic Council for a number of years.

Dr. Kadam has played a pivotal role in involving the Pharmacy Industry in the collaborative activities with the college and started a manufacturing unit "Get Rid Pharmaceuticals", and also a Public Testing Laboratory in the college. This is his unique achievement because no other Pharmacy College has such a collaborative activity with the industry on the campus of the college.

Dr. Kadam has made tremendous contribution to higher education in conventional courses in general and professional courses in particular. Under his dynamic leadership, Poona College of Pharmacy has achieved a very high degree of excellence and is now one of the leading Pharmacy Colleges in India. The National Board of Accreditation has given 'A' Grade, which is the topmost honor, to the Poona College of Pharmacy.

Dr. Kadam is also a member of many professional bodies, such as Indian Chemical Society, Calcutta, Indian Science Congress Association, Calcutta and a patron member of a Deccan Sugar Technologists Association. Dr. Kadam is also a life member of Indian Council of Chemist, Agra and Indian Pharmaceutical Association, Mumbai. He has published 109 research papers in national and international journals and three reference books on Pharmaceutical Chemistry. He is a recognized Ph. D guide of University of Pune and five students have obtained the Ph.D. under his supervision.

Dr. Kadam is a recipient of many prestigious awards, including Vishesh Chikitsa Sewa Medal and Best Teacher Award in higher education from Maharashtra State Government. The most important distinction won by him is the "Pharmacy Educator Distinction" which was bestowed on him in the International Convention of Pharmacy Education in Bangalore in March 2002. He has attended numerous national and international conferences and presented papers therein, including :

1. First World Congress on Ayurveda and Yoga Bangkok May 1998.
2. 2nd Asian Congress on Pharmaceutical Educational Research & Drug Industry, Singapore May 1998.
3. 55th World Congress of Pharm. Science (F.I.P.) at Stockholm, Sweden Aug. 31 to Sept. 5, 1995.

4. 57th World Congress of Pharm. Science (F.I.P.) at Vancouver, Canada, Aug.31 to Sept. 5, 1997.

The Board and Local Management Committee meetings are held once in a semester. The governing body meets once in a year. The college principal meets the heads of the departments once in a week. The faculty meeting along with the Principal is held twice in a semester. The departmental meetings are held once every week. The student council meetings are held together with the principal, and the students' and coordinator twice a semester.

The faculty members and student representatives take active participation in the functioning of day to day activities of the college. The major issues related with these matters are taken in consultation with these people in a democratic way.

The institute has a grievance redressal cell. It functions with guidance and assistance from the Principal, vice principal and the representatives of the teachers, students and the non teaching staff of the institute. The grievances related with the administration of college, functioning of the office, infrastructure, academic and other matters related with the students are discussed here and the solutions are attempted. The grievances related with higher bodies like the institute and the university etc is forwarded for seeking solutions from them.

The students of this college give a feedback report of all the faculty members twice a semester which helps the faculty members to improve their teaching learning process and the way how to interact with the students.

Organizational Chart:

President: Shri. Yashwantrao Mohite

Founder: Hon. Dr. Patangraoji Kadam

Secretary: Hon. Mr. Vishwajeet Kadam

Joint Secretaries: Mr. V.B. Mhetre
Prin. K.D. Jadhav
Dr. M.S. Sagare

Principal: Dr. J.A. Tamboli

V. PROGRAMMES

A. NAME OF THE PROGRAMMES APPROVED BY THE AICTE

- i. Computer Science and Engineering
- ii. Electronics and Telecommunications Engineering
- iii. Information Technology
- iv. Mechanical Engineering
- v. Electronics Engineering

B. NAME OF THE PROGRAMMES ACCREDITED BY THE AICTE

** We are going for accreditation process in due course of time.*

| SR.NO. | DETAILS | | | | | |
|--------|-----------------------------|--|--|--|--|--|
| 1. | Name | CSE | E&TC | IT | MECH | ETX |
| 2. | Number of Seats | 60 | 60 | 60 | 60 | 60 |
| 3. | Duration | 4 Years | 4 Years | 4 Years | 4 Years | 4 Years |
| 4. | Cut Off % | Min 50 % (PCM) – Open Min 45 % (PCM) – Category | Min 50 % (PCM) – Open Min 45 % (PCM) – Category | Min 50 % (PCM) – Open Min 45 % (PCM) – Category | Min 50 % (PCM) – Open Min 45 % (PCM) – Category | Min 50 % (PCM) – Open Min 45 % (PCM) – Category |
| 5. | Fee | 36,305.00 | 36,305.00 | 36,305.00 | 36,305.00 | 36,305.00 |
| 6. | Placement Facilities | <p>A Training & Placement division has been set up under the leadership of Shri. S.S. Pawar (T.P.O). The Training & Placement division has been given greater emphasis and the training for B.E. Students is considered to be an integral part of the curriculum.</p> <p>The students are introduced to different companies in the form of industrial tours so that they can understand the recent developments in their area of interest. Employment of the students of the college is our major concern. The Placement records of our students are an indicative factor that the college is having very fruitful and meaningful relations with the industries. The college also has a tie up with the Pune Training and Placement division which benefit the students in one or the other ways. Apart from arranging for the companies the college also takes initiative for developing aptitude, communication skills among the students by undertaking quiz competition, personality development programmes etc.</p> | | | | |
| 7. | Campus Placement | 01 | 03 | 00 | <i>New branches</i> | |
| | | Min Salary: 1.2 Lacs, Average: 1.9 Lacs, Max Salary: 2.7 Lacs | | | | |

** As far now we still don't have any collaboration with any of the foreign Universities or with any of the institutions.*

VI. FACULTY

A. BRANCH WISE FACULTY MEMBERS

| Details | F.E. | CSE | E&TC | IT | MECH | ETX |
|---------------------|------|-----|------|----|------|-----|
| Permanent | 10 | 04 | 07 | 06 | 05 | 03 |
| Academic / Adhoc | 06 | 08 | 05 | 06 | 04 | 09 |
| Visiting | 04 | 02 | 03 | 02 | 03 | 04 |
| Adjunct | -- | -- | -- | -- | -- | -- |

Permanent Faculty: Student Ratio = 1: 31

B. NUMBER OF FACULTY EMPLOYED AND LEFT DURING THE LAST THREE YEARS

Faculty Employed – 73

Faculty Left – 07

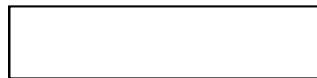


VII. PROFILE OF THE PRINCIPAL

NAME : Dr. J.A. Tamboli

DATE OF BIRTH : 09th June 1957

EDUCATION QUALIFICATION:



| Degree & Post-graduate Degree | Special subject Offered | Class obtained | Year of Passing | University |
|--|-------------------------|------------------------------|-----------------|--------------------|
| B.E. | Mechanical | First Class with Distinction | 1979 | Shivaji University |
| M.E. | Mechanical (Design) | First Class with Distinction | 1984 | |
| Ph.D. | Random Vibration | -- | 2000 | |
| Title: “ Some Studies On The Response Of Vehicle Dynamic Systems Subjected To Stationary And Non-Stationary Random Excitations” | | | | |

WORK EXPERIENCE:

Teaching

| | Organization | From | To | Designation |
|---|--|-------------|-----------|---|
| 1 | KIT's College of Engineering, Kolhapur | July 1983 | July 1989 | Lecturer in Production Engineering |
| 2 | | August 1989 | July 2001 | Assistant Professor in Production Engineering |
| 3 | | August 2001 | Feb. 2004 | Professor in Production Engineering |
| 4 | | Feb. 2003 | Dec. 2003 | In –charge Principal |
| 5 | Bharati Vidyapeeth's College of Engineering, Kolhapur. | Feb. 2004 | Till date | Regular Principal |

Industry

One and Half years as Trainee and Junior Engineer at Mechanical Industry

| | Organization | From | To | Designation |
|---|--|-----------|-------------|------------------|
| 1 | Ghatge Patil Industries Ltd., Kolhapur | Feb. 1980 | August 1980 | Trainee Engineer |
| 2 | Kirloskar Ghatge Patil Auto Ltd., Kolhapur | Oct. 1980 | July 1981 | Junior Engineer |

Research Guidance:

1. Two students have registered for Ph.D. in Shivaji University, Kolhapur.
2. Eight students have completed M.E. (Mech.) in Design Engineering and one more student is under guidance for design projects.
3. Teaching Research Methodology to M.E. (Mech.) (Production Engg.)

Area of Specialization - Design Engineering

Subjects Taught:

| CLASS | SUBJECT |
|--------------------------|--|
| First Engineering (F.E.) | Basic Mechanical Engineering , Applied Mechanics |
| S.E.(Production) | Applied Thermodynamics, Heat Power Engineering Programming in C |
| S.E.(Electronics) | Basic and FORTRAN Programming |
| T.E.(Production) | Machine Tool Design |
| T.E.(Electronics) | Pascal And C Programming |
| B.E.(Production) | Computer Applications In Production Engineering |

Papers presented -

- Published 14 research papers in International / National Level Journals and Conferences
- Working as International Journal Reviewer, reviewed research papers of International Journal

The profiles of the remaining staff members are attached with this report

VII. FEE

The Fees for the four year engineering program are 36,305.00 per year. The student has to pay the entire amount by a demand draft at the time of his admission. The poor students are provided with a facility of paying the fees in two installments as per the suitability of student. The student, in addition to the course fees, has to pay the exam fees as decided by the university.

The organization also encourages bright students by giving concessions in their fees. It also helps students by waiving their fees if they have a poor background. Apart from this the organization also provides scholarships for the backward and reserved caste candidates. The college also provides scholarships for the candidates whose parents are working in primary and secondary education department.

The no of scholarships offered for the reserved candidates (OBC, SC, NT, SBC) from the establishment of the college is as follows,

| Academic Year | No of Candidates | Total Amount |
|----------------------|-------------------------|---------------------|
| 2001 – 2002 | 13 | 2,10,730/- |
| 2002 – 2003 | 02 | 24,300/- |
| 2003 – 2004 | 35 | 5,95,360/- |
| 2004 – 2005 | 55 | 12,94,710/- |
| 2005 – 2006 | 62 | 14,92,280/- |
| 2006 – 2007 | 154 | 36,49,150/- |
| 2007 – 2008 | 214 | 64,10,820/- |
| 2008 - 2009 | 305 | 97,72,405/- |

The total amount of fee concessions offered to the students during each academic year is as follows –

| Academic Year | Total Amount |
|----------------------|---------------------|
| 2001 – 2002 | 9,18,400/- |
| 2002 – 2003 | 13,56,400/- |
| 2003 – 2004 | 3,83,000/- |
| 2004 – 2005 | 15,29,830/- |
| 2005 – 2006 | 6,98,855/- |
| 2006 – 2007 | 14,93,325/- |
| 2007 - 2008 | 8,79,615/- |
| 2008 - 2009 | 1,10,480/- |

IX. ADMISSION

The numbers of seats as the intake every year is 60 for Computer science, 60 for electronics and telecommunication, 60 for information technology, 60 for Mechanical Engineering and 60 for Electronics Engineering i.e. 300 altogether. The total number of students admitted since last three years is as follows

| Year | CSE | IT | E&TC | MECH | ETX |
|-------------|------------|-----------|-----------------|---|------------|
| 2008-09 | 60 | 61 | 61 | 60 | 59 |
| 2007-08 | 61 | 61 | 61 | 61 | 60 |
| 2006-07 | 60 | 61 | 61 | 60 | 61 |
| 2005-06 | 60 | 55 | 60 | <i>These branches are started from the year 2006-07</i> | |
| 2004-05 | 60 | 16 | 61 | | |
| 2003-04 | 32 | 8 | 41 | | |

The total number of application received for the management quota (Institute level) for the last two years is more than 250 and the number of candidates admitted through management quota for last two years is as follows.

| Year | CSE | | IT | | E&TC | | MECH | | ETX | |
|-------------|------------|------|-----------|------|-----------------|------|--|------|------------|------|
| | Mgmt | Inst | Mgmt | Inst | Mgmt | Inst | Mgmt | Inst | Mgmt | Inst |
| 2004-2005 | 12 | 30 | 01 | 10 | 10 | 34 | <i>These branches have started in the year 2006-07</i> | | | |
| 2005-2006 | 03 | 35 | 00 | 55 | 05 | 35 | | | | |
| 2006-2007 | 12 | 48 | 12 | 49 | 12 | 49 | 12 | 48 | 12 | 49 |
| 2007-2008 | 12 | 04 | 12 | 03 | 12 | 02 | 12 | 02 | 12 | 02 |
| 2008-2009 | 12 | 01 | 12 | 03 | 12 | 01 | 12 | 01 | 12 | 02 |

X. ADMISSION PROCEDURE

For pursuing admission to the four year Bachelor of engineering programme one has to pass the state common entrance test conducted (MH-CET) by Directorate

of Technical Education (www.dte.org.in) and he/she must have secured minimum 50% of marks in the physics, chemistry and mathematics subjects of 10+2 examination. The number of seats for each branch are divided as follows; 65 % for government quota, 20 % at the institute level and 15 % for the AIEEE candidates.

The tentative calendar for the admission procedure against the management seats / vacant seats is as given below;

Last date for request of applications 05-08-2009

Last date for submission of applications 10-08-2009

Dates for announcing final results 20-08-2009

Release of admission list 01-09-2009

Date for acceptance by the candidate 08-09-2009

Last date for closing the admission 10-09-2009

Starting of the academic session 15-09-2009

If the candidate gets admission to any another institute preferably a government organization and wishes to cancel admission here he is allowed to do so. The college refunds all the fees he has paid, keeping some cancellation charges. The fees are returned back to the candidates via cheques.

XI. CRITERIA AND WEIGHTAGES FOR ADMISSION

The candidate has to appear for the state common entrance test (MH-CET) conducted by the directorate of technical education. Depending upon the merit of the test the candidate is supposed to give his options for the branches of the different colleges where he is eager to get the admission. A final allotment list is put up by the DTE, based on which the candidate has to visit the college and get his admission done. Nevertheless the candidate, for appearing the CET he has to secure minimum 50 % of marks in physics, chemistry and mathematics in the 10+2 examination.

The cut off level of the percentage of the admission of the candidates were 50% in PCM for the open candidates and 45% for the reserved candidates. The list of candidates admitted along with their scores is given under the point XIII.

XII. APPLICATION FORM

(Attached with this report)

XIII. LIST OF APPLICANTS AND ADMITTED CANDIDATES

The admissions are still under process

XIV. RESULTS OF ADMISSION AT INSTITUTE LEVEL / VACANT SEATS

The selection team for admission under Institute level is composed of the following members

- | | | |
|------------------------|---|--------------------------------|
| 1. Dr. J.A. Tamboli | - | Principal |
| 2. Mr. Khandagale H.P. | - | Head, Dept of Computer Science |
| 3. Mr. Chougule S.R. | - | Head, Dept of E & TC |
| 4. Mr. Shinde S.K. | - | Head, Dept of I.T. |
| 5. Mr. M.S. Deshmukh | - | Head, Dept of MECH |
| 6. Mr. K.R. Desai | - | Head, Dept of ETX |

The Institute level admissions will commence from 27th August 2008. Currently the CAP admissions are under process.

XV. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE

A. LIBRARY

The library services are provided to students and staff members for updating their knowledge and supporting the research, and teaching learning activities. These services are provided through the central library and departmental libraries keeping in view the fast changes in technology the knowledge base of the library is updated regularly by adding new material in the form of text books, reference books, journals, proceedings, abstracts (National & International) & database on CD-ROM.

SERVICES

BOOK BANK

The College runs a Book Bank intended to assist students, for the economically weak sections of society, by giving text books on pay basis to deserving students for a whole academic semester according to the rules framed for the purpose.

REFERENCE SECTION

A large number of Encyclopedias, Handbooks, and dictionaries are available in the Library. The library has a collection of good books on English and Hindi Literature for leisure reading.

JOURNALS/ABSTRACTS SECTION

Journals being the primary source of information are considered to be the most essential part of the library for research purposes primarily. A number of international & national journals are being subscribed off-line and on-line to facilitate the on going research activities & to expand the areas of engineering domains.

CD ROM ACCESS

The library has a good collection of books on CD-ROM. It also includes CD's that come with different magazines.

AUTOMATION OF LIBRARY

To make the task of maintaining the library comfortably the library records are computerized and the information is obtained quickly for making it accessible to the faculty & students which will save the time.

INTERNET FACILITY

Internet facility has been provided for the students in the library itself. Ten dedicated machines are installed so that the students can immediately access to the internet if they want to.

| Sr. No. | Item | No |
|----------------|-----------------------|-----------|
| 1 | Books | 12210 |
| 2 | Text Books | 7561 |
| 3 | Reference Books | 4649 |
| 4 | Titles | 2306 |
| 5 | Magazines | 20 |
| 6 | National Journals | 15 |
| 7 | International Journal | 35 |

List of National Journals:

1. IEEMA Journal
2. Lab Experiments
3. Indian Journal of power and river valley Dev.
4. Electrical Engineering
5. Electronics and Telecommunication
6. Computer Engineering
7. Mechanical Engineering
8. University News
9. The Indian journal of technical education
10. IETE research journal
11. IETE Technical Review

List of International Journals

1. International Journal of Communication
2. C/C++ users journal
3. Dr. Dobbs journal
4. Linux journal
5. Microsoft system journal for development
6. Software development journal
7. Embedded system programming

8. Web service journal .Net J2ee XML journal
9. IEEE Journals
 - IEEE Transactions on - Broadcasting
 - IEEE Applications – Power distribution
 - IEEE Transactions on – Automatic Control
 - IEEE Transactions on – Speech and Audio processing
 - IEEE Journal of – Solid State Circuits
 - IEEE Transactions on- Geoscience and Remote sensing
 - IEEE Transactions on- Medical Imaging
 - IEEE Transactions on- Signal Processing
 - IEEE - Spectrum
 - IEEE Transactions on- Speech & Audio Processing
 - IEEE Transactions on-Information Theory
 - IEEE Candidates Debate the issues P.8.
 - Computer frontiers of search
 - Computer Graphic
 - IEEE Pattern Analysis and Machine Intelligence
 - IEEE Robotics
 - IEEE Automation Science & Engg.
 - IEEE Parallel & distributed sys.
 - IEEE Knowledge & Data Engg.
 - IEEE Speech & Audio Processing
 - IEEE Mechatronics
 - IEEE Geoscience & Remote Sensing
 - IEEE Broadcast Technology society newsletter
 - IEEE Internet Computing
 - IEEE Security & Privacy
 - IEEE Intelligent Sys.
 - IEEE Automotive Control
 - Journal of Microelectromechanical Sys.
 - IEEE Transaction on signal processing
 - IEEE Transaction on Of solid – State Circuits
 - Spectrum
 - IEEE Transaction on Medical Imaging
 - IEEE Transaction on Mechatronics
 - Computer software development
 - IEEE software
 - Journal of Display Technology

The library has also subscribed to the online journals of the Silicon India Society and IEEE Distributed systems

B. LABORATORY

The Electronics and Telecommunication engineering department and Electronics Department have shared between in all twelve laboratories. The names and the list of major equipments is as follows

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION

MAJOR EQUIPMENTS LIST

| SR NO. | LAB NAME | MAJOR EQUIPMENTS | PRICE IN RS. |
|--------|--|--|--------------|
| 1. | DEPARTMENTAL OFFICE & PROJECT LAB | PC BASED UNIVERSAL PROGRAMMER | 14,175/- |
| | | PCB SHEARING MACHINE | 15,187/- |
| | | UV EXPOSER UNIT FOR DOUBLE SIDED PCB | 30,375/- |
| | | HIGH SPEED PCB DRILL MACHINE | 17,212/- |
| | | PHOTORESISTIVE MATERIAL,CHEMICAL & OTHERS | 29,362/- |
| 2. | ADV.COMM .LAB | PULSE CODE MOD& DEMOD. MAKE: KASTRONICA | 6,835/- |
| | | DELTA MOD & DEMOD. MAKE: KASTRONICA | 12,495/- |
| | | ADAPTIVE DELTA MOD & DEMOD MAKE: KASTRONICA | 13,258/- |
| | | FREQUENCY SHIFT KEKING MAKE: KASTRONICA | 6,423/- |
| | | 4-CHANNEL ANALOG TDM MAKE: KASTRONICA | 13,876/- |
| | | MEASUREMENT OF NOISE MAKE: KASTRONICA | 6,500/- |
| | | VARIOUS LINE CODER MAKE: KASTRONICA | 4,914/- |
| | | MORSE CODE STUDY KIT MAKE:SIGMA | 6,375/- |
| | | STONE DIALING & PULSE DIALING TELEPHONE KIT MAKE:SIGMA | 10,200/- |
| | | STUDY OF MICROPHONE & LOUD SPEAKER MAKE:SIGMA | |
| 3. | MICROPROCESSOR &INSTRUMENTATION LAB | 8085 KITS (12) MAKE:CLASSIK | 81,000 |
| | | MICROCONTROLLER KIT(5) | 33,360 |

| | | | |
|----|---|--|------------------------|
| | | MAKE:CLASSIK | |
| | | STEPPER MOTORS | 13,500 |
| | | DSO MAKE:HAMEG | 1,25,000 |
| | | SPECTRUM ANALYSER MAKE:HAMEG | 1,20,000 |
| | | CAPACITIVE PICK UP MAKE:HEM | 8,921 |
| 4. | ELECTRONIC DEVICES &CIRCUITS LAB | 25MHZ 4 TRACE C.R.O. MAKE:SCINTECH MODEL:803 | 18,846/- |
| | | 20MHZ DUAL TRACE C.R.O. MAKE:INSTEK MODEL:GOS-620 | 16,432/- |
| | | DUAL POWER SUPPLY MAKE:ADROIC MODEL:P-5302D | 5,906 |
| | | | |
| 5. | ADVANCED PROGRAMMING LAB | DATA COMM. TRAINER KIT | 48,219/- |
| | | MATLAB | 3,36,283/ - |
| | | MULTISIM | 93,500/- |
| 6. | DIGITAL & BROADBAND COMM. | ISDN TRAINER WITH ACCESSORIES MAKE-MERGE MODEL-2000AF | 3,10,000/ - |
| | | FIBER OPTICS TRAINER MAKE-SCINTECH MODEL- | 28,875/- |

Department of Electronics

MAJOR EQUIPMENTS LIST

| Sr.No. | LAB NAME | MAJOR EQUIPMENTS | PRICE IN RS. |
|--------|---|---|--------------|
| 1 | POWER ELECTRONICS & CONTROL SYSTEM | 1) Study of effect of feedback on characteristics of dc generator | 5, 45, 394/- |
| | | 2) 3-phase full controlled converter | |
| | | 3) Induction heating | |
| | | 4) DC generator transfer function | |
| 2 | DIGITAL ELECTRONICS & LINEAR INTEGRATED CIRCUIT | 1) Digital IC Tester | 3,73,884/- |
| | | 2) Cathode ray oscilloscope | |
| | | 3) Analog IC tester | |
| | | 4) Digital IC Trainer | |
| 3 | MICROWAVE ENGINEERING | 1) Transmission line Trainer | 3,03,285/- |
| | | 2) Antenna Trainer | |
| | | 3) Microwave Test Bench | |
| | | 4) Motorized antenna Unit | |
| 4 | EMBEDDED SYSTEM | 1) 11 Computers | 3,49,960/- |
| | | 2) Switch D Link | |
| | | 3) 24 pin Port Switch | |
| | | 4) Printer-Epson LQ-300 | |
| 5 | VLSI | 1) CPLD Development kit | 4,61,136/- |
| | | 2) VLSI trainer kit | |
| | | 3) Printer-Epson LQ-300 | |
| 6 | Basic Electronics & Video Engineering | 1) Colour TV Trainer (14") | 2,47, 311/- |
| | | 2) Colour TV Trainer (21") | |
| | | 3) Pattern generator | |
| | | 4) Dual power Supply | |

The Computer Science & Engineering and Information Technology departments have in all 10 laboratories and a computer centre which are utilized by the students of both the departments. Each of these labs is equipped with at least 18 to 20 machines. The Computer centre is equipped with 56 machines.

The detailed information about the laboratories is given below –

COMPUTER SCIENCE AND ENGINEERING

| SR. NO. | NAME OF LABORATORY | MAJOR EQUIPMENTS | PRICE IN RS |
|----------------|-------------------------------------|---------------------------|--------------------|
| 1 | ADVANCED MICROPROCESSOR LAB (LAB V) | COMPUTERS, UPS & PRINTERS | 779162/- |
| 2 | SYSTEM PROGRAMMING LAB (LAB VI) | COMPUTERS, UPS & PRINTERS | 930119/- |
| 3 | DATA STRUCTURE LAB (LAB VII) | COMPUTERS, UPS & PRINTERS | 551364/- |
| 4 | WEB TECHNOLOGY LAB (LAB VIII) | COMPUTERS, UPS & PRINTERS | 310875/- |
| 5 | PROJECT LAB (LAB IX) | COMPUTERS, UPS & PRINTERS | 288215/- |
| 6 | COMPUTER CENTER LAB | COMPUTERS, UPS & PRINTERS | 1612735/- |

INFORMATION TECHNOLOGY

| SR. NO. | NAME OF LAB | AREA | No. of Machines | COST (In Lacks) |
|----------------|---|-------------|------------------------|------------------------|
| 1 | Internet /Web Technology (PL-I) | 58 sqm. | 22 | 9.53 |
| 2 | Operating Systems/ Programming Laboratory (PL-II) | 50 sqm. | 18 | 7.88 |
| 3 | Data Base Engineering (PL-III) | 40 sqm. | 18 | 8.08 |
| 4 | Computer Networks (PL-IV) | 54 sqm. | 20 | 5.50 |
| 5 | Total | 202 sqm. | 78 | 30.99 |

Major Equipment List

| Name of Laboratory | Major Facilities / Equipment Available |
|---|--|
| Internet /Web Technology (PL-I) | 1. IBM Server Computer System X3400 Server 2. IBM X206 Server 3. IBM Rational Suite Enterprise |
| Operating Systems/ Programming Laboratory (PL-II) | 1. APC UPS 10KVA Shared with PL-I 2. Laptop IBM Model No. 9458A12 |
| Data Base Engineering (PL-III) | 1. Oracle 9i for Windows 2000 |
| Computer Networks (PL-IV) | 1. APC UPS 10KVA Shared with PL-III |

The facilities provided through these laboratories include
 Laser Printing
 Document Scanning and Printing
 Web & Digital Cameras
 CD / DVD Writing
 Audio / Video Editing
 Website development
 Networking
 Wi-Fi Networking
 8 Mbps Internet Access

The Mechanical Engineering department is newly setup and has entered into in the first semester of the second year. The laboratories for this semester are as follows –

DEPARTMENT OF MECHANICAL ENGINEERING

| SR. NO. | LAB NAME | MAJOR EQUIPMENTS | PRICE IN RS. |
|---------|--|--|--------------------|
| 1 | Fluid Mechanics / Fluid & Turbo Machinery | Venturimeter and orifice meter, Reynolds appt., notches appt., Pelton Wheel, Francis Turbine, Centrifugal Pump | 5,59,755/- |
| 2 | Applied Thermodynamics | Dropping point appt., Flash & Fire point appt | 60,221/- |
| 3 | Manufacturing Process (Foundry) | Sand Muller, Moisture Tester , Clay Washer | 1,80,826/- |
| 4 | Metallurgy | Microscope, Buffing machine | 1,86,199/- |
| 5 | CAD/CAM Lab | Autocad , CATIA, | 6,76,000/- |
| 6 | Theory Of Machine – I & II | Cam Analysis Appt., Hook's Joint Appt., Gyroscope , Gear Tooth Profile Generator | 156229 |
| 7 | Mechanical Measurement & Control (MMC) | Rota meter, ON OFF switch controller, Dead weight Pressure tester | 1,14,018/- |
| 8 | Heat & Mass Transfer | Heat Exchanger, Heat Pipe | 2,06,562/- |
| 9 | Tool Engineering | Lathe Tool Dynamometer | 24,300/- |
| 10 | Metrology & Quality control | Profile Projector, Sine Bar, | 3,24,399/- |
| 11 | Industrial fluid Power | Hydraulic & Pneumatic Trainer Kit | 2,05,428/- |
| 12 | Workshop | Centre Lathe, milling machine, Hacksaw Machine, Radial drilling machine, CNC lathe Trainer, Shaper, | 26,68,221/- |
| | | GRAND TOTAL | 53,62,158/- |

C. COMPUTING FACILITIES

The college also has a central computing facility located inside the premises. It is also connected to the internet and is kept open round the clock. The number of computers in this college is 239 in all out of which 133 machines are connected by LAN. The speed of the internet is 1 Mbps. The internet facility is available in the library plus in a laboratory for the final year students.

The college has all the latest softwares, the list of which is given below,

| Sr.No. | Name of the Software | Quantity | Price |
|--------|--------------------------------------|----------|------------|
| 1 | I Leap | 01 | 2300.00 |
| 2 | McAfee Antivirus | 01 | 1600.00 |
| 3 | Norton Antivirus | 01 | 1811.00 |
| 4 | Shree Lipi 5.1 Licensed Software | 01 | 4309.00 |
| 5 | Microsoft Windows 98 | 10 | 41082.00 |
| 6 | Borland Turbo C++ Suite | 01 | 11400.00 |
| 7 | Lotus SmartSuite | 01 | 900.00 |
| 8 | MS DOS 6.22 | 01 | 2400.00 |
| 9 | Fortran Compiler | 01 | 10800.00 |
| 10 | COBOL Compiler | 01 | 10800.00 |
| 11 | PASCAL Compiler | 01 | 6886.00 |
| 12 | Novell Netware 5.1 | 30 | 85000.00 |
| 13 | Oracle 8i | 05 | Free |
| 14 | Novell Netware 5.15 | 01 | 44000.00 |
| 15 | Linux 7.1 | 01 | 9000.00 |
| 16 | Windows 2000 | 20 | 144660.00 |
| 17 | Visual Studio 6.0 Enterprise edition | 01 | 11000.00 |
| 18 | Norton Utilities 2000 | 01 | 2500.00 |
| 19 | Oracle 9i | 05 | 54500.00 |
| 20 | Tally 6.3 Single User | 01 | 20250.00 |
| 21 | Windows 2000 Server | 01 | 34250.00 |
| 22 | MS SQL 2000 | 01 | 32000.00 |
| 23 | SCO UNIX | 01 | 60600.00 |
| 24 | Macromedia Flash MX | 01 | 4700.00 |
| 25 | MS OFFICE XP | 01 | 13200.00 |
| 26 | Turbo Assemble 2.0 | 01 | 7600.00 |
| 27 | Dreamweaver 4.0 | 01 | 4400.00 |
| 28 | Multisim Spice Simulation Software | 01 | 93500.00 |
| 29 | MATLAB | 01 | 310213.00 |
| 30 | Quick Heal Antivirus | 01 | 2000.00 |
| 31 | Norton Antivirus 2007 | 01 | 1900.00 |
| 32 | Norton Internet Security 2007 | 01 | 4000.00 |
| 33 | Red Hat Linux V 4 | 01 | 7500.00 |
| | TOTAL | | 1041061.00 |

The configuration of the computers in the college is as listed below,

| | | | |
|-----|--|----|----------|
| 1. | Computers Intel 2.6 Processor 915 GLVGL Motherboard, 256 MB DDR RAM, Simmotronics 80GB Samsung Puma HDD 1.44FDD Sony, 52 X CD ROM Samsung, 17" colour monitor Samsung I ball key board | 14 | 362600/- |
| 2. | P-IV, 2.4 GHZ Intel ,845 GVAD2 Mother Board, 128MB DDR RAM, 40GB IDE , HDD, 1.44 MB FDD, 15" SVGA Colour Monitor, 52*CD ROM, Drive P4 Cabinet + SMPS , Key Board I key , Scroll Mouse Samsung, 10/100 LAN Card. | 04 | 112000/- |
| 3. | Intel P-IV 2.4 Prescaff Intel 845 GUSRL Original motherboard, 256 MB DDR RAM Nynex, 1.44 MB FDD Samsung 17 " color monitor Samsung 80 GB Samsung, Puma 52 x CD ROM Samsung, Samsung keyboard, Samsung scroll mouse, ATX cabinet with SMPS 300W | 02 | 51792/- |
| 4. | Pentium IV 2.8GHZ 845 Intel mother board, 128 MB DDR RAM , 40 GB HDD Samsung, 1.44 FDD Sony, 15" color monitor Samsung, key board sutix multimedia, mouse scroll optical Logitech, 52x CD ROM Acer, 10/100 LAN card | 03 | 76500/- |
| 5. | Intel core 2 Dual Processor , Intel 2.5GHz processor Intel DG 3.1PR Mother Board, 160 GB HDD Sata Segate 1 GB DDR II Dynet DVD Writer Samsung key Board with optical mouse Atx cabinaet with 400 w smps 17" TFT Samsung | 18 | 537264/- |
| 6. | Intel core 2 Dual Processor , Intel 2.5GHz processor Intel DG 3.1PR Mother Board, 160 GB HDD Sata Segate 1 GB DDR II Dynet DVD Writer Samsung key Board with optical mouse Atx cabinaet with 400 w smps 17" TFT Samsung | 18 | 537264/- |
| 7. | Pentium IV 2.8 GHz 845 Mother board 128 MB DDR, 40 GB HDD Samsung , 1.44 FDD Sony, 15" Color monitor Samtron Key board sutix multimedia mouse scroll optical Logitech, 52x CD ROM Acer, 10/100 LAN card. | 11 | 280500/- |
| 8. | Pentium IV 2.8GHZ 845 Intel mother board, 128 MB DDR RAM , 40 GB HDD Samsung, 1.44 FDD Sony, 15" color monitor Samsung, key board sutix multimedia, mouse scroll optical Logitech, 52x CD ROM Acer, 10/100 LAN card | 02 | 51780/- |
| 9. | P-IV, 2.4 GHZ Intel ,845 GVAD2 Mother Board, 128MB DDR RAM, 40GB IDE , HDD, 1.44 MB FDD, 15" SVGA Colour Monitor, 52*CD ROM, Drive P4 Cabinet + SMPS , Key Board I key , Scroll Mouse Samsung, 10/100 LAN Card. | 04 | 112000/- |
| 10. | IBM X 206 Server with 17" IBM Color monitor | 01 | 87750/- |

| | | | |
|-----|--|----|----------|
| 11. | Intel 3.4 Dual core processor Intel 946Gz HS Motherboard 1GB DDR2 RAM Tramasand 160GB Sata HDD Samsung 52-x CD-Rom Samsung 1.44MB FDD Sony TVSE Gold Key Bord With Logitech Optical Mouse frontech with AT x cabinet With 400w SMPS | 01 | 34440/- |
| 12. | Intel 3.4 Dual core processor Intel 946Gz HS Motherboard 1GB DDR2 RAM Tramasand 160GB Sata HDD Samsung 52-x CD-Rom Samsung 1.44MB FDD Sony TVSE Gold Key Bord With Logitech Optical Mouse frontech with ATX cabinet With 400w SMPS | 19 | 711360/- |

D. WORKSHOP

The central workshop facility is available for the students which is located away from the lecture rooms. The workshop is equipped with all the latest material and it also has skilled staff to assist the students in doing various jobs.

The experiments conducted in the workshop in the first semester of the first year engineering are

CARPENTRY

FITTING

And those conducted in the second semester are as follows

SHEET METAL WORK

WELDING

SMITHY

The workshop also manufactures the following equipments –

| SR. NO. | ITEM | QTY | COST(RS) | TOTAL COST |
|---------|-----------------------|-----|--------------|------------|
| 1 | STOOL | 300 | 400/ STOOL | 1,20,000 |
| 2 | PIN BOARD | 22 | 60/SQFEET | 13,800 |
| 3 | COMPUTER TABLE | 07 | 1300/ TABLE | 9,100 |
| 4 | DRAWING DESK | 40 | 900/ DESK | 36,000 |
| 5 | PODIUM | 01 | 1,500 | 1,500 |
| 6 | BENCH | 02 | 1600 /BENCH | 3,200 |
| 7 | WATER COLLER STAND | 04 | 400/STAND | 1,600 |
| 8 | SPEAKER STAND | 04 | 300/STAND | 1,200 |
| 9 | MODEL(ENGG.DRG) | 04 | ----- | ----- |
| 10 | DRAWING TOP | 100 | 220/TOP | 22,000 |
| 11 | COMPUTER TABLE | 03 | 1500/TABLE | 4,500 |
| 12 | STORE RACK | 06 | 500/ RACK | 3,000 |
| 13 | BOOK SUPPUORTER | 300 | 50/ NO | 15,000 |
| 14 | PRACTICAL TABLE | 15 | 2236/TABLE | 33,540 |
| 15 | CLASSROOM PODIUM | 06 | 1165/ PODIUM | 6,990 |
| 16 | STAFF TABLE | 04 | 800/ABLE | 3,200 |

| | | | | |
|----|-------------------|----|--------------|-----------------|
| 17 | COMPUTER TABLE | 01 | 1000/- | 1,000 |
| 18 | PAPER STAND | 03 | 800/ STAND | 2,400 |
| 19 | JOB DISPLAY BOARD | 01 | 1000/- | 1,000 |
| 20 | CLASSROOM PODIUM | 11 | 1400/ PODIUM | 15,400 |
| 21 | STAFF TABLE | 12 | 800/ TABLE | 9,600 |
| 22 | PRACTICAL TABLE | 06 | 1800/ TABLE | 10,800 |
| 23 | GRILL(HOSTEL) | 01 | 5600/- | 5,600 |
| 24 | STOOL | 60 | 554/ STOLL | 33,240 |
| | | | TOTAL | 3,53,370 |

Academic Calendar of the University:

| | First Term | | Second Term | |
|---|-------------|-----------------|----------------|-------------|
| | Start | End | Start | End |
| 1 | 1 July 2009 | 31 October 2009 | 1 January 2010 | 15 May 2010 |

ACADEMIC PLANNING OF THE COLLEGE (2009-10)

**Department of Computer Science and Engineering
SEMESTER-I**

| DATE | PROGRAM | RESPONSIBLE PERSON |
|--|--|---------------------|
| 1 st July, 2009 | Commencement of 1 st Term | Mr. H.P. Khandagale |
| 2 nd week of July, 2009 | Selection of Student Representative for CESA | Mr. Mirajkar R. P. |
| 1 st week of Aug,2009 | Inauguration of CESA | Mr. Mirajkar R. P. |
| 2 nd week of Aug,2009 | Aptitude Test For BE Students | Mrs. Pawar V.G. |
| 4 th week of Aug,2009 | IT related Seminar | Miss. Yadav G.B. |
| 1 st To 3 rd Sep,2009 | Unit Test-I / Result processing | Mr. Karande N.D. |
| 1 st week of Sep,2009 | IT related Seminar | Miss. Yadav G.B. |
| 5 th September,2009 | Teacher Day Celebration | Mrs. S.M. Mulla |
| 2 nd week of Sep,2009 | Industrial Visit | Mr. Sagar Patil |
| 15 th Sep,2009. | Engineer's Day Celebration | Miss. G.B. Yadav |
| 22 nd to 25 th Sept,2009 | Teacher's Feedback | Mr.Mullani M.I. |
| 2 nd week of Oct 2009. | Visit to BSNL for SE student | Mr. Sagar Patil |
| 12 th to 14 th Oct,2009. | Internal POE/OE Exam | Mr. Pawar V. G. |
| 16 th Oct,2009 onward | University POE/OE Exam Work | Mr. Pawar V. G. |
| Inter Semester Holidays | Staff Development Workshop | CSE & IT Department |
| SEMESTER- II | | |
| 1 st Jan 2010 | New Year Celebration | Mr. Mulla S. M. |

| | | |
|---|---|--|
| Last week of Jan 2010 | Linux related Seminar | Mr. H.P. Khandagale |
| 1 st Week of Feb 2010 | Guest Lecture on ANN | Mr. H. P. Khandagale |
| 2 nd week of Feb 2010 | Aptitude Test for TE Student | Mrs. Pawar V.G. |
| 23 rd To 25 th Feb 2010 | Unit Test –I / Result processing | Mr. Karande N.D. |
| 1 st week of Mar. 2010 | Programming Contest | Mr. Mirajkar R.P. Mr. Mullani M. I. |
| 3 rd week of March 2010 | Industrial Visit | Mr. Sagar Patil |
| 1 st To 3 rd April 2010 | Teacher's Feedback | Mr. Mullani M.I. |
| Holidays | GATE/GRE Coaching for Interested TE Student | All Staff Members |

Department of Information Technology

| Date | Program | Responsible Staff |
|--|--|--|
| 01/07/2009 | Commencement of the first term | Mr. S.K. Shinde |
| 2 nd Week of July 2009 | Selection of Student Representatives of ITSA | Mr. C.J. Awati |
| 2 nd Week of July 2009 | Inauguration of ITSA | Mr. C.J. Awati Mr. S.S. Sawant |
| 1 st week of August 2009 | Aptitude Test for B.E. Students | Ms. D. S. Patil Mr. S.U. Kadam |
| 28 th to 31 th August 2009 | Unit Test – I | Mr.A.B.Chougule Mrs. M.S. Kalas |
| 1 st week of August 2009 | IT related seminar | Mrs. M.S. Kalas |
| 2 nd week of Sept 2009 | IT related seminar | Mr. S.K. Shinde Mr.A.B.Chougule |
| 05/09/2009 | Teachers day celebration | Mr. H.A. Tirmare |
| 15/09/2009 | Engineers Day celebration | Mrs. M.S. Kalas |
| 2 nd week of Sept 2009 | Industrial Visit | Mr. H.A. Tirmare Mr. P. A. Patel |
| 2 nd week of Oct 2009 | Visit to BSNL for SE students | Mr. P. A. Patel Mr.P.H.Ghatage |
| 5 th to 7 th Oct 2009 | Unit Test – II | Mr.V.D.Chougule Mr.P.M. Pawar |
| 24 th to 26 th Oct 2009 | Feedback | Mr.H.A.Tirmare Mr. P. A. Patel Mrs. M.S. Kalas |
| Inter Semester Holidays | Staff Development Workshop | IT Department |
| Semester – II | | |
| 01/01/2010 | Commencement of the Second term | Mr. S.K. Shinde |
| Last week of Jan 2010 | One day workshop | Mr. S.K. Shinde Mr. C. J. Awati |
| 2 nd week of Feb 2010 | Aptitude Test for T.E. students | Ms. D. S. Patil Mr. S. S. Sawant |

| | | |
|---|------------------|---|
| | | Mr. P.H. Ghatage |
| 22 to 24 Feb 2010 | Unit Test – I | Mr. A.B. Chougule Mrs. M.S. Kalas |
| 2 nd Week of March | One day seminar | Mr. C.J. Awati Mr. S.U. Kadam |
| 3 rd week of March 2010 | Industrial Visit | Mrs. M.S. Kalas Mr. P. A. Patel Mr. H. A. Tirmare |
| 29 to 31 March 2010 | Unit Test – II | Mr. V.D.Chougule Mr.P.M. Pawar |
| 1 st to 3 rd April 2010 | Feedback | Mr.H.A.Tirmare Mr. P. A. Patel Mrs. M.S. Kalas |

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
SEM-I**

| DATE | PROGRAM | NAME OF STAFF |
|--------------------------------|---|--|
| 4 th Week of July | Anniversary function of ETSA & S.E. Welcome | Prof P.B.Ghewari Prof. Mrs. J.K.Patil |
| 2 nd Week of August | ETSA Activity (Project Selection Guidelines & Technical Seminar) | Prof P.B.Ghewari |
| 4 th Week of August | ETSA Activity (Personality Development) | Prof S.S.Pawar Prof. S.S.Nagtilak |
| 1 st Week of Sept. | Unit Test | Prof Ms. R.N. Kulkarni Prof Ms. P.Ganeshcharya |
| 2 nd Week of Sept. | Quiz & Debit Competition | Prof. Mrs. D. M. Torgalkar Prof. Mrs. A.F. Mulla |
| 4 th Week of Sept. | Expert Lectures | Prof. Mrs. A.S. Wagh Prof. Mrs. J. K. Patil |
| 1 st Week of Oct. | Internal & External Practical Examination Preparation | Prof Ms. P.H. Dixit Prof Ms. A. B. Rohidas |

SEM-II

| DATE | PROGRAM | NAME OF STAFF |
|--------------------------------|---|--|
| 4 th Week of July | Anniversary function of ETSA & S.E. Welcome | Prof P.B.Ghewari Prof. Mrs. J.K.Patil |
| 2 nd Week of August | ETSA Activity (Project Selection Guidelines & Technical Seminar) | Prof P.B.Ghewari |
| 4 th Week of August | ETSA Activity (Personality Development) | Prof S.S.Pawar Prof. S.S.Nagtilak |

| | | |
|-------------------------------|---|--|
| 1 st Week of Sept. | Unit Test | Prof Ms. R.N. Kulkarni Prof Ms. P.Ganeshcharya |
| 2 nd Week of Sept. | Quiz & Debit Competition | Prof. Mrs. D. M. Torgalkar Prof. Mrs. A.F. Mulla |
| 4 th Week of Sept. | Expert Lectures | Prof. Mrs. A.S. Wagh Prof. Mrs. J.K.Patil |
| 1 st Week of Oct. | Internal & External Practical Examination Preparation | Prof Ms. P.H. Dixit Prof Ms. Asmita Rohidas |

Department of Electronics Engineering

First Semester

| DATE | PROGRAM | NAME OF STAFF |
|--------------------------|--|---|
| First week of July | Commencement of 1 st Semester of SE,TE & BE Class | |
| Fourth week of July | Anniversary Function of ETSA & SE Welcome Function | Prof. R.R.Ravan Prof. A.S.Mohite. |
| Third week of August | Debate Competition | Prof. Mrs.M.H.Deshmukh Prof. Mrs.R.D.Patil |
| Fourth week of August | Quiz Competition | Prof. A.R.Kittur Prof. S.R.Dodmise |
| First week of September | Unit Test-I | Prof. A.S.Mohite Prof. Ms R .P.Onkare |
| Fifth September | Teachers Day Celebration | Prof. K.R.Desai Prof. Ms D.J.Burate |
| Fifteen September | Engineer's Day Celebration | Prof. Ms S.P.Kalyankar Prof. Mrs S.M.Mane |
| Second week of September | Technical Seminar | Prof. S.R.Dodmise Prof. Ms B.S.Majagonkar |
| Fourth week of September | Educational Visit(SE & TE Class) | All Staff |
| | Expert Lectures(for BE Class) | BE –Subject In charges |
| Third week of October | Semester End | |

Second Semester

| DATE | PROGRAM | NAME OF STAFF |
|-----------------------|--|---------------------------------------|
| First week of January | Commencement of 2 nd Semester of SE,TE & BE Class | |
| Third week of January | Technical Seminar | Prof. A.S.Mohite Prof.Mrs S.M.Mane |

| | | |
|-------------------------|-------------------------------|---|
| Second week of February | Industrial Tour | All Staff |
| Fourth week of February | Unit Test-I | Prof. Ms S.P.Kalyankar Prof. Ms D.J.Burate |
| Second week of March | Paper presentations | Prof. R.R.Ravan Prof. Ms R .P.Onkare |
| First week of April | Personality development | Prof. K.R.Desai Prof. Mrs.R.D.Patil |
| Third week of March | Expert Lectures(for BE Class) | All Staff |
| Third week of April | Semester End | |

DEPARTMENT OF MECHANICAL ENGINEERING

Semester – I

| DATE | PROGRAM | RESPONSIBLE PERSON |
|--|--|---|
| 1 st July 2009 | Term Starts | |
| 3 rd week of July 2009 | Formation of MESA Committee | Prof. Kadam A.P. |
| 3 rd week of July 2009 | Opening of E4 Building of Mechanical Dept. | Prof. Kadam A.P. |
| 1 st to 3 rd Sep. 2009 | Unit Test | Prof. Sawant P.J. |
| 4 th Sept. 2009 | Workshop on Solid Works | Prof. Soudagar F.M. Prof. Sawant P.J. |
| 5 th Sept. 2009 | Teachers day | Prof. Desai N.S. |
| 22 nd Sept. 2009 | Industrial Tour | Prof. Patole P.B. Prof. Dhale M.S. |
| Last week of Sept. | Seminar | Prof. Soudagar F.M |
| 1 st week of Oct. | Seminar | Prof. Suryavanshi A.S.. Prof. Wagh M.M |
| 15 th Oct. 2009 | Term End | |

Semester – II

| DATE | PROGRAM | RESPONSIBLE PERSON |
|------------------------------------|----------------------|---|
| 1 st Jan 2010 | Term Starts | |
| 1 st week of Feb. 2010 | Technical Seminar | Prof. Suryavanshi A.S.. Prof. Mulla T.M. |
| 3 rd week of Feb. 2010 | Industrial Tour B.E. | Prof. Sawant P.J. Prof. Suryavanshi A.S. |
| 4 th to 6 th | Unit Test | Prof. Sawant P.J. |

| | | |
|-----------------------------------|----------------------|---|
| march 2010 | | |
| 2 nd week of feb. 2010 | Industrial Tour T.E. | Prof. Desai N.S. Prof. Kadam A.P. Prof. Patole P.B. |
| 2 nd week of mar. 2010 | Expert Lecture | Prof. Desai N.S. |
| 15 th april 2010 | Term End | |

The institute gives sufficient incentive for everyone to excel in any of the plethora of activities and skills available. Facilities and training is provided for various games like cricket, volleyball, soccer, basketball, table-tennis and others. The college also has the gymnasium facility within its premises.

The three departments of this college have introduced students' associations' viz. Computer Engineering Students Association (CESA), Electronics Engineering Students Association (EESA) and Information Technology Students Association (ITSA). For co-curricular and extra curricular development these associations organize seminars, workshops, industrial tours, exhibitions and many other activities.

The total number of classrooms, drawing halls and tutorial rooms in the college are as follows:

| Sr. No | Description | No. | Area (Sqm) |
|--|---|-----|------------|
| Existing Class room Carpet area | | | |
| 1. | E-I Wing& Central wing passage side at First floor level | 01 | 95 |
| 2. | E-I Wing& Central wing passage side at Second floor level | 02 | 90 |
| 3. | E-I Wing& Central wing passage side at Third floor level | 01 | 85 |
| 4. | E-III wing Ist to IVth floor | 08 | 85 |
| Laboratories existing carpet area | | | |
| 1. | E-I Wing Ground Floor East Side | 01 | 160 |
| 2. | E-I Wing Ground Floor West Side | 01 | 180 |
| 3. | E-I Wing First Floor East Side | 02 | 55 |
| 4. | E-I Wing First Floor West Side | 02 | 55 |
| 5. | E-I Wing Second Floor West Side | 01 | 120 |
| 6. | E-I Wing Third Floor West Side | 02 | 100 |
| 7. | E-II Wing Ground Floor East Side | 01 | 180 |
| 8. | E-II Wing Ground Floor West Side | 01 | 250 |
| 9. | E-II Wing First Floor East Side | 01 | 130 |
| 10. | E-II Wing First Floor West Side | 02 | 85 |
| 11. | E-II Wing Second Floor East Side | 01 | 115 |
| 12. | E-II Wing Second Floor West Side | 02 | 85 |
| 13. | E-II Wing Third Floor East Side | 01 | 110 |
| 14. | E-II Wing Third Floor West Side | 02 | 80 |

| | | | |
|--------------------------|-------------------------------------|-----------|------------|
| 15 | E-II Wing Fourth Floor East Side | 01 | 90 |
| 16. | E-II Wing Fourth Floor West Side | 02 | 80 |
| 17. | E-IV Wing Ground Floor east side | 01 | 160 |
| 18. | E-IV Wing Ground Floor West side | 02 | 90 |
| 19. | E-IV Wing First Floor east side | 01 | 130 |
| 20. | E-IV Wing First Floor West side | 02 | 90 |
| 21. | E-IV Wing Second Floor east side | 01 | 110 |
| 22. | E-IV Wing Second Floor West side | 02 | 85 |
| 23. | New Workshop Ground Floor West side | 01 | 190 |
| 24. | New workshop Ground Floor West side | 01 | 105 |
| 25. | New workshop Ground Floor West side | 01 | 60 |
| WORKSHOP BUILDING | | | |
| 1. | Old Workshop Ground Floor East side | 02 | 100 |
| 2. | Old Workshop Ground Floor East side | 01 | 100 |
| 3. | Old Workshop First Floor East side | 02 | 100 |
| 4. | New Workshop Ground Floor East side | 01 | 225 |
| 5 | New Workshop Ground Floor East side | 01 | 300 |

| | | | |
|---|-------------------------------------|-----------|------------|
| PROPOSED Laboratories existing carpet area | | | |
| 1. | E-IV Wing Third Floor east side | 01 | 110 |
| 2. | E-IV Wing Third Floor east side | 02 | 85 |
| 3. | E-IV Wing Fourth Floor east side | 01 | 100 |
| 4. | E-IV Wing Fourth Floor east side | 02 | 80 |
| 5. | New Workshop Ground Floor East side | 01 | 185 |
| 6. | New Workshop Ground Floor East side | 01 | 75 |
| 7. | New Workshop Ground Floor East side | 01 | 110 |
| 8. | New Workshop Ground Floor West side | 01 | 500 |

The curriculum and syllabus for each programme as approved by the university is attached along with this report. The average teaching load per staff member of every department is around 17 to 18 hours per week.

There is a dedicated examination cell which takes care of all the exam related activities. Lectures by eminent experts in the subjects and social and extra curricular activities are being held periodically in the college. The students are evaluated continuously by internal assessment methods such as conducting tests, seminars, group discussions, paper presentations etc. The paper presentation activity by the students with needed assistance from the teachers equips the students for making adequate reference work out of the syllabus reading, how to write research papers etc. The findings and outcomes of research papers are really noteworthy.

The college arranges for guest lectures by experts in the respective field. The students are exposed to the modern developments in the subject. Some lectures pertaining to general topics such as “personality development” are also arranged. Along with the academic development of the students brought in through their internal tests and assessments this helps them to develop their overall personality. This is of immense importance considering the need of industrial world. The students are required to undergo a test after completion of every chapter. The student is also required to give a seminar on any recent ongoing industrial topic. The students are also made familiar with the recent programming languages to improve their soft skills. The departments arrange for group discussion, quiz, aptitude tests and programming contests from time to time. The students also in turn evaluate the staff members by giving feedbacks on various constraints laid down by the college.

BHARTI VIDYPAEETH'S COLLEGE OF ENGINEERING, KOLHAPUR.

Annexure 1 – Copy of Mandatory Disclosure

As per the notification, Mandatory Disclosure is for accredited programs. Our College is started in Year 2001. So far three batches are passed out from our college. Mandatory Disclosure is already uploaded on our college website: “www.bvcoek.org” and the copy is also enclosed herewith.

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