

We
deliver
strength



“Because climbing to the top demands strength, whether it is to the top of Mount Everest or to the top of your CAREER”



Pune District Education Association's
COLLEGE OF ENGINEERING
Manjari (BK), Pune

Approved by A.I.C.T.E. New Delhi No. 740-89-316 E/ET/98
Affiliated to University of Pune | ID No. PU/PN/Engg./130/1998



Our Inspiration



Hon'ble Sharad Pawar
Union Cabinet Minister, Government of India
Agriculture, Consumer Affairs, Food & Distribution

Dynamic Leader



Hon'ble Ajit Pawar

Deputy Chief Minister, Maharashtra state
President, Pune District Education Association



From the President's Desk



Dear Students,

With great pleasure, I accord warm welcome to you to our college in the capacity of the President of Pune District Education Association, under the aegis of which this college is flourishing. The trust has a rich and glorious tradition of imparting education, grooming and nurturing students for the last seven decades - seventy one years to be precise. This trust, incepted in 1941 with the mission of providing basic education to eradicate the social evil "illiteracy" prevalent in those times, has blossomed into a conglomerate of schools, colleges and technical institutions, thereby not only giving the students the concept of a one-stop-shop. i.e. completing their entire education from schooling to graduation to post graduation in this trust but also a wide array of courses to choose ranging from graduation and post

graduation in traditional arts, science, commerce as also Computer Science, Pharmacy, Management, Ayurved, Engineering, Microbiology etc.

This is competitive era and also an era of dynamic ups and downs. The central government, state governments and related organizations like AICTE, DTE, UGC, CCIM, PCI, Pune University etc. are taking the necessary steps to make education more industry worthy. From our trust, the necessary infrastructure in the form of state-of-the-art buildings, laboratories, library, auditorium, conference rooms, class rooms etc. which are a class apart have been provided to make it a conducive learning environment for our students. Adequate, highly qualified, trained, motivated and responsive faculty is always present to inspire the students to excel in their goals ahead.

Apart from the regular academic inputs, students are given the co-curricular and extra-curricular activities opportunities coupled with soft skills training to ensure their wholesome development.

You are embarking on a career path and I advice you to be thoroughly professional in your approach right from choosing the course to its successful completion. Moreover, it is a knowledge era and students who can assimilate and disseminate the right knowledge at right place and right time are going to make their marks. So the onus is on students to ensure that they carry out their cardinal duty of learning very sincerely, by having a penchant for reading and knowledge, by developing proficiency in written and oral communications and by setting a goal and working relentlessly towards it. I assure you that college and the trust are doing their measure to assist and guide you in this aspect. I wish you a rewarding and learning experience in this college of Pune District Education Association.

President,
Pune District Education Association, Pune.



Pune District Education Association

48/1A, Erandawana, Paud Road, Pune- 411038. (Maharashtra)

Ph. No. (020) 2543 4570, 2543 7341, 2545 8327.

Fax. (020) 2543 8705. E-mail:- pdeahead@vsnl.net



Managing trustee

President

Hon'ble AJIT PAWAR

Deputy Chief Minister
Maharashtra State

Shri. Sandeep Kadam

Hon'ble Secretary

Shri. Rajendra Ghadge

President's Representative

Shri. Adv. Mohanrao Deshmukh

Treasurer

Shri. P. E. Kulkarni

Asst. Secretary

Shri. A. M. Jadhav

Jt. Secretary (Administration)



Best Educational Institute Award





Contents

Vision	08
About Institute	09
Principal's Message	10
Institutional Pillors	11
Institutional Details	12
Tuition & Development Fee	12
Admission Process	13
Teaching Faculty	14
Govt. Scholarship & Concession	15
Mechanical Engineering	16
Computer Engineering	18
Electronic Engineering	20
Information Technology	22
Instrumentation & Control Engineering	24
Business Administration (MBA)	26
First Year Engineering	27
Training & Placement	28
Recruiters	30
Say No Ragging	31
Discipline & Attendance	31
Library	32
Gymkhana	33
Cultural Activities	34
Photo Gallery	35



Vision

Strive to provide nurturing ground for development of individual to make effective contribution to the society in dynamic environment through academic excellence and professional competence.

Core Values & Objectives

- Pursuit of Academic excellence
- Commitment to education and Research
- Advance Mechanics of training
- Growth and Expansion
- Quality Infrastructure
- Eminent Teaching Faculty
- Orienting National Strategies
- Dedication to promote integrations

Salient Features Of The College

- Spacious well furnished building.
- Spacious well equipped library.
- Spacious well equipped laboratories.
- Spacious Computer laboratory with Internet.
- Training & placement facility

Earn & Learn Scheme.

- Efficient administrative staff
- Experienced and Qualified teaching staff.
- Economic & other concessions for backward students.
- Government & other feeconcessions & scholarships.





About Institute

P.D.E.A's College of Engineering, Manjari, is established in the year 1998 by PDEA with an objective to exploit rural talent in the field of engineering. The college is affiliated to the University of Pune and is approved by A.I.C.T.E. New Delhi and Govt. of Maharashtra.

The college is located in Manjari, Hadapsar. It is about 15 km away from Pune Railway Station and easily accessible by Pune Municipal Transport buses and auto rickshaws. Hadapsar main bus stop is about 7 km away from the college and it is well connected to other main bus stops of the city like Shivaji Nagar, Swargate, Pune Railway Station etc. The college offers four year degree courses in engineering & two year MBA degree .





Principal's Message

“

It gives me immense pleasure to present the information of institute in this brochure. Engineering is considered as one of the dream path for success by youngsters. Today India is progressing rapidly & emerging as global power. The world is watching towards India with great admiration even more glorious future for India.

Faculty, supporting staff & students of this institute are committed for excellence in Engineering education in line with expectations of industry. Student is always considered as the centre of activity in teaching learning scheme which are comprehensive & inclined for overall development. During four years of course emphasis is given on moulding engineering student into engineering professional.

Training programs, Campus placement activities, personality enrichment are efficiently executed at this institute. Institute is trying to provide exposure to the students to make them competent & versatile for lifetime challenges through various activities.

I wish the aspiring engineers all the best for their future endeavor.
All the Best forever.

”

Dr. K. R. Harne
PRINCIPAL



Our Institutional Pillars



Front Row - from left : Prof. S.A. Patil, Dr. K.R. Harne, Prof. S.B. Choudhari, Prof. D.O. Patil.

Back Row - from left : Prof. D.A. Kamble, Prof. R.M. Shahu, Dr. S.R. Mudi, Prof. R.V. Patil., Prof. A.B. Gadewar

Message from Dean



For prospective students who are looking for college as a home, I hereby would like to assure that this college would be ever cherished destination for them. The office of the Dean Student

Welfare provides ample scope, opportunities and facilities for the all-round development of personality and leadership qualities among the students. Students participate effectively in the management of hostels, games & sports, cultural and literary activities, professional societies in this college under the guidance of staff counselor. The Student Welfare activities are divided into activities related to professional societies, Liberal Education, Physical Education, N.S.S. etc.

I encourage you to take advantage of the opportunities afforded you. Your opportunities are endless. We challenge you to make the most of them. Please join us!

Prof. S.A. Patil
(Dean Student Welfare)



Welcome to the PDEA's college of Engineering, Manjari (Bk), Pune University. Thanks to our faculty and students that is literally inventing the future. We educate students to become

engineering innovators and key contributors to technical knowledge on a global scale. We especially focus on developing students in capacity for maintaining the discipline; critical thinking; enabling them to recognize human and societal needs; create value through entrepreneurial efforts; and embrace an international perspective.

We are particularly proud of our relationships with many of these technology leaders. because of these relationships students find unparalleled opportunities for real-world experience before they hit the workforce. We invite you to help us to define the future.

Dean Administration
Prof. S. B. Chaudhari.
(Dean Admin.)



Welcome to the Faculty of Engineering. We are committed to teaching and research excellence in Engineering Sciences. We have a track record of graduating

students who are sought-after for their leadership and communication skills, and for their spirit of innovation and entrepreneurship in technology.

We are aligned with PUNE UNIVERSITY's Academic Mission to provide high-quality, student-centred learning experiences. For our people, more than 100 faculty members and 40 staff, this means exploring opportunities arising from our industry partnerships, creating interdisciplinary programs in key areas and offering experiential learning through capstone projects, co-op work terms.

We invite you to learn more about our faculty members, research, well-integrated co-op opportunities and challenging academic programs.

Prof. D.O. Patil
(Dean Academic)



Institutional Details

Course Name	Year	Intake	General Choice Code	TFWS Choice Code
Mechanical Engg	1998	60	620661210	620661211
Computer Engg.	1998	60	620624510	620624511
Instrumentation & Control Engg.	1998	30	620646610	620646611
Information Tech.	2001	30	620624610	620624611
Electronics Engg.	1998	60	620637610	620637611
MBA	2009	60	620610110	

Tuition & Development Fee

For Engineering Courses (Pre-revised)	RS.77,000/-
For MBA Courses (Pre-revised)	Rs.77,000/-
Caution Money (Refundable)	Rs. 7,000/-
University pro-rata fee	Rs. 160/-

The above fees are subject to revision by Shikashan Shulka Smiti, Mumbai. Students have to pay the balance fees after declaration of final fees by Shikshan Shulka Samiti.



Admission Process

for various courses for Academic Year : 2013-14

The rules and information given here are applicable for admission to the First year Engg., Direct second year Engg., and MBA . DTE, Mumbai will declared the allotment list of Students round wise for admission to Academic Year 2013-14.

Following Steps are for the Smooth Admission:

1. Show the **Allotment Letter** in the Office and confirm the name in the allotment list.
2. Collect **Admission Form** from the Office.
3. Students should fill up the admission forms as per the instructions
4. Required Original Documents along-with 2 sets of attested Xerox copies in the following sequence:
 - a. Allotment Letter of D.T.E.
 - b. MT CET/JEE Score Card.
 - c. 10th Marksheet.
 - d. 12th Mark sheet/Diploma Mark sheet (For Direct Second Year)/Graduate Mark sheet (For-MBA)
 - e. Leaving Certificate.
 - f. Migration Certificate (Board except Maharashtra.)
 - g. Nationality Certificate of student.
 - h. Domicile Certificate of student.
 - i. Caste Certificate (if applicable).
 - j. Caste Validity (if applicable).
 - k. Undertaking regarding non submission of Caste Validity Certificate as per **Proforma- H** on Non-Judicial stamp paper of ` 100/- duly notrised.
 - l. Non-Creamy Layer (if applicable)
 - m. Gap Certificate (if applicable)
 - n. Affidavit regarding anti ragging to be submitted by the applicant on non-judicial stamp paper of 100/-
5. Admission Fees for A.Y. 2013-14 is displayed on Notice Board/College Website www.pdeacoem.com
6. Admission Fees should be paid by D.D. in favour of The **Principal, PDEA's College of Engineering, Manjari Bk. payable at Pune.**
7. Verification of the Original Documents & form filling will be done in Conference Hall
8. **Original Documents will be return after the verification of DTE Office, Mumbai & Pravesh Niyantaran Office, Bandra, Mumbai as per the schedule given by student section. For collecting Original Documents student should present acknowledgment receipt given at the time of admission.**
9. After the verification of original documents student should report for Online Confirmation and submission of Original Documents.
10. Then Student should go to the the submission of the Admission Form & Fees D.D. & get the receipt.
11. After the Confirmation of admission on online website of DTE, student should get the signature of Asstt. Registrar on the Confirmation Letter.

(Note: All Xerox Copies should be attested)



Pune District Education Association's College of Engg, Manjari (Bk), Pune 421307

Teaching Faculty

Sr.No	Name of Staff	Designation	Qualification
1	Dr.K.R.Harne	Principal	Ph.D (IIT Roorkee)

Mechanical			
1	Prof.D.A.Kamble	Asso.Prof.	M.E. PhD.Regd.
2	Prof.S.A.Patil	Asst.Prof.	M.E
3	Prof. B.K.Suryatal	Asst. Prof.	M.E. PhD.Regd.
4	Prof.A.A.Bagwan	Lecturer	B.E
5	Prof. A.V.Dumbre	Asst. Prof.	B.E
6	Prof.Kumbhar N.A	Asst. Prof.	B.E
7	Prof.Gaikwad A.D	Asst. Prof.	B.E
8	Prof.Shirsath S.S	Asst. Prof.	B.E
9	Prof.S.K.Madane	Lecturer	B.E
10	Prof.A.N.Korshetti	Lecturer	B.E
11	Prof.D.S.Kamathe	Lecturer	B.E
12	Prof.P .S.Jadhav	Lecturer	B.E

Electronics			
1	Prof.R.M.Sahu	Asst. Prof.	M.E
2	Prof. K.A.Kumbhhar	Asst. Prof.	M.E
3	Prof.K.P.Kshirsager	Asst. Prof.	M.Tech
4	Prof.Kambale S.B	Asst. Prof.	M.E
5	Prof.Moze R.K	Asst. Prof.	B.E
6	Prof.Bankar S.M	Asst. Prof.	M.E
7	Prof.P .B Taralkar	Asst. Prof.	B.E
8	Prof.Jadhav R.R	Asst. Prof.	M.E
9	Prof.S.R.Zadokar	Lecturer	B.E
10	Prof.S.M.Agarwal	Lecturer	B.E
11	Prof.V .K.Dhumal	Lecturer	B.E
12	Prof.G.R.Varma	Lecturer	B.E
13	Prof.Shinde A.A	Lecturer	B.E

Computer			
1	Prof.S.B.Chaudhari	Asso. Prof.	M.E. PhD.Regd.
2	Prof.R.V.Patil	Asso. Prof.	M.Tech, PhD.Regd.
3	Prof.S.V.Phulari	Asst. Prof.	B.E
4	Prof.S.M.Bhadkumbe	Asst. Prof.	M.E
5	Prof.N.D.Sonawane	Asst. Prof.	B.E
6	Prof.S.U.Ursal	Asst. Prof.	BE
7	Prof.A.A.Bhamnikar	Asst. Prof.	B.E
8	Prof.M.C.Hingane	Asst. Prof.	M.Tech
9	Prof.R.B.Rathod	Asst. Prof.	B.E
10	Prof.B.S.Kankate	Asst. Prof.	B.E
11	Prof.S.V.Shinde	Lecturer	B.E
12	Prof.M.S.Gardi	Lecturer	B.E
13	Prof.K.T.Belerao	Lecturer	B.E

Sr.No	Name of Staff	Designation	Qualification
Instrumentation			
1	Prof.D.O.Patil	Asso.Prof.	M.E. PhD.Regd.
2	Prof.S.T.Sanamdikar	Asso.Prof.	M.E. PhD.Regd.
3	Prof.M.C.Pande	Asst. Prof.	B.E
4	Prof. A.T.Borkar	Asst. Prof.	B.E
5	Prof.V .G. Suryawanshi	Asst. Prof.	B.Tech.
6	Prof.S.S.Shete	Lecturer	M.E
7	Prof.D.S.Dhande	Lecturer	B.E
8	Prof.M.R.Purohit	Lecturer	M.E

I.T			
1	Prof.N.R.Jain	Asso.Prof.	M.E. PhD.Regd.
2	Prof.A.B.Gadewar	Asst. Prof.	B.E
3	Prof. S.A.Kakade	Asst. Prof.	M.E
4	Prof.D.S.Hirolikar	Asst. Prof.	M.E
5	Prof.R.M.Kawale	Asst. Prof.	B.E
6	Prof.Saraswat Shalu	Asst. Prof.	B.E
7	Prof.P .D.Kulkarni	Lecturer	B.E
8	Prof.A.S.Chanchlani	Lecturer	B.E

F.E			
1	Dr.S.R.Mudi	Asst. Prof.	Ph.D
2	Prof.M.S.Kedari	Asst. Prof.	M.Sc,B.Ed
3	Prof.N.B.Bhalerao	Asst. Prof.	B.E
4	Prof.R.P .Wade	Lecturer	B.E
5	Prof.S.S.Bhnikhele	Lecturer	M.Sc,B.Ed
6	Prof.P .P.Mane	Lecturer	M.Sc,B.Ed
7	Prof.S.N.Patil	Lecturer	M.Sc

M.B.A			
1	Prof.A.S.Deshpande	Asso.Prof.	B.E, MBA
2	Prof.V.A.Hirulkar	Asso.Prof.	B.Sc,MBA
3	Prof.A.M.Gudmithe	Lecturer	B.Sc,MBA
4	Prof.Suresh Satave	Lecturer	B.E.,M.B.A
5	Prof.R.P . More	Lecturer	M.Com,MBA
6	Prof.Nishikant Warbhuwan	Lecturer	B.E.,M.B.A

Physical Director			
1	Prof.M.A.Pathare	Physical Director	B.P.Ed

Training & Placement Officer			
1	Prof.V .D.Navale	Placement Officer	M.E

Library			
1	Shri.D.K.Gorde	Librarian	M.Lib

Govt. Scholarship and Concessions

Sr. No.	Type of Scholarship	Necessary Eligibility	Documents Required (Attested Xerox Copies)
1)	B.C. Scholarship Fresh (SC, VJNT, OBC, SBC) & freeship	1) Reserve Category 2) Annual Income of parent less than Rs. 1,00,000/- 3) Annual Income of parent less than 4 lacs.	i) Caste Certificate ii) Mark- List iii) School Leaving Certificate iv) Father's last year income Certificate(Original) v) Caste Validity for VJNT, OBC, SBC vi) Allotment letter of DTE vii) Non creamy layer certificate
2)	S T Scholarship	Annual Income of parent less than Rs. 1,00,000/-	As Above
3)	B C Scholarship Renewal	As Above	As Above
4)	B C Free ship for SC, VJNT, OBC, SBC ST	Annual Income of parent less than Rs. 1,00,000/-	i) Caste Certificate ii) Mark – List iii) School Leaving Certificate
5)	P.T.C./ S.T.C	Mother or Father should be Primary or Higher Secondary Teacher in aided School	1) Service Certificate of School 2) Education Officer's Signature 3) Last Year Mark List
6)	Ex-Servicemen/ Servicemen	Ward of Ex-servicemen / Servicemen	1) Application form along with Certificate from Welfare office 2) Last Year Mark List
7)	Freedom Fighter	Certificate from Govt. of Maharashtra	Mark List and Certificate from Govt. of Maharashtra
8)	E.B.C.	Annual Income Less than Rs. 1,00,000/-	Income Certificate from Special Tahasildar, Sarpanch, Magistrate if father is in a business or a farmer & Last Year's Mark List
9)	Other Scholarship Renewal	If Scholarship granted for previous year	Attested Xerox copy of Mark List

Note:- Scholarship and Freeship forms should be submitted along with all necessary documents at the time of admission. For details, refer government circular and notices displayed on notice board of college from time to time.



Mechanical Engineering



Prof. D.A. Kamble (M.E.)
Head Of the Department

Introduction

The Mechanical Engineering Department has dedicated and enthusiastic staff and most of them are well qualified and experienced. The faculty is focused towards inculcating technical creativity in the students along with theoretical as well as practical knowledge. The excellent facilities are available to achieve this aim. The department has well equipped laboratories, and has modern equipment related to Mechanical Engineering. The Mechanical Engineering Student Association Organizes comprising of paper presentation, Robotic competition, Quiz and Design competition, seminars, Farewell party to final year students, communication skill development programs, festivals like Gurupornima, Teacher's day etc.

Scope

Mechanical Engineering is a stream of Engineering which deals with design and manufacturing. It involves applications of all streams of Engineering like Civil Engineering (mechanics) Computer Engineering (CAD,CAM,CAE), Electronics Engineering (mechatronics). It is rightly called a EVERGREEN BRANCH. There is a wide scope for Mechanical Engineering worldwide. Mechanical Engineers are the second highest employed engineers among all others with only 7% unemployed whereas any normal Engineering stream would have around 15% unemployed



HOD DESK MESSAGE

Mechanical Engineering, an evergreen branch of engineering, is one of the well-equipped departments of the College. It deals with design, structural, architectural, installation, operation, trouble shooting and maintenance of different types of machines and systems of industries like Fluid Mechanics, Fluid Machinery, automobile, refrigeration, air conditioning, measurement etc.

The Department has a well-qualified and experienced faculty who are always keen to follow new trends and developments of mechanical machines and processes.

The staffs in the workshop and laboratories of the Departments are well qualified and experienced to assist the students in their practical classes and also to maintain Labs.





Engineers worldwide. It has a tremendous scope in automobile industry, oil and gas production companies, aeronautical field, cement industries, design sector, chemical industries, steel, power



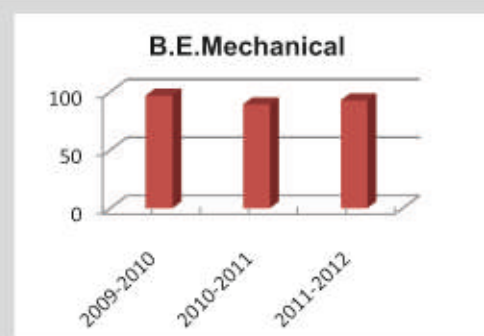
sector, heavy machinery sector, information technology, defence Hydraulics, and above all the booming construction field always waiting on for Mechanical Engineers with lucrative pays and packages. Mechanical engineering is one of the oldest branches of engineering. It is also referred to as the 'mother' branch of engineering. Another appealing feature of mechanical engineering is that the application base of this field of study is extremely broad and diverse. Almost all inventions during the ancient period and a vast majority in the modern era are direct contributions of one or the other application of mechanics. Traditionally, mechanical engineers have to deal with concepts such as mechanics, thermodynamics, robotics, kinematics, structural analysis, fluid mechanics and many others. These concepts are applied in the process of designing state-of-the-art manufacturing units, different types of motor vehicles, aircraft and aerospace parts and a vast assortment of industrial machinery. Mechanical engineers also contribute in the development of various engines, power plant equipment, heating and cooling systems and other simple and complex machinery. Mechanical engineers not only design new mechanical systems but they are also responsible for testing, maintaining and manufacturing them. The ever increasing scope

of this particular job profile now requires professionals to get into financial and marketing aspects of product development and even into people and resource management. All in all mechanical engineering offers a wide bouquet of job options to students who are looking for a stable and stimulating career.

Name of Labs

- Theory of Machine
- Machine Design Integration
- Dynamics of Machinery
- Thermal Engineering
- I.C. Engine
- Heat Transfer
- Fluid Mechanics
- CAD / CAM lab
- Fluid Machinery
- Industrial Fluid Power
- Engineering Metallurgy
- Metrology & Quality Control

Result Analysis of final year students





Computer Engineering



Prof.R.V.Patil (M.Tech)
Head Of the Department

“ HOD DESK MESSAGE

Greetings from the family of P.D.E.A.'s College of Engineering, Manjari(Bk.), Hadapsar, Pune-412307.

It gives me immense pleasure to lead the department of Computer Engg. Our college is one of the premier institutions in the University of Pune, Pune. P.D.E.A.'s College of Engineering, Manjari(Bk.) is striving hard towards the goal of providing innovative and quality education with high standard to achieve academic excellence.

Whole world is wonderstruck with the capabilities and ingenuity of Indian software Engineers. To be successful software professional, besides aptitude one has to have excellent logical bent of mind and analytical capabilities along with acquired skills on development and productivity software. It goes without saying that capacity to do hard work has to be an integral part of any professional.

The very important motto of Computer Engg. department is to provide quality

education. The process of learning is extremely important in life. What you learn, how you learn and where you learn play a crucial role in developing ones intellectual capability, besides career. Hence on behalf of our Computer Engineering Department, I welcome all you to P.D.E.A.'s College of Engineering, Manjari (Bk.), Hadapsar,Pune. Along with academic knowledge, college also trains its Engineers to face the challenges in life by providing many value added courses to enhance their career prospects. The excellent infrastructure, Experienced teaching faculty of the best kind ensuring quality education such as interaction among students, parents and staffs, along with a Training and Placement Cell ensures a bright future to its students.

In COEM, students are nurtured to become world-class software professionals as Project Managers, System Analysts or Team leaders in Industry or become Entrepreneurs in their own innovative way. I am sure in times to come; many students from COEM will make indelible mark nationally and internationally in the field of Information Technology and bring laurels to themselves to their families, to COEM and our country.

I Congratulate the team of faculty members and the students for their brilliant and original efforts. Thank you.”





Computer Engineering students. On the same time more demand and application kept it research funding alive attracting many students to opt for higher studies. There are thousands of multinational and national software companies offer jobs to computer engineers. To name few famous, Microsoft, Google, Yahoo, Amazon, IBM, Facebook, Oracle, Cisco, Infosys, TCS, and Wipro.

Introduction

The department of computer engineering is engaged in teaching the fundamentals of computer engineering as per the syllabus of University of Pune. The first batch in the most sought after department passed out in 1998 and since then the department is striving to achieve the motto of the institute ONWARD TO GLORY. The department is equipped with well-established state of the labs and modern facilities. Computer department is equipped with well-furnished ergonomically designed furniture having branded P-IV Dual Core Computers of HP and Dell.

- 6 MBPS Leased line Internet is available.
- Campus LAN
- LCD projectors for effective learning
- Dell Power Edge R720 server.
- Regular workshops, Seminars & other events are arranged on new technologies.

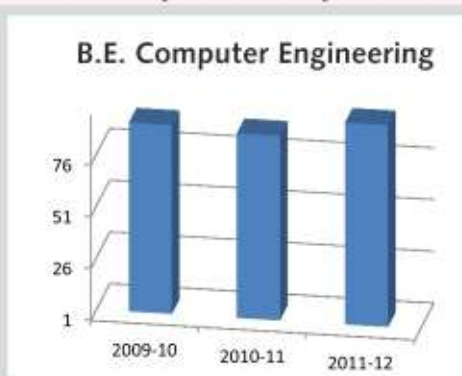
Scope

Computer engineering students will learn about basic engineering techniques, as other engineering students, during first year course. These techniques include Engineering Mathematics, Physics and Chemistry, and Engineering drawing. From second year they are exposed to core computer engg. subjects like programming, data structures, Digital logic, Theoretical computer science, Algorithms, Computer networks, Operating systems, Web technologies, Databases and Computer Architecture are few to mention. This is really an excellent field to have opportunities both in software companies and higher studies. As computing is extensively applied to almost every walk of life it created massive jobs for

Name of Labs

- Software Lab • Design Lab • Graphics Lab
- Hardware Lab • Project Lab • Microprocessor Lab
- Computer Network Lab • R & D Lab

Result Analysis of final year students





Electronics Engineering



Prof.R.M.Sahu (M.E.)
Head Of the Department



Introduction

Department is committed to provide quality education in the field of electronics engineering to rural background students. All the staff are well qualified and highly motivated towards their work. Our state-of-the-art infrastructure includes fully equipped lecture halls, an excellent computer lab equipped with the latest tools, and rich departmental library. Our department boosts a cultured ambience and offers its students a tremendous opportunity to avail of all the amenities catering to all their academic requirements.



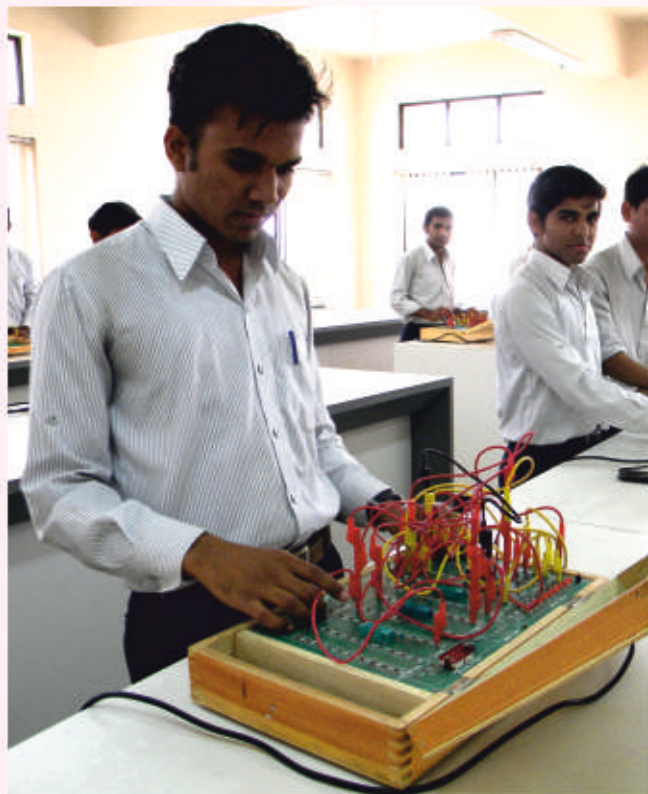
HOD DESK MESSAGE

India has declared the current decade as the decade of innovation. We must find technical and Scientific solution to the complex problems that confront our society . Our scientists and engineers are capable of being the best and producing the best whether in India or abroad

Electronics engineering is an engineering discipline where non-linear and active electrical components such as electron tubes and semiconductor especially devices transistors, diodes and integrated circuits, are utilized to design electronic circuits, devices and systems, typically also including passive electrical components and based on printed circuit boards.

The digitization of economy with revolutionary telecommunication & wireless technology, impressive growth of virtual connectivity to open up new range of opportunities.





and networking, applications of all kinds, embedded system allied areas such as VLSI Design and fabrication and mobile computing and software development etc with some added specialization.

Name of Labs

- Basic Lab
- Communication Lab
- Network & power Lab
- Digital & biomedical Lab
- Microprocessor Lab
- VLSI Lab
- Computer Lab
- Project Lab
- Electrical Lab

Scope

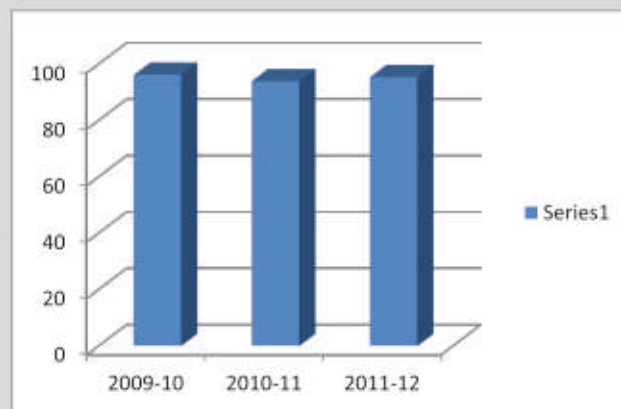
Increased production and demand by government, Public sector and businesses for communication equipment, computers and military electronics along with consumer demand and increased research and development on robots and other types of automation contributes to the growth of employment opportunities in the field. In the Defense Services, young engineers start as Second Lieutenants or equivalent cadres.

As an ECE, you can work under telecom, hardware



Result Analysis of final year students

B.E. Electronics Engineering





Information Technology



Prof. N.R. Jain (M.E.)
Head Of the Department

We provide the platform to our students to share their ideas with the like minded people by organizing various technical events at department, college, university, state and national level.

Students, it is you who will put all the technologies in a direction for better quality of life for all round benefit of human being, leading to social justice, equality and dignity for all human beings in the world.

Engineer a better world and enjoy doing it with us at PDEACOEM's IT department.



HOD DESK MESSAGE

Globalisation and the age of internet have influenced and transformed our educational system. With advances in technology it is expected that the engineering graduates are able to adopt to this globalized world. The gap is being observed between the skill set needed for the profession and what our graduates actually possess after the graduation.

We at PDEACOEM are working towards bridging this gap through innovations in technological education. Engineering is exciting because engineers create new technologies. Knowledge and communication of technologies and innovations is critical.

Introduction

Information Technology is one of the best emerging branches in the engineering education. Information Technology is a fast growing discipline and is full of rigorous practice analysis. Information Technology can be used potentially in every sector of the economy. Information Technology has been a dynamic sector in





many developed economies and India has stood out as a developing country where IT sector has grown indefinitely. Information Technology jobs in India are the first choice career for the bright brains who are innovative. The IT industry has great scope for people as it provides employment to technical and non-technical graduates and has the capability to generate huge foreign exchange inflow for India. India exports software's and services to approximately 95 countries in the world. Since all the engineering sectors need the basics of IT and so the IT students have a best future to settle down in any of the engineering sector.

Scope

IT will continue to gain momentum. The immense



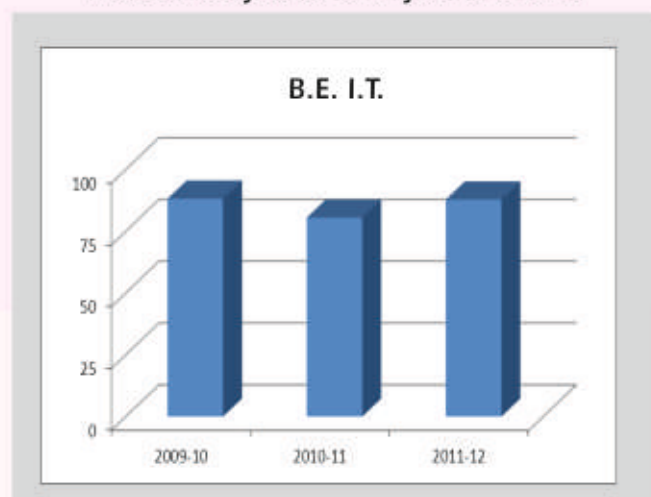
expansion in networking technologies is expected to continue into the future decades also. IT will bring about an improvement in the quality of life as it impacts on global competitiveness.

Name of Labs



- Project Lab
- Software Lab
- Linux Lab
- RDBMS Lab
- Graphics Lab
- Design Lab
- Network Lab
- Hardware Lab

Result Analysis of final year students





Instrumentation and Control Engineering



Prof. D.O. Patil (M.E.)
Head Of the Department



INTRODUCTION

The goal of the INSTRUMENTATION AND CONTROL department is to impart the technical education to the students and making them self-oriented for innovations, along with good leadership qualities. Now days every industry is looking forward for automation to produce good quality product. The concept of Instrumentation and Control is to measure the properties of substance and control it as per the requirement without human being. Department of Instrumentation and Control has well equipped laboratories with highly qualified staff keeping good interaction with Industries and also molding students as per the need of the Industries.



HOD DESK MESSAGE

The mission of the Department of Instrumentation & Control Engineering is to provide value education and motivate young professionals in building cognitive characteristics, evoke creative expression and cultivate the budding engineers with recent trends in technology, prepare emerging instrumentation engineers with concept oriented subject knowledge supplemented with practical orientation to face the challenges of modern world.

The staff members and students are encouraged to join various technical and non-technical forums, which in turn gives them a great exposure to engineering concepts and technology.

I am confident that our staff members and students would satisfy the responsibility and credibility of the department by showing a high level of professional competence in their respective areas.





Name of Labs

1. Electronic Lab
2. Transducer Lab
3. Process lab
4. Computer lab
5. Analytical Lab
6. Optoelectronics & Photonics Lab
7. Microcontroller Lab
8. Project Lab

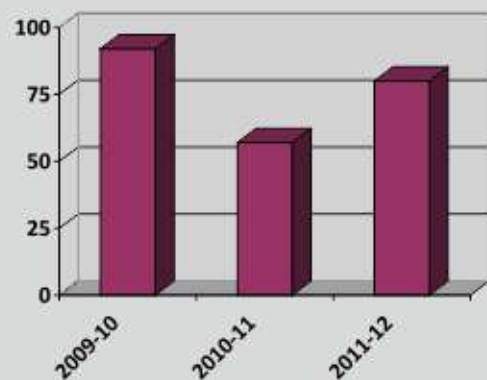
Scope

The Instrumentation Technology, being an interdisciplinary branch of engineering, is heading towards development of new & intelligent sensors, smart transducers, MEMS Technology, Blue tooth Technology. The automation systems in the production are rapidly being enhanced and the demand for highly skilled instrumentation engineers is on the rise. In the instrumentation systems manufacturing sector, the demand for well-trained process control engineering graduates is always present.



Result Analysis of final year students

B.E. Instrumentation & Control Engg.





Business Administration (MBA)



Prof.A.S.Deshpande (B.E., MBA)
Head Of the Department

education it provides but is also well known for developing personality of the students according to the needs of the corporate , so that they can be an integral part of the growth of the company they work in. Department has outstanding placement records and in the past our alumni have been placed in well known national & multinational companies successfully.

Activities

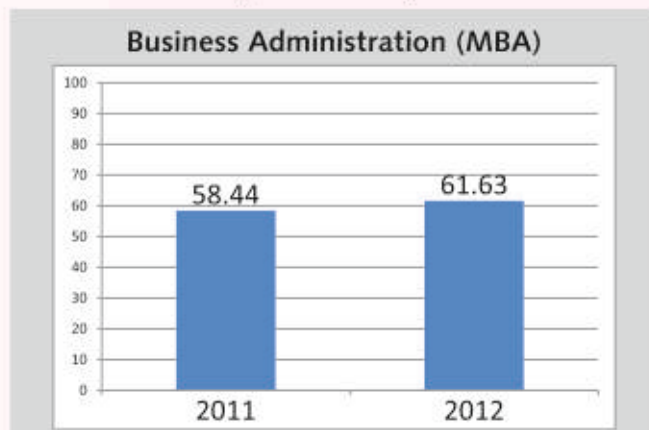
- * Job Fair
- * Summer Placement & Final Placement Cell
- * Corporate Grooming Workshop
- * Entrepreneurship Development workshop
- * Industry Institute Participation cell.

Laboratory:

Full fledged Computer Lab with 30+ PCs.



Result Analysis of final year students



HOD DESK MESSAGE

As always it gives me a pleasure to be part of this Admission Brochure for Academic Year 2013-14. Since, as a teacher, it gives us an opportunity to bring positive changes in the lives of a new batch of students, who are going to be the contributor in transforming India as a developed country in near future. In fact this Admission Brochure always makes me excited to continue our contribution in the development of Society.

Here I would like to congratulate and thank everybody who is reading this brochure to become a part of this Institution and also assure you that as an Institute we will do our best to contribute in achievement of your goals by using a successful career path.

INTRODUCTION

The Department of Business Administration was established as the first Post-Graduate Department of College of Engineering in the year 2009 to impart two year full time Post-Graduate Degree Course of Master of Business Administration (M.B.A.) with prior approval from All India Council for Technical Education, New Delhi and affiliation to University of Pune to meet the need for management education.

The Department is Having a well qualified, experienced and dedicated Faculty members. Department is not only well known for the quality



First Year Engineering



Dr.S.R.Mudi (Ph.D)
Head Of the Department

Introduction

First year Engineering Department caters for the knowledge of basic science subjects like Mathematics, Physics , Chemistry and basic engineering subjects like Basic Civil & Environmental Engineering, Basic Mechanical Engineering ,Basic Electrical Engineering , Basic Electronics Engineering, Computers Fundamental, Engineering Graphics.

The Department is having well qualified, experienced and dedicated faculty members. It is also equipped with all furnished laboratories in

connection with the need of F.E. Syllabus.

Teacher provide guidance and counseling to the student under teacher guardian scheme .A batch of 20 students is supervised by a teacher regularly. Parents are regularly intimated about the progress of their wards. Parent teacher meet is organized in the department every year.



Departmental activity:

F.E. department organizes guest lectures, essay competition, debate competition, Science exhibition etc. for students on various topics under ISTE Student Chapter.





Training and Placement



Prof. V.D. Navale (M.E, M.A, B.J, M.B.A)
Training & Placement Officer

In house grooming of students

1) Aptitude Test

For Appearing any company's interview either in campus or off – campus aptitude test is the first stage. For competitive examinations also there is an aptitude test as a part of the examination. We conduct practice aptitude test every week. The syllabus is declared usually 3-4 days before the test & result is declared immediately.

2) Counseling

Students may face problems like concentration problems in studies, exam fear, career confusion, study difficulties, psychological pressures, stress



level, etc. We have scheduled specific time slot for counseling students every week. Also students visit us during their free time on any day for counseling.

3) Mock G.D.

Some organizations conduct Group Discussion round in their recruitment process. For comfort & ease during such actual G.D, practice on before hand is always important. Every week Mock G.D. is planned. Subject is usually displayed on the notice board. Latest topics, current issues, popular happenings are discussed in such Mock G.D



4) Mock Interviews

For getting feel of actual interviews we schedule one slot every week for Mock Interviews. Interested students take prior appointment, prepare for the interview and visit T & P office for such Mock Interviews. Many successful students who are placed through campus placement have credited their success to such Mock Interviews.

5) Industrial Training

Students are suggested to go for vacation training in industries during summer & winter holidays. This training helps them to get feel of industrial scenario and to enrich their theoretical knowledge through practical experiences. T & P department issues permission letter for such trainings..



6) T & P Lectures

One lecture is allotted every week per class from SE to BE. Department TPO is co-ordinator for this session. Guest seminar, lecture by Dept. TPO, GD, Aptitude test, students seminar, TPO's sessions are the options given to Dept. TPO to engage students

7) FTPO

Our T & P cell is now a member of FTPO i.e. Federation of Training & Placement Officers in Pune University. Public relations, Press, media & branding is the portfolio allotted to us. This federation is working mutually & collectively for the benefit of all students of member colleges. We are definitely at the benefit end due to this association. Our presence in FTPO proved that we are working in hand with all the colleges in Pune City.

8) SEMINARS

On various topics like Interview , Techniques, Soft Skill, career opportunities Study skills, entrepreneurship, development, etc. seminars are



conducted by T & P Department.

9) Training by professional experts :-

1) Training by Purple Leaf: -

A private Training Agency. Through Purple Leaf we also run paid Current Industry Specific Courses for our students.

2) Training Courses:-

Information of Training courses organized in various departments :

(A) Information Technology Dept:

1. Programs on .Net organized by Locus InfoTech.
2. Orientation program by Purple Leap.
3. Career opportunities in Linux by seed InfoTech



(B) Comp Department

- 1) Three days national level Workshop on Virtualization in Networking from 25/03/13 to 27/03/13.
- 2) Two days national level Workshop on Ethical Hacking on 15/02/13 & 16/02/13.

© Placement:-

Placement facilities: T & P department is well equipped with i) T & P officer chamber ii) GD Hall iii) Auditorium iv) Interview cabins



Recruiters

amdocs

ZenSar
TECHNOLOGIES

WNS

WIPRO
Powering Thought

SKF

vvf

m Tech Mahindra
A Division of Mahindra & Mahindra

SUNGARD

ESSAR
STEEL

ECLIPSYS
The Software Company

BAJAJ Allianz

DELL

TRINITY
INDIA LTD

VOLTAS LIMITED

ADP

EBARA

Sparkline

JINDAL
STEEL & POWER

SFS

QUINNOX
Solving IT Together

Kolabur

Enriching Lives

ISMT

Goodyear

Fleetguard

aama
Fuel Business Intelligence

omniscient

KB

Indpro

KPIT Cummins

Harbinger

RING AQUA
A Subsidiary of **tyndex** Ltd

PERSISTENT

KALYANI

India

faurecia

PARI

VW

Volkswagen

pragmatics

FabGear

IBM

JOHN DEERE

JOTUN

Vidushi

Vidushi

SERVAI INSTITUTE OF INDIA LTD.

Johnson Controls

CONVERGYS
Outthinking. Outdoing.

ador WELDING

IB Automation

VIDEOCON

Reliance Industries Limited

HUAWEI

iSYS

CIL

Mercedes-Benz

SWAROVSKI

sasken

MegaTech

HCL

Infosys

ACCURATE

L&T Infotech

L&T Infotech

Honeywell

EXTENTIA
Information Technology

AGS
Technologies

Mastek

Mastek

LG

KUMAR MOTORS

Capgemini
EMERGING TECHNOLOGY OUTSOURCING

airtel

DREAMS

EXTREME TECHNOLOGIES



Say No To RAGGING

(A) What Constitutes Ragging?

As per the AICTE/UGC/DCI Regulations & the Directions of Hon'ble Supreme Court of India "Ragging" Constitutes one or more of any of the following Acts with or without any intention by any Student or Group of Students;

1. Any act of Indiscipline, Teasing or Handling with Rudeness.
2. Any act that Prevents, Disrupts or Disturbs the Regular Academic Activity.
3. Any activity which is likely to cause Annoyance, Hardships, Physical or Psychological Harm or creates Fear.
4. Any act of Financial Extortion or Forceful Expenditure.
5. Any Act of Physical Abuse causing Assault, Harm or Danger to Health or Life.
6. Any act of Abuse by Spoken Words, e-mail, SMS, MMS or Public Insult etc.
7. Any act of Injury to the Fundamental Right to Human Dignity.
8. Any act of Wrongful Confinement, use of Criminal Force Trespass or Intimidation.
9. Any Unlawful Assembly or Abatement or Conspiracy to "Ragging".

(B) Punishment to Those Found Guilty:

Any Student or Group of Students found guilty of "Ragging" in the Campus or Hostels or College Buses or even outside the Campus shall be liable for one or more of the following Punishment;

1. Suspension from Attending Classes and Academic Privileges.
2. Suspension or Expulsion from Hostels/College Bus.
3. Debarring from Appearing in any Session Test/University Examination.
4. F.I.R. against the Concerned Student or Group of Students.
5. Withdrawing Scholarship and other Benefits.
6. Fine up to Rs. 25,000/- to the Concerned Student or Group of Students.
7. Rustication from the Institution for a period of One to Four Semesters.
8. Expulsion from the Institution and also Debarring from Admission to any other Institution through University.
9. Entry in the Character/Transfer Certificates regarding the Punishment given for any Act of "Ragging".

Discipline & Attendance

We do spare the rod and do not spoil the students

1. The students are advised to refer regularly to all notices displayed at various places on the notice board. Ignorance of the same shall not entertained as an excuse.
2. A student must always possess his/her I card which must be produced on the demand by the College Authorities.
3. The students shall attend lectures, Practical's, Tutorials, Unit tests and Examinations and shall keep their guardians in touch with the progress in their studies.
4. The students should note that they will not be permitted to appear for the University examinations if they fail to satisfy the College Authorities on any of the following grounds:
 - a. At least 75% attendance at Lectures/Practicals.
 - b. At least 75% at NCC Parades/ NSS work as prescribed.
 - c. Attendance and Performance at the college examinations/ tutorials.
 - d. Good behavior and observance of discipline in the college premises.
 - e. Obedience of the instructions of teachers/ staff and the other college authorities.
 - f. Payment of college fees as instructed.
5. Students should note that smoking, tobacco chewing, spitting etc. and use of mobile is strictly prohibited in the college campus.
6. Students must deactivate Mobile of Cell Phones in the classrooms or laboratories or during academic activities.

Rules of Discipline

- 1) Students must observe strict discipline in the college premises / campus and should not disturb the College / teaching & administration in any manner whatsoever. I have no objection incase of change of place & name of instructional, administrative and all over college related activities decided by college management in future.
- 2) Students should take proper care of the college property, and help in keeping the premises clean, neat and tidy. Any damage, whatsoever done will be treated as a serious breach of discipline and the cost of the damage(s) will be recovered from students.
- 3) No Society or Association shall be formed by the students in the College and no person should be invited to attend and address any meeting without prior permission of the PRINCIPAL.
- 4) Students should be regular and punctual in attending their lectures, practicals, tutorials and tests. Students should refrain from remaining absent, however if a student desires to remain absent for any genuine reason(s) prior permission of the Principal / HOD should be taken.
- 5) Students should not loiter about and sit bear class rooms, laboratories, in verandahs, stair case, cycle stand and play ground, that may cause disturbance to the periods / classes which are going on. They should either go to the library or leave the college premises, in case there are no lectures or practicals.
- 6) Annual Social Gathering and any similar programmes / functions which are likely to disrupt the academic atmosphere on the colleges campus shall not be permitted.
- 7) Any one found indulging In any ragging within or outside the college shall be instantly expelled from the college.
- 8) Student must attend college in prescribed uniform, Identity Card.



Library



Shri. D.K. Gorde (M. Lib.)
Librarian

Introduction

Let me welcome you all to the important branch of every college i.e. Library. The Library is very important for the College students & Staff. The College is established in the year 1998. Library is very important for the students. Over the years the students have used the facility of library for self-study. There are recent edited Engg. Books, Management (MBA) Books & SW Books in the library at disposal of students. In the library text books, reference books, periodicals, Journals, Newspapers are kept. Journals and text books include Indian as well as foreign Publications. The college library also provides the facility of Digital Library with e-Journals, E - Books and subject wise NPTEL DVD is available to the students & Staff. In



Reading Hall separate sitting facility is provided to students and Staff. The past students are also extended library Facility. The College library is equipped with the computer facility. Library software is installed which is upgraded as per the college requirements and kept ready for the use of students so that they can avail the books which are at their fingertips. The library is regulated by the ETH software which had completed the automation of library.

Total Stock: - Total Text & Reference books of Engg. 13619 Books, Management (MBA) 1569 Books & Social Welfare (Book Bank Scheme) 1347 Books in the library for students & Staff.

Expanses: - There are four sections in Library including circulation section, Reference Section, Reading Hall section & Digital Library with Reprography section.



Technical Journal

We are yearly subscribing the 55 National journals, 35 International Journals & E-Journals IEEE, ASME regularly as per the AICTE.

CD's & DVD's

Books, Journals & NPTEL CD & DVD are kept in Digital Library for the use of students & Staff.

Magazine & News Paper

We are the subscribed the use full magazines & Marathi Hindi & English. Daily Newspapers are kept in the library for the students & staff.

Digital Library

In the Digital Library 10 PC with Internet facility is available for the students & Staff.

Reprography Facility

Library provides Reprographic facility with Scanning.



Gymkhana

College provided platform to the students for promoting their talents in sports. Gymkhana department provides following facilities for students.

INDOOR GAMES: Chess, Carom, Table-Tennis, Badminton etc. **OUTDOOR GAMES:** Cricket, Football, Volleyball, Kho-Kho, Kabaddi, Softball, Baseball College has its own Gymnasium of around 1000 sq.ft College student participate in various inter collegiate tournaments under Pune University & others. Our college participated in Pune District Cricket Association's Kaware Karandak & Damodar Karandak. Our college has been arranging various indoor and outdoor games on the basis of inter-class and inter-departmental participation





Cultural Activities





Photo Gallery



FUTURIZM 2013



DEAN ENGINEERING FACULTY



ROBOMANIA



NSS - ROAD SAFETY WEEK



NSS CAMP AT PIMPALE, TAL. PURANDAR



NSS GRAM SWACHATA ABHIYAN



TECHNOBEATZ - 2013



NSS CYCLE RALLY



Pune District Education Association's COLLEGE OF ENGINEERING Manjari (BK), Pune

Approved by A.I.C.T.E. New Delhi No. 740-89-316 E/ET/98
Affiliated to University of Pune | ID No. PU/PN/Engg./130/1998

Hadapsar - Manjari road,
Manjari (BK), Pune - 412 307
(Maharashtra) India.
Ph. : 020 - 26996625 .Fax : 020 - 26996275
E-mail : coem@pdeapune.org
Web : www.pdeacoem.com

