



PIMPRI CHINCHWAD EDUCATION TRUST'S (PCET'S) &  
NUTAN MAHARASHTRA VIDYA PRASARAK MANDAL'S (NMVPM'S)

# NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING & TECHNOLOGY (NMIET), TALEGAON DABHADE, PUNE 410507

Approved by All India Council for Technical Education (AICTE) New Delhi. | DTE - Govt. of Maharashtra, Mumbai  
Affiliated to Savitribai Phule Pune University (SPPU), Pune

**NAAC Accredited**

A.Y.2021-22



## Awards And Ranking





## ABOUT INSTITUTE

Nutan Maharashtra Vidya Prasarak Mandal (NMVPM) was established in year 1906. The Great Freedom Fighter Lokmanya Bal Gangadhar Tilak was the Founder President of Governing Body for almost 12 years. National Education Promotor Guruvarya Annasaheb Vijapurkar was the Founder Secretary of Governing Body for almost 23 years.

Nutan Trust has been privileged to receive management support from the highly prestigious Pimpri Chinchwad Education Trust (PCET), which is a trusted brand in education since 1990. PCET - NUTAN is the placement-wise best engineering college group in Maharashtra.

NMIET was established in the year 2008. Institute envision being a dynamic-leading institute of practice engineering and industrial research in the learning system that promotes learners towards the development of self-esteem, self-learning, creativity & innovation leading to the development of successful professionals and members of the society. The institute runs four engineering undergraduate courses and four vocational undergraduate courses.

### (B.E.) BACHELOR OF ENGINEERING

COURSES DURATION 4 YEAR

DTE CODE:-6310

**Mechanical Engineering**  
**INTAKE - 60**  
**CHOICE CODE (DTE)**  
**631061210**

**Computer Engineering**  
**INTAKE - 120**  
**CHOICE CODE (DTE)**  
**631024510**

**Electronics & Telecommunication**  
**INTAKE - 60**  
**CHOICE CODE (DTE)**  
**631037210**

**Information Technology**  
**INTAKE - 60**  
**CHOICE CODE (DTE)**  
**631024610**

- Eligibility for First Year Engineering : HSC Passed with Physics and Maths with Chem/Bio/Biotech/Tech. /Voc. @ 45% for Open & 40% for Reserve Category\*
- Eligibility for DSE : SSC or HSC Passed & also Diploma in Engineering or Diploma of Vocational (D.Voc) or Bachelor of Science @ 45% for Open & 40% for Reserve Category\*

(\*as per ARA / DTE guideline)

### (B. VOC.) VOCATIONAL DEGREE COURSES UNDER ENGINEERING & TECHNOLOGY DURATION 3 YEAR

**Graphics & Multimedia**  
**INTAKE - 30**

**Automotive Manufacturing Technology**  
**INTAKE - 30**

**Software Development**  
**INTAKE - 30**

**Refrigeration & Air Conditioning**  
**INTAKE - 30**

Eligibility:- 12th Passed with any Stream (Science, Commerce, Arts) or 10th + 2 Years ITI.

(\*as per AICTE/SPPU guideline)

## VISION OF THE INSTITUTE

To be a notable institution for providing quality technical education and ensuring ethical, moral and holistic development of students.



## MISSION OF THE INSTITUTE

To nurture engineering graduates with state of the art competence, professionalism and problem solving skills to serve needs of industry as well as society.





## ABOUT COMPUTER ENGINEERING DEPT.

Computer Engineering is very dynamic field and to competence with the departmental goal is to establish the state art of computing environment to develop globally competent professional with responsible citizenship. The department has defined the program outcomes from accreditation point of view and all initiatives are undertaken to facilitate and fulfill the same

## HIGHLIGHTS

- Well Experienced, Qualified faculties in Machine Learning, Artificial Intelligence, Software Engineering & Project Management, Advance Java programming
- ACES Student Association for Students with Participation in Avishkar, Smart India Hackathon.
- Excellent Placements Records of Department
- Internship, Research, Well Equipped Lab Facilities, Department E-Magzine Publication by students
- Three Excellence Center and National Level Project Competitions - Techcult - 2022



Techcult - Technical Event

## VISION OF COMPUTER ENGINEERING

Imbibing Quality Technical Education and Overall Development by Endowing Students with Societal and Ethical skills in Computer Engineers

## MISSION OF COMPUTER ENGINEERING

- To impart engineering knowledge and skills by adopting effective teaching learning processes.
- To develop professional, entrepreneurial and research competencies encompassing continuous intellectual growth.
- To produce educated students to exhibit societal and ethical responsibilities in the working environment.

## Program Educational Objectives (PEOs)

- To produce globally competent graduates having excellent fundamentals, domain knowledge, updated with modern technology to provide effective solutions for computer engineering problems.
- To prepare the graduates to work as a committed professional with professional ethics and values, sense of responsibilities, understanding of legal, safety, health, societal, cultural and environmental issues.
- To prepare committed and motivated graduates with research attitude, lifelong learning, investigative approach, and multidisciplinary thinking.
- To produce the graduates with well-built managerial and communication skills to work effectively as individual as well as in teams.

## Program Specific Outcomes (PSO)

**PSO 1** - Employ knowledge to write programs and design algorithms to integrate them with the hardware/software products in the domains of embedded systems, data Science, networking and web technology.

**PSO 2** - Apply standard practices and strategies in project development using open-ended programming environments to create innovative career paths to be an entrepreneur, and a zest for higher studies.



## ABOUT ELECTRONICS & TELECOMMUNICATION DEPT.

Electronics and Telecommunication Engineering is one of the largest and most sophisticated branch of engineering. Electronics and Telecommunication engineering is a rapidly growing sector where there is excellent job opportunity for the skilled professionals in different domain like VLSI and Embedded Systems, Artificial Language, Machine Learning, Data Science etc.

### HIGHLIGHTS

- Well Experienced, Qualified faculties in Wired & Wireless Communication, Digital Electronics, Optical Fibre
- Excellent Placement Records of Department
- EESA Student Association and IoT Technical Club with Participation in Smart India Hakathon
- Internship, Research and Well Equipped Lab Facilities



Techmanthan - Technical Events

**eYantra**

E-Yantra Lab  
(IIT Bombay Sponsored)



Satellite Lab  
(AICTE Lab)



Inter-National  
Patent



IEEE  
Membership



Community Radio  
Station (Proposed)



National Patent  
by Students and Faculties



ISTE  
Membership



IETE  
Membership

### VISION OF E&TC ENGINEERING

To be a renowned department of Electronics and Telecommunication engineering for providing quality technical education by holistic development of the students.

### MISSION OF E&TC ENGINEERING

- To impart quality technical education for students with continuous upgraded teaching learning process.
- To enhance the employability and entrepreneurship through Industry Institute association.
- To enhance the research competency in students by adapting state of art technology in Electronics and Communication Engineering.
- To inculcate the needs of profession for the society.

### Program Educational Objectives (PEOs)

- To provide graduates with a professional career in Electronics, Communication and allied disciplines.
- To develop managerial and entrepreneurial skills among the students to solve societal problems.
- To impart analytical skills in order to develop a multidisciplinary approach to relate engineering issues and innovations.
- To inculcate effective communication skills, teamwork spirit and professional ethics in students to meet employer needs at large and prepare them for higher studies

### Program Specific Outcomes (PSO)

**PSO1:** An ability to apply design and development of complex system in the areas of signal processing, Semiconductor Technologies, Communication, Embedded and Power System.

**PSO2:** Demonstrate proficiency in the use of Software and Hardware for the need of Industry and society



## ABOUT MECHANICAL ENGINEERING DEPT.

The Mechanical Engineering Department is the one of Best Department of NMIET. The department believes in delivering the best Market value recent practical based education to there students. The Department continuously encourages their students to participate in various activities like Industry Based Project Work, VLCI, GIZ apart from placement.

## HIGHLIGHTS

- Well qualified and experienced faculty with expertise in the areas of Design, Production, Manufacturing, Thermal
- Excellent Placements Records of Department
- MESA Student Association with Participation in ISNEE Quad-Torc bike, BAJA Competitions at National Level
- Internship, Research, Well Equipped Lab Facilities



GIZ is an Indo-German Association for Sponsored Live Industry Project for Students



CII-JICA-NMIET Centre of Excellence Indo-Japan Collaboration



Industry Institute Interaction Cell Industry Internship for 100% Students



Society of Automobile Engineering is a global association of more than 128,000 engineers



Emerging Area- 3D Printing Centre of Excellence Association with GIOCLID



Fluid Power Society of India



Go Kart Off Road bike Design & Development competition across India



Indian Society For Heating Refrigeration And Air-conditioning Engineers Student chapter



3D Printing - Center Of Excellence

## VISION OF MECHANICAL ENGINEERING

To be a renowned mechanical engineering education provider for serving needs of industry and society

## MISSION OF MECHANICAL ENGINEERING

- To provide quality technical education with an effective teaching learning process.
- To bridge the gap between industry and academia by collaborative activities.
- To develop students with research, innovation and entrepreneurship activities.
- To advance graduates with professionalism and a sense of gratitude towards society

## Program Educational Objectives (PEOs)

- To develop technical professionals in various domains of mechanical engineering to solve relevant problems.
- To build foundation in engineering fundamentals to synthesize innovative solutions.
- To inculcate the spirit for technical professional and social ethics with lifelong learning to make aware about latest trends.
- To nurture communication, teamwork and interdisciplinary approach related to human values with ecology.

## Program Specific Outcomes (PSO)

**PSO 1** - Analysing and designing optimal solution's in the fields of Design, Thermal, Manufacturing and Industrial Engineering according to industry needs.

**PSO 2**- Develop an aptitude of innovative product development and providing solution to live industrial problems by equipping with modern analytical tools.



## ABOUT INFORMATION TECHNOLOGY DEPT.

Information Technology uses computers, networks, storage, and other technical infrastructure both hardware and software, to deal with and manipulate information/data. Department was established during the inception of the Institute in 2008 which grown into a full-fledged department, imparting quality education to the students.

### HIGHLIGHTS

- Well Experienced, Qualified faculties in Wired and wireless Communication, Digital Electronics, Optical Fibre
- Excellent Placement Records of Department

- **SAIT** Student Association and IoT Technical Club with Participation in Smart India Hakathon
- Internship, Research and Well Equipped Lab Facilities



Technotsav - Technical Events

Mael India



### VISION OF IT

To be a notable and competent education provider in the field of Information Technology to develop professionals for serving the needs of an industry and society.

### MISSION OF IT

- To provide a quality education through the state-of-the-art resources to build technologically competent individuals.
- To provide a learning ambiance to enhance Innovations, Problem-Solving Skills, Leadership qualities, Team Spirit, and Ethical Responsibilities.
- To enhance the Employability and Entrepreneurship through Industry Institute association.
- To promote graduates with Professionalism and sense of gratitude towards society

### Program Educational Objectives (PEOs)

- Possess strong fundamental concepts in mathematics, science, engineering and Technology to address technological challenges
- Possess knowledge and skills in the field of Computer Science and Information Technology for analyzing, designing and implementing complex engineering problems of any domain with innovative approaches and Possess an attitude and aptitude for research, entrepreneurship and higher studies.
- Have commitment ethical practices, societal contributions through communities and life-long learning.
- Possess better communication, presentation, time management and team work skills leading to responsible and competent professional and will be able to address challenges in the field of IT at global level.

### Program Specific Outcomes (PSO)

**PSO1** - An ability to apply the theoretical concepts and practical knowledge of Information Technology in analysis, design, development and management of information processing systems and applications in the interdisciplinary domain to understand the professional, business and business processes, ethical, legal, security and social issues and responsibilities.

**PSO2** - An ability to analyze a problem and identify and define the computing infrastructure and operations requirements appropriate to its solution. IT graduates should be able to work on large-scale computing systems.



## RESEARCH & INNOVATIONS

- Faculties and Students are actively involved in International & National Conferences, publishing / presenting Research Papers, Copyrights, Book Writing, Industry Sponsored Projects, and Patents.
- More than 270 research papers published by faculties & Students.
- Faculties and Students are actively involved Faculty Development Programs, Student Development Programs, Workshops, Seminars arranged under the sponsorship of AICTE, ISTE, SPPU, IICs under MHRD.
- ISNEE Quad-Torc bike competition participation every year by Mechanical Department students.
- Institute Innovation Council (IIC) Run In Institute To Systematically Foster The Culture Of Innovation.
- AI & ML Poster Competition in Computer Department.
- National Membership ISTE Student Chapter.
- More than 55 Copyrights awarded to Faculties & Students.
- More than 10 Books published by Faculties.
- VLICI and GIZ Activity Conducted in Institute.
- SAE Member and Collegiate Club in Institute.
- Knimbus mLibrary Mobile Application, e-Books as per syllabus, J-Gate ( Journal database) Library Membership.
- Industry Institute Interaction Cell (IIIC) Actively Run In Institute.

## OVERALL

- 25 KW Solar rooftop system.
- MoU with more than 100+ industries.
- National Service Scheme (NSS)
- Facilitation Center for Engineering Admissions.
- Separate Patent & Copyrights Registration Cell.
- Member of Indo German Chamber of Commerce
- Advanced Satellite Communication Laboratory (first of its kind in Maharashtra) for Study and Research Funded by AICTE, New Delhi
- ERP System for Students and Staffs.
- Every Department is having Smart Class Rooms And Tutorial Rooms

## NMIET CAMPUS AT GLANCE



Classroom



Conference Hall



Boys & Girls Hostel in Campus



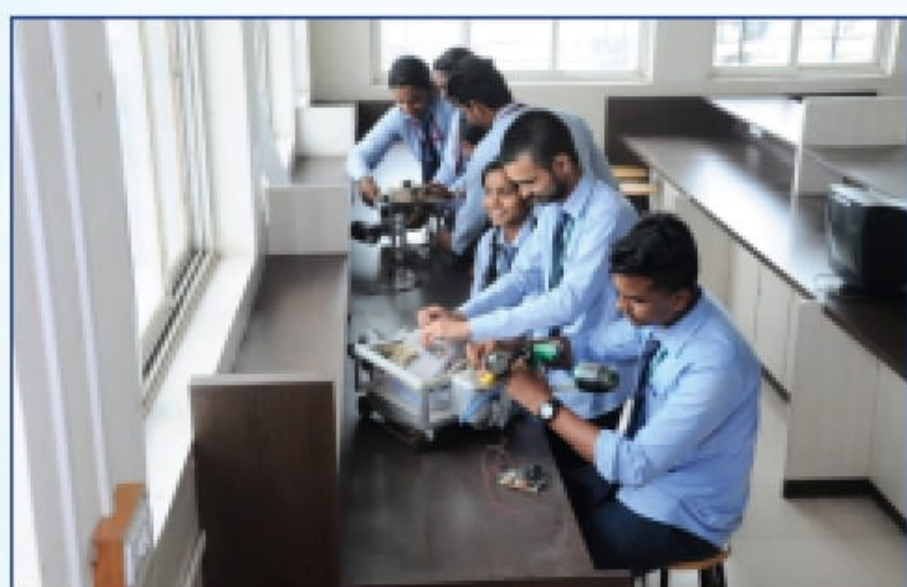
Library



Computer Center



Workshop



E-YANTRA Lab



Sports (Basket Ball Ground)



Transport Facility



## PLACEMENTS

### PCET's & NUTAN's Central Training And Placement Cell

Placements are conducted through "Central Training & Placement Cell" of PCET-NUTAN.

#### Our Major Recruiters

TCS, Capgemini, Wipro, Cognizant, Infosys, Accentures, KPIT, And Many More.....

Highest Package for PCET-Nutan 61 LPA

Average Salary Package of 5.06 LPA

#### SKILL LYNC

PROSAP Courses Training  
Available In Institute To Make  
Industry Ready Engineers

#### FOREIGN LANGUAGES

Foreign Languages Training Like  
Japanese, German is Provided For  
Abroad Placements

- PCET-NMVP is an Institute group in Maharashtra which is offering handsome and assured placement assistance.
- 300+ Companies Every Year Visit Our PCET-NUTAN Campus for Recruitment Drives.
- 20 Days exclusive & exhaustive preparation program for students named as "Campus Credential" for the third-year students.
- Many of our Alumni are working in Abroad, Reputed Companies & Government Departments.
- Green campus area and Location of College with Asia's Biggest Industrial Hub with 2000+ MNCs in Hinjewadi IT Hub and Pimpri-Chinchwad, Talwade, Bhosari, Chakan and Talegaon MIDCs.
- Industry Institute Interaction Cell (IIIC) Actively Run in Institute for growing placement graph.
- Company-specific training and preparation of Aptitude Tests, Group Discussion Sessions, Personality Development Sessions, technical interview, and personal interviews for improving performance in Campus Interviews.
- Placement offers received of all eligible students before final year result

#### EXCELLENCE CENTERS IN INSTITUTE

- "Data Science and Artificial Intelligent" center with Bharatsoft India
- "Information Security and Digital forensic" center In Association with Softtech. Data Security Pvt. Ltd.
- "Red Hat Open Source Technology" center with IT Academy.
- "International Microsoft Certification" center through ATS Infotech.
- "3D Printing Center" Technological Partnership with GEOCLID.
- "Data Analysis & Learning Hub" by Wisdom Sprouts.
- "JSM Infotech center" by JSM India Infosys.
- "Hi Tech Skills" by HiTech Skills Ventures, Pune.
- IIT-sponsored E-Yantra Laboratory for ROBOTIC.
- Online certifications courses center by Coursera.
- IIT Spoken Tutorials, NPTEL (SWAYAM), UDEMY, EDX.
- NUTAN CRS (Community Radio Station) by the Ministry of Information and Broadcasting, the Government of India

### Central Placement Cell

(Maharashtra's Leading Placement Cell with a Renowned Legacy)

PCCOE, PCCOE&R, NMIET and NCER are having Common Central Training & Placement Cell



For details log on to : [www.NMIET.edu.in](http://www.NMIET.edu.in) | Call : 02114 - 231666

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**NUTAN MAHARASHTRA INSTITUTE OF ENGINEERING & TECHNOLOGY (NMIET)**  
**TALEGAON DABHADE, PUNE 410507**

Address:- Samarth Vidya Sankul, Vishnupuri, Talegaon Dabhade, Pune-410507

 +91 7424 080910

 +91 7423 080910

 [pcet@nmiet.edu.in](mailto:pcet@nmiet.edu.in)

 NMIETPune

 /NMIETTalegaon/

 /nmietpune/