

PROSPECTUS



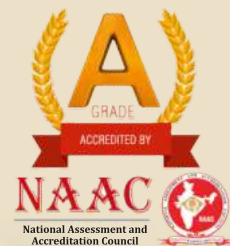
MAHATMA EDUCATION SOCIETY'S **PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY**

Pillai HOCL Educational Campus, Rasayani, Tal: Khalapur, Dist. Raigad - 410207

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*Approved by AICTE, Affiliated to the
University of Mumbai and Recognised by the Government of Maharashtra*



Accredited
With an "A" grade from
NAAC during 1st Cycle of
evaluation for 5 Years from
28th March 2019



Two UG-Programs
(Mechanical Engineering
and Computer Engineering)
Reaccredited For 3 Years from
31 January 2020
Two UG-Programs
(Information Technology
and Civil Engineering)
Peer Team Visited on
26-28 May, 2023
Result Awaited

**ISO
CERTIFIED**
9001 : 2015

In Recognition of the
organization's
"Quality Management System"
For 3 Years from
20th March 2019





**Pillai HOC College of Engineering and Technology (PHCET),
Rasayani has been positioned in the Rank Band 151 - 300 in
NIRF - INNOVATION RANKINGS 2023 (earlier known as ARIIA)
among 1417 HEIs participated from all over India**

Vision

*To develop professional engineers with respect
for the environment and make them responsible citizens
in technological development both from an Indian and global
perspective.*

*This objective is fulfilled through quality education, practical training
and interaction with industries and social organizations.*

Mission

*Pillai HOC College of Engineering and Technology will admit,
educate and train for engineering graduation a diverse population of
students who are academically prepared to benefit from the Institute's
infrastructure and experience, to become responsible professionals in
a technical arena. It will further attract, develop and retain dedicated,
excellent teachers, scholars and professionals from diverse
backgrounds whose work gives them visibility beyond the classroom
and who are committed to making a significant difference in the lives
of their students and the community.*

GENESIS

The Mahatma Education Society (MES) embarked upon its mission of "Education for All" with Chembur English School in the year 1970. The Mahatma Education Society is a proof of a vision linked irrevocably to national goals. Born in a time when education was deemed service, it set about bringing social and economic change through the proactive personal development of every child that came into its fold. The vision, dedication, global outlook, tenacious struggle and undaunted spirit of Dr. K. M. Vasudevan Pillai (Founder, Chairman and CEO) and Dr. Daphne Pillai (Secretary), the Trust grew from a single school into enormous group of institutions at diverse locations delivering quality education at all levels.

Today **MES owns and manages over 48 institutions** spread across six elegant Campuses at Borivali, Chembur, Powai, Khanda Colony New Panvel (W) and Rasayani. It manages educational Institutions from pre-primary to post graduation. It comprises of Schools, International Schools, Degree Colleges, Night Colleges, Management Institutions, Engineering Colleges, Architecture Colleges, Colleges of Education (including Physical Education) and Polytechnic Institutions. Popularly known as the Pillai Group of Institutions, this institution has its own major teacher training institutes, which allow it to define its own standards and to achieve 100% results unfailingly. The group has more than 35,000 students, 2,000 teachers and 1,500 members of support staff.

THE INSTITUTE

The MES group after establishing its name in the field of education with the experience of around 30 years, ventured into the field of Engineering Education with the establishment of Pillai College of Engineering (PCE) in the year 1999 in Panvel. Subsequently, after successfully running Pillai College of Engineering for more than a decade, MES set up the Pillai HOC College of Engineering and Technology at Rasayani. **Institute offers undergraduate (Bachelor of Engineering) postgraduate (Master in Engineering) programs and Ph.D. Programe.**

PHCET has state-of-the-art facilities and distinguished faculty who have been a nurturing ground for students of high academic capabilities. It is established on a 14 acre of lush green campus with more than 3,00,000 sq. ft of built up area comprising of spacious classrooms, well-equipped laboratories and workshops, new age computer facilities and a well-stocked library which provide a stimulating educational environment within the college. PHCET is housed in an eleven storied building. The College has attracted qualified and experienced faculty members catering to the needs of all the departments.

PHCET offers comfortable hostel facilities at very nominal charges with hygienic

vegetarian and non-vegetarian cuisine. The opportunity to study at Rasayani gives the tranquillity of village life without compromising on the attractions of the bustling city life.

PHCET imparts quality education by experienced and expert faculty and makes sure that students studying at PHCET pass out with flying colours irrespective of their initial academic performance. Each of our faculty members mentor our students and are available for guidance for about 15 students on a personal basis.

At PHCET, we believe in encouraging the students by creating an atmosphere where learning is fun. Faculty employees a learning centric approach.

Affiliation and Reaccredited

- Institute is established in 2009
- Affiliated to University of Mumbai
- Approved by All India Council for Technical Education (AICTE), New Delhi
- Recognized by Government of Maharashtra
- Computer Engineering and Mechanical Engineering are Reaccredited by National Board of Accreditation (NBA).
- Accredited by (NAAC) "A" Grade
- ISO Certified 9001:2015.

**Pillai
HOC
College
of
Engineering
and
Technology,
Rasayani**

FROM THE CHAIRMAN'S DESK

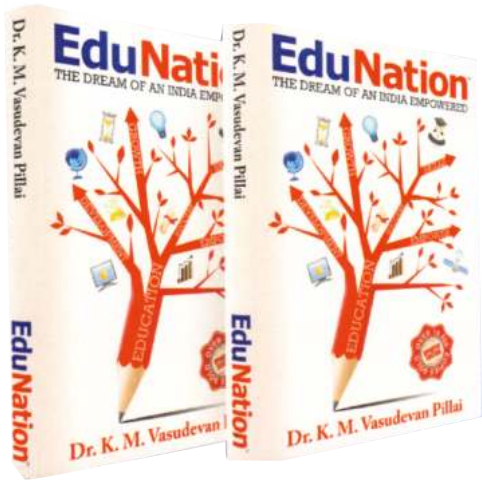


DR. K. M. Vasudevan Pillai
Chairman & C.E.O
Mahatma Education Society

We are committed to provide a holistic education based on new generation academics that creates powerful global career options to our students and at the same time make them key contributors to the society at large. We strive to achieve nation building by emphasizing on character building of individual. This is done through approach of mentoring."

I believe that globalization as a process is taking place independently of us. We have no option but to recognize it, understand it, and avail of its opportunities. In a globalized world, there is no room for an economy delinked from world trade and progress. If we do not gain the necessary skills to compete, and if we do not make these skills explicit to the world, we will be left behind. The world is looking at us so seriously today because we have one of the largest youth populations in the world. By educating them, giving them self-worth and the confidence to know what they can achieve and deliver. I believe a youth – empowered India is an India capable of affecting the world; it can define intellect and courage as its most powerful human assets, and can claim the 21st century as its own. I firmly believe that we can create a nation where every child enjoys every opportunity to grow into a self-reliant, self-respecting individual, capable of bringing his / her knowledge to serve his / her God, his / her family, and his / her country. Only when we achieve this through our collective will and our persistent effort will be able to throw off the stigma of being developing nation. We will be known not just as a knowledge economy, with skills in Information Technology (IT) and engineering, but as an industrial economy driving the forces of production worldwide, and as a rural economy that nourishes the land in which it thrives. We in phcet impart the sense of responsibility on the emerging generation of young leaders to realize this dream of an India empowered.

DR. K. M. Vasudevan Pillai has documented his travails in the progress of Mahatma Education Society through a book titled **EduNation : The Dream of an India Empowered**. This is an unprecedented piece of work. It not only exposes the glaring inadequacies of the Indian educational



m over a period of 60 years of Independence, but through a deep personal study of how things work in advanced countries, and through the examples of a spirited entrepreneurship of the author's own life provides chapter after chapter of meaningful hope. The book is an invaluable resource for all those interested in tapping into India's vast human capital. Government looking at reforms, entrepreneurs looking for real-time management truths, institution-builders wanting to get their foundations right, educators intent on getting, parents, teachers, students and philanthropists. It speaks to all in a language that is lucid, and with a pace, that is representative of the author's own scale of growth. The book released in March 2010 is now the topic of discussions in academic and literary circles, and has drawn considerable attention to the path breaking and untiring efforts of Dr. K. M. Vasudevan Pillai and Dr. Daphne Pillai in the field of education. On Monday the 28th June 2010, Dr. K. M. Vasudevan Pillai presented his book EduNation to the Hon. Union Minister, HRD, and Government of India Mr. Kapil Sibal. On the 15th September 2010, His Excellency Governor of Maharashtra, Mr. K. Shankaranarayanan granted them an exclusive audience at Raj Bhavan, Mumbai.

MESSAGE FROM PRINCIPAL



DR. JAGDISH W. BAKAL
M.Tech. Ph.D. (Computer Engineering)

We the faculty, staff and students of the Pillai HOC College of Engineering & Technology aim to become a leading Engineering College for QUALITY EDUCATION AND RESEARCH in Engineering. The infrastructure with the state of art library, communication skill lab, computing facilities, laboratories, campus amenities and a team of the competent faculty are ready to contribute to the suitable environment for the development of the YOUNG BRAIN INTO BRIGHT PROFESSIONALS. The teaching and learning process at Pillai HOC College of Engineering & Technology is designed to produce right combination of skills, knowledge and attitude while the emphasis is to be placed on understanding of basic concepts and fundamentals in each course, the student will also be encouraged to think across different subjects in interdisciplinary and multidisciplinary term through problem-based learning, group projects and hobby club activities. Institution's campus provides a unique environment to the students that promote culture, art, sports and human values. Various students' societies will provide a platform for several competitive extracurricular activities promoting individual and teamwork skill. We sincerely believe in developing the required capability, quality, and competence in our students that will make them create the value of their organization, society, nation and entire mankind through green and sustainable ways of development. Thanks to the extraordinary leadership of incumbent chairman and his closely guarded virtues of practicing angel from a social angel. As the Principal of this outstanding institution, it is my pleasure and honor to invite you to be a part of mission, vision and contribute to the development of this region and our great nation with devotion, dedication and discipline. Wishing students a bright future.

COURSES OFFERED

DIPLOMA IN ENGINEERING

COURSE	INTAKE
Civil Engineering	60
Computer Engineering	60
Mechanical Engineering	90

BACHELORS DEGREE IN ENGINEERING

COURSE	INTAKE
Civil Engineering	60
Computer Engineering	180
Information Technology	120
Electrical and Computer Engineering	60
Electronics and Computer Science	60
Mechanical Engineering	60
Total	540

MASTERS DEGREE IN ENGINEERING

COURSE	INTAKE
Civil Engineering (Construction Engineering & Management)	24
Computer Engineering	12
Electronics & Telecommunication Engineering	12
Mechanical Engineering (Machine Design)	12
Civil Engineering (Structural Engineering)	24
Total	84

Doctor of Philosophy (Ph.D.)

COURSE	INTAKE
Ph.D. in Civil Engineering	10
Ph.D. in Computer Engineering	10
Ph.D. in Mechanical Engineering (Applied)	10
Ph.D. in Electronics & Telecommunication Engg. (Applied)	10

Admission procedure will be done as per the Directorate of Technical Education, Mumbai & State Common Entrance Test Cell, Maharashtra, Mumbai norms.

GRIEVANCE REDRESSAL COMMITTEE

College Grievance Redressal Cell

Dr. Jagdish W. Bakal	Chairperson
Ms. Rohini Bhosale	Member Secretary
Dr. Manvendra Vashistha	Member
Dr. Mansi Subhedar	Member
Ms. Pranita Chavan	Member
Mr. Anurag Patil	Male Students Representative Member

Internal Complaints Committee

Dr. Shilpa Kewate	Chairperson	Ms. Sheetal Butle	Non-Teaching Staff Member
Dr. Divya Y. Chirayil	Member	Ms. Ramsha Beg	Female Students Representative
Mr. Asokan Selvaraj	Member	Ms. Shubhangi Kundekar	Class IV Women Employee Representative
Ms. Manisha Jamgade	Ph.D. Scholar	Dr. Celina Joy	NGO Member
	Ms. Rohini Bhosale	Member Secretary	

ANTI-RAGGING COMMITTEE

Dr. J.W. Bakal	Principal, Chairperson	Dr. Avinash Gatade	Member and Nodal officer
Dr. M. D. Nadar	Member	Dr. Divya Y. Chirayil	Member
Mr. R. D. More	Member	Ms. Bhagyesh Wavekar	Member - Male Students
Mr. Raju Narwade	Member	Ms. Aditya Dhangar	Member - Female Student Representative
Dr. Neha Shivhare	Member	Mr. Mokal Dhanashri	Member - Female Student Representative
Ms. Ekta Ukey	Member	Mr. Vendant Tare	Member - Male Student Representative
	Dr. Suhas Uthale	Member Secretary	

STATUTORY PROVISION

Ragging in Pillai HOC College of Engineering & Technology is totally banned and strictly prohibited as per the Maharashtra Prohibition of Ragging Act, 1999 and All India Council of Technical Education (Prevention and Prohibition of Ragging in Technical Institution).

FACILITIES



Conclave



Auditorium



Engineering Lobby



Sports Ground



Plastic Bottle
Recycling Machine

FACILITIES



Boys Hostel



Boys Hostel Room



Girls Hostel



Girls Hostel Room



Gymnasium



Cafeteria

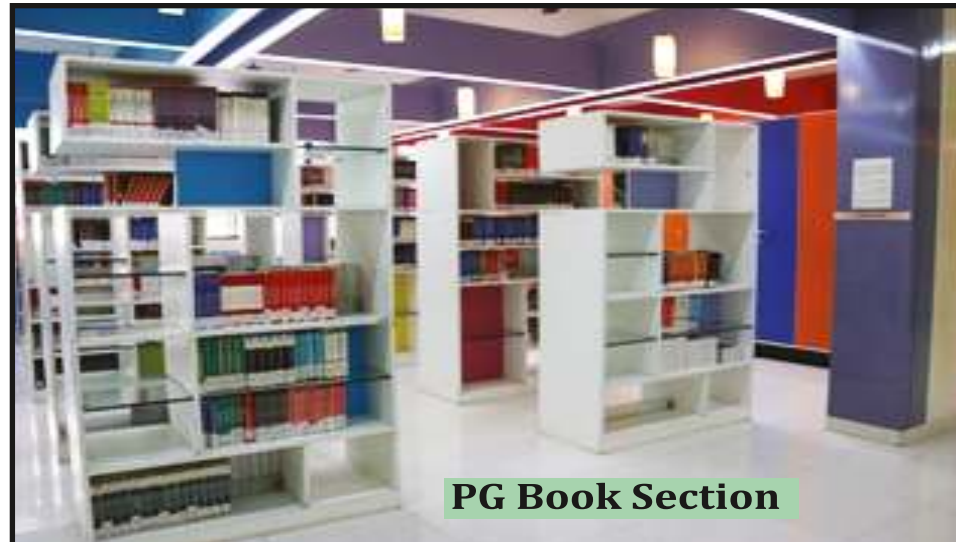


Bus Facility

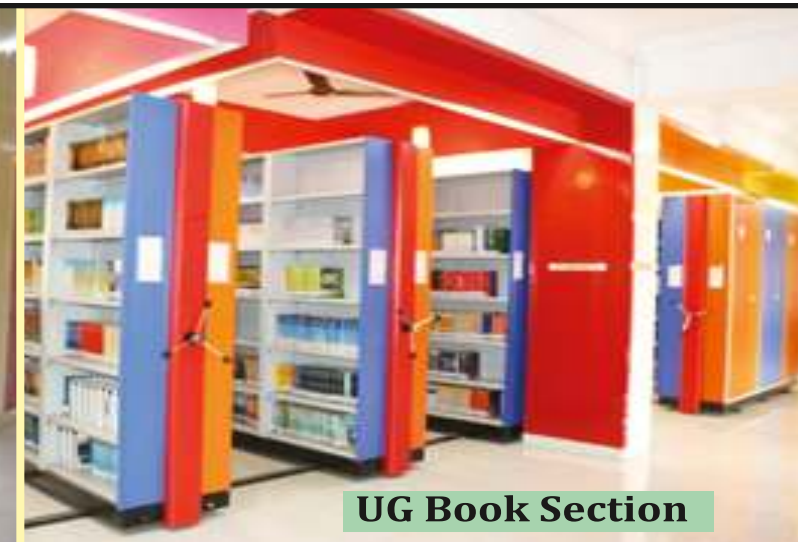


Cafeteria

LIBRARY



PG Book Section



UG Book Section



DIGITAL LIBRARY



Study workshop

PHCET Library is one of the important central facilities of the Pillai HOCL Educational Campus catering to the information needs of faculty, research scholars and students in Engineering. The library has also created a learning environment by establishing Online Public Access Catalogue Searching Area, internet browsing area for accessing e-resources, Laptop zone with Wi-Fi facility and specialized workstations like discussion rooms for users. Our library has more than **25000** books, **76** national and international magazine and journals. In addition to this; we have **6495** e-journals and **2094** e-books along with this free NPTEL videos are available.

RESEARCH & DEVELOPMENT

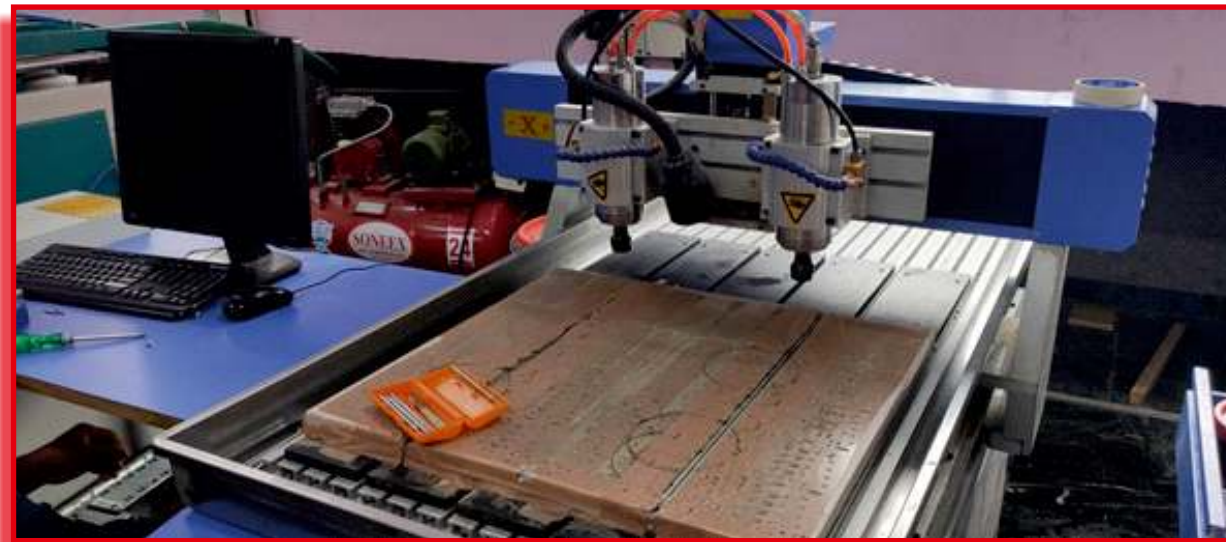


ISRO PILLAI'S (PHCET) OUTREACH NETWORK INSTITUTE

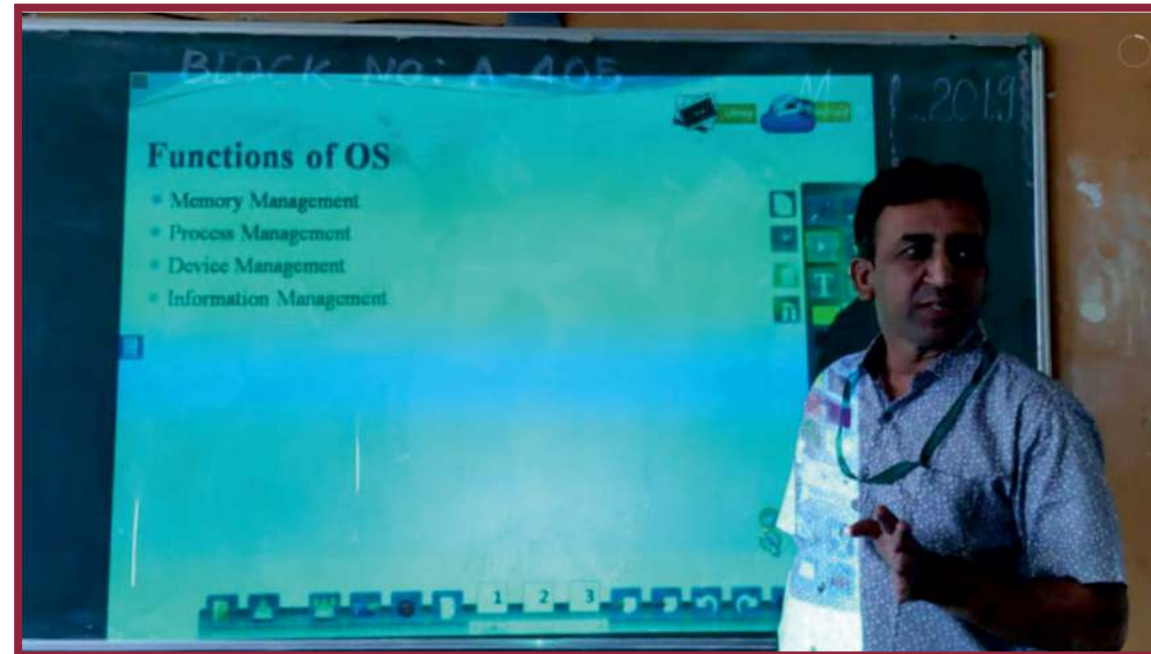




PCB Designing & Skill Lab



Smart Board



Light Board

Household energy consumption calculation

Sr. No	Name of Appliances	Watts (W)	No	Total watts (W*No)	No. of Hours	Energy (Total watts* No. of Hours)
1	Tube light	36	4	144	5	720
2	Fan	70	4	280	10	2800
3	Fridge	200	1	200	8	1600
4	AC	1000	1	1000	5	5000
5	Laptop	50	1	50	2	100
6	TV	70	1	70	2	140
7	Geyser	1000	1	1000	1	1000
8	Mixi	400	1	400	1/2	200
9	Washing Machine	500	1	500	1	500
10	Microwave oven	1500	1	1500	1/2	750
				5144		12910

Prof. Asokan S



DEPARTMENT INFORMATION

DEPARTMENT OF APPLIED SCIENCES AND HUMANITIES



Dr. Manvendra Vashistha has completed his Ph.D.in Physics from Department of Non Conventional Energy Resources, University of Rajasthan in 2000 and MBA in HR from National Institute of Business Management, Chennai in 2009.He has more that 28 year of teaching and research experience. His Research area include thin film metal hydrides, complex and chemical hydrides and other hydrogen storage materials. He has more than 40 International Journal Research Publication to his credit.

VISION

To train and develop the basic skill-sets which in turn facilitate the achievement of academic excellence in students and to help them to excel in their professional careers of choice.

MISSION

To provide value based education and mould the character of younger generation through Basic Sciences and Professional ethics to inculcate discipline and perseverance through methodological teaching with the aim of making them better professionals and better citizen

Department Laboratories

- | | |
|----------------------|-------------------|
| 1. Applied Physics | 3. Language Lab |
| 2. Applied Chemistry | 4. Basic workshop |



COMPUTER ENGINEERING



Rohini Bhosale is Pursuing PhD in Computer Engineering from Ramrao Adik Institute of Technology, D. Y. Patil University, Navi Mumbai. She has completed M.E. Computer Engineering from University of Mumbai. She has 14 years of teaching. Her research area is Cyber Security, GIS.. She has published 14 research paper in National, International journals. She has received minor research grant from the University of Mumbai. he is member of Syllabus revision committee under University of Mumbai. She is a approved Post Graduation Teacher of University Of Mumbai.

VISION

To produce technically competent, innovative, self-motivated computer engineers, through the teaching - learning process and research with globally accepted standards, who shall be responsible towards society and the environment.

MISSION

To develop graduates with competence, conscience and compassion who are prepared to excel in the field of computer engineering. To create an environment of excellence in both theoretical and practical aspects of computing. To encourage and strengthen innovative thinking and problem solving capability with emphasis on research and development with respect for the environment.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- 1. To develop expertise with top-notch logical and analytical skills in different programming paradigm, good debugging skill and ability to work with advanced tools and techniques.
- 2. To provide students with vast amount of technical knowledge in core domains of algorithm design, data structures, databases management, networking and able to combine them to provide concrete solutions for real life problems.
- 3. To inculcate in students the ability to gain multidisciplinary knowledge through projects and industrial training, providing a sustainable competitive edge in R&D and meeting industry needs.
- 4. To create academic ambience, skilful communication, leadership quality, self-motivation and ethical values to discover successful career path in national and international companies.
- 5. Contribute to the development of the next generation computing through designing solutions for complex engineering problems using emerging computing technologies.

PROGRAM SPECIFIC OUTCOMES (PSOs):

A graduate in Computer Engineering is expected to:

- 1. Apply knowledge of mathematical foundations, algorithmic principles and computer science in modelling and design of computer based systems.
- 2. Gather requirements, design and implement software projects using modern tools.
- 3. Solve real time problems by providing automated solutions in diverse fields of human endeavour.
- 4. Optimize the use of resources in problem solving and work as a team player.

Faculty Area of Expertise

- | | |
|---|---|
| <input type="checkbox"/> Cryptography and System Security | <input type="checkbox"/> Ethical Hacking and Digital Forensics |
| <input type="checkbox"/> Advanced Computer Networks | <input type="checkbox"/> Network Design and ManagementAdvanced Operating System |
| <input type="checkbox"/> Wireless Network Security | <input type="checkbox"/> Artificial Intelligence Machine Learning |
| <input type="checkbox"/> Data Mining | <input type="checkbox"/> Internet of Things |

Lab:

- | | |
|---|---|
| <input type="checkbox"/> Computer Graphics Laboratory | <input type="checkbox"/> Digital Signal and Image Processing Laboratory |
| <input type="checkbox"/> Internet Technologies Laboratory | <input type="checkbox"/> Database LaboratorySoftware Engineering Laboratory |
| <input type="checkbox"/> Security Laboratory | <input type="checkbox"/> Data Structure and Algorithms Laboratory |
| <input type="checkbox"/> Artificial Intelligence Laboratory | <input type="checkbox"/> Open Source Laboratory Networking Laboratory |
| <input type="checkbox"/> Programming Laboratory | <input type="checkbox"/> Computer Center |



CIVIL ENGINEERING



Mr. Raju Narwade has completed B.E. degree in Civil Engineering, M.E. in Structural Engineering and pursuing PhD from University of Mumbai. He has 18 years of teaching experience. He is an approved guide for ME program in Civil Engineering and has guided more than 15 students for their master's program in Civil Engineering. He is a member of syllabus revision committee for UG program in Civil Engineering and PG program in Construction Engineering and Management. His research area consists of structural engineering, hydrological parameters retrieval and impact assessment of climate change using remote sensing and GIS. He has published 20 research paper in National and International journals. He was selected for ISRO sponsored training program in 2018.

VISION:

To impart quality education to Civil Engineering graduates by keeping pace with rapidly changing technologies and to create professionals through teaching-learning and research, with capabilities of accepting global challenges who shall maintain integrity to serve society keeping respect for the environment.

MISSION:

To produce competent and quality conscious Civil Engineers with civic sense to strive for sustainable solutions and endeavor future engineers for excellence in all aspects to meet global standards and educating them for innovative thinking with relevance to professional career and entrepreneurship with industrial and social interface.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. To enable the student, to plan, analyze, design and its implementation on structures, transportation systems and hydraulic systems by taking into account geotechnical and other relevant aspects.
2. To enable the students to understand the reliability performance, economic feasibility and compliance to disaster resistance of various infrastructures.
3. To enable the students to be well acquainted with sound theoretical and practical knowledge to use advanced construction materials, tools and techniques to improve the performance of infrastructure.
4. To prepare the students to cope up with critical issues for professional practice and interaction with various stakeholders.
5. To enhance student's soft skills, leadership qualities, team spirit and responsibility towards society keeping in mind global industrial corporate requirement.

PROGRAM SPECIFIC OUTCOMES (PSOs)

A graduate in Civil Engineering is expected to be able to

1. Understand, analyse, interpret, design and estimate resources required for various civil engineering projects.
2. Address challenges of quality, consistency, finance and safety aspects of project management.
3. Use modern technologies and tools to implement infrastructure projects effectively
4. Work professionally and ethically as a team member to deliver multidisciplinary projects.



Faculty area of Expertise:

- ☐ Structural Engineering
- ☐ Water Resources Engineering
- ☐ Environmental Engineering
- ☐ Transportation Engineering
- ☐ Construction Engineering and Management
- ☐ Remote Sensing and GIS

Laboratories in Civil Engineering Department

- ☐ Building Materials and Concrete Technology
- ☐ Geo technical Engineering
- ☐ Fluid Mechanics
- ☐ Transportation Engineering
- ☐ Environmental Engineering
- ☐ Applied Hydraulics
- ☐ Engineering Geology
- ☐ Research Laboratory

ELECTRONICS AND COMPUTER SCIENCE



Dr. Mansi Subhedar has completed PhD in Electronics Engineering from RTMN University in May 2019. She has published 40 research papers in various reputed and SCI indexed international conferences and journals and has received more than 790 citations for her research work. She is life member of IETE, ISTE and IE. She has received research grants 3 times from University of Mumbai. She is reviewer for various national and international conferences and reputed journals like Elsevier, Springer and Wiley. She has served as Hon Secretary, IETE Navi Mumbai for 2 consecutive terms and is EC member at present. Her research interests include multimedia security, next generation networks.

VISION

To develop competent Electronics and Computer Science engineers through an innovative and effective teaching learning methods and quality research to make them globally competent professionals with commitment to society and respect for the environment.

MISSION

To inculcate in our student global competencies by creating an environment of excellence in teaching & learning, research and innovation with a commitment to lifelong learning



ELECTRICAL AND COMPUTER ENGINEERING



Ms. Pranita Chavan is Pursuing PhD from Sardar Patel College of Engineering, Mumbai University. She has completed M.E. Electrical (Power System) with Distinction from P.V.G's COET, Pune. Her research area is power system and power quality. She has 13 years of teaching as well as 2.5 years of industrial experience. She has published more than 10 papers in various conferences and journals. She is member of Syllabus revision committee under Mumbai University. She is an approved Post Graduation Teacher of Mumbai University.

Mission

Provide education and perform research in the emerging areas of electrical and computer engineering to enhance the competitiveness and contribute to economic, scientific, and social development.

Vision

The Department of Electrical and Computer Engineering produces skilled engineers who are prepared for life-long engagement in the rapidly changing fields of ECE. The department strives to achieve objectives of computer and electrical for skilful and employable engineers.



ELECTRICAL ENGINEERING



Ms.Pranita Chavan is Pursuing PhD from Sardar Patel College of Engineering,Mumbai University. She has completed M.E. Electrical (Power System) with Distinction from P.V.G's COET, Pune. Her research area is power sytem and power quality. She has 13 years of teaching as well as 2.5 years of industrial experience. She has published more than 10 papers in various conferences and journals. She is member of Syllabus revision committee under Mumbai University. She is a approved Post Graduation Teacher of Mumbai University.

VISION

To produce competent Electrical Engineers and Researchers to meet the needs of global industry and benefit of society.

MISSION

To produce competent Electrical Engineers who can tackle multiple responsibilities of analysis, design and implementation of electrical systems.



PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- 1 Achieve personal and professional success with awareness and commitments to their ethical and social responsibilities.
- 2 Maintain and improve their technical competence through lifelong learning and succeed in an advanced degree program in a field such as engineering and science.
- 3 Student should be able to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability.
- 4 Student should be able to use the techniques, skills, and modern engineering tools necessary for engineering practices.
- 5 Student must be updated about the new technological developments and contribute to the expansion of engineering knowledge.

PROGRAM SPECIFIC OUTCOMES (PSOs):

- 1 Keep abreast of technological developments in the field of Electrical Engineering.
- 2 Have the capability to participate in collaborative-multidisciplinary engineering projects and work as an effective team member in electrical domain.
- 3 Apply technical skills and competencies to design and analyze Electrical systems.
- 4 Have proficiency in the use of software and hardware to provide technical solutions to complex electrical engineering problems.

Faculty Details

Undergraduate Degree in Engineering (B.E.)

- Doctorate Degree Holders : 01
- Masters Degree Holders : 10
- Faculty Registered for Ph.D : 04

Faculty Area of Expertise

- | | | |
|---|--|---|
| <input type="checkbox"/> Electrical Machines | <input type="checkbox"/> Power Electronics | <input type="checkbox"/> Power system |
| <input type="checkbox"/> High Voltage Engineering | <input type="checkbox"/> Electrical Power system | <input type="checkbox"/> Power system Operation and Control |
| <input type="checkbox"/> Power System Modeling | <input type="checkbox"/> Embedded System | <input type="checkbox"/> Microprocessor and microcontroller |
| <input type="checkbox"/> Control systems | <input type="checkbox"/> Instrumentation | <input type="checkbox"/> Renewable Energy |

ELECTRONICS & TELE-COMMUNICATION ENGINEERING



Dr. Mansi Subhedar has completed PhD in Electronics Engineering from RTMN University in May 2019. She has published 40 research papers in various reputed and SCI indeed international conferences and journals and has received more than 790 citations for her research work. She is life member of IETE, ISTE and IE. She has received research grants 3 times from University of Mumbai. She is reviewer for various national and international conferences and reputed journals like Elsevier, Springer and Wiley. She has served as Hon Secretary, IETE Navi Mumbai for 2 consecutive terms and is EC member at present. Her research interests include multimedia security, next generation networks.

VISION

To develop competent Electronics and Telecommunication engineers through an effective teaching learning process and quality research to make them world class professionals who strive continuously in pursuit of excellence with commitments for the society and respect to environment.

MISSION

- 1 To focus on innovative and interactive teaching learning process and shaping their academic foundation in Electronics and Telecommunication Engineering.
- 2. To inculcate global competencies in our students to excel them in quality education and research.
- 3. To develop spirit of professionalism and ethical attitude amongst students with strong commitment towards society.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- 1. To provide theoretical knowledge and practical training in Electronics and Telecommunication Engineering subjects for deploying feasible systems.
- 2. To develop the next generation Telecommunication technology through research and development.
- 3. To educate the students to analyze the technical problems of the society and find the product based solution in responsive and innovative manner.
- 4. To inculcate the habit of lifelong learning of career development through successful completion of advance professional courses, industrial training etc.
- 5. To create awareness among the students towards the ethical, social and environmental issues in the professional career.

PROGRAM SPECIFIC OUTCOMES (PSOs):

- A Graduate in Electronics and Telecommunication Engineering should be able to
- 1. Analyse complex engineering problems in Electronics and Telecommunication and identify optimal solutions
 - 2. Design systems and processes to meet the needs in Electronics and Telecommunication Engineering with a realistic understanding of the constraints of resources
 - 3. Understand and resolve the challenges in multidisciplinary projects and contribute productively as a team player
 - 4. Choose the world of work or pursue advanced studies in the chosen field of an individual.

Areas of Expertise:

- | | |
|---|--|
| <input type="checkbox"/> Wireless Communication | <input type="checkbox"/> Optical Fibre and Satellite Communication |
| <input type="checkbox"/> Antenna Design | <input type="checkbox"/> Embedded systems |
| <input type="checkbox"/> Intelligent Systems | |

Labs

- | | | |
|---|---|--|
| <input type="checkbox"/> Analog Electronics Lab | <input type="checkbox"/> Industrial Electronics Lab | <input type="checkbox"/> Advanced Communication Lab |
| <input type="checkbox"/> Antenna & Microwave Lab | <input type="checkbox"/> Communication Lab | <input type="checkbox"/> Instrumentation & Control Systems |
| <input type="checkbox"/> Project Lab | <input type="checkbox"/> Simulation Lab | |
| <input type="checkbox"/> microprocessor & Microcontroller Lab | | <input type="checkbox"/> Signal Processing Lab |
| <input type="checkbox"/> Digital Electronics Lab | | |



INFORMATION TECHNOLOGY



Dr. Divya Y. Chirayil has completed PhD from Gandhi Institute of Technology and Management University in Dec 2019 with specialization in Wireless Network. She has total twenty years of Teaching and Industry Experience. She is an approved guide for ME program and has guided more than 10 students for their Master's Program. She is a member of syllabus revision committee for UG program in Information Technology Engineering. She is reviewer for various referred national and international conferences and journals. She has more than 23 International Conference and Journal Research Publication to her credit. Her research interests include Artificial Intelligence, Machine Learning and Wireless Network.

VISION

To explore and impart competent and skilled intellectual IT professionals through excellent teaching learning who can focus on research and innovation to cater global challenges, professionalism, excellence and evolve as motivated information technology graduates with strong ethical values for modern computing society.

MISSION

To develop technically competent IT professionals with strong foundations, able to adapt the changing technology. To inculcate a spirit of team work, innovation and civility among the students through continuous learning and research in the core and emerging areas of Information Technology. To empower students to design, develop and test world class software systems and innovative products for solving real life problems and serving society.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

- 1. To provide students with a strong foundation of integrated IT based solution based on analysis, design, implementation, and testing.
- 2. To make students to be able to select and apply current techniques and IT tools necessary for computing practices and integrate IT based Solutions into the user environment effectively.
- 3. To enable students for analyzing real life problem, provide technically sound solutions that are economically feasible and socially acceptable.
- 4. To provide exposure to emerging cutting edge technologies, adequate training & opportunities to work as a team on multi disciplinary projects with effective communication skills and leadership qualities.
- 5. To promote an understanding of lifelong learning and research temperament.

PROGRAM SPECIFIC OUTCOMES (PSOs):

The programme aims to develop technical competence and managerial skills in Information Technology graduate that would enable one to:

- 1. Design, implement and evaluate computer based systems or processes to meet specific requirements.
- 2. Develop IT solutions for complex problems paying attention to public health, safety, and the cultural, societal, and environmental issues.
- 3. Demonstrate knowledge and understanding of principles of project management and system thinking and apply these to manage large IT projects in multidisciplinary environments.
- 4. Work as a team member or a leader to accomplish the common goal in a multidisciplinary team.

Faculty Area of Expertise

- | | |
|---|--|
| <input type="checkbox"/> Machine Learning | <input type="checkbox"/> Artificial Intelligence |
| <input type="checkbox"/> Image Processing | <input type="checkbox"/> Internet of Things |
| <input type="checkbox"/> Data Mining | <input type="checkbox"/> Cyber Security |

Labs

- | | |
|--------------------------|---|
| 1. Open Source Lab | 5. Web Technology Lab |
| 2. Network Lab | 6. Cryptography and Security Lab |
| 3. Programming Lab | 7. Cloud Computing & Big Data Analytics Lab |
| 4. Advanced Database Lab | 8. Intelligent Systems Lab |



MECHANICAL ENGINEERING



Dr. Gajendra V. Patil is a Professor & Head of Mechanical Engineering Department. He holds his Ph.D. degree in Mechanical Engineering from Veermata Jijabai Technological Institute (VJTI). His area of research is Flow-induced vibration, Design and Finite element analysis. He has total 19 .5 years of experience, 17 years in teaching and research (approved faculty)and 2.5 years in industrial experience. He is a approved Post Graduate teacher recognized by University of Mumbai. He has published his research in technical peer reviewed National & International publications.

VISION

To establish a department of excellence in Mechanical Engineering encompassing design, manufacturing, and thermal sciences by providing high quality education through teaching-learning process and research to meet the technological challenges.

MISSION

To educate and prepare undergraduate students with theoretical and practical skills required for successful career in mechanical and allied discipline with ethics and respect to environment

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. To prepare students for advanced technologies available in the fields of finite element analysis, robotics, materials, manufacturing, automobile and thermal engineering.
2. To educate students in design and development of mechanical products and systems that meet specified requirements by correlating theoretical and practical knowledge gained through various modelling applications and machines.
3. To train students in various interdisciplinary subjects including management and communication to enhance interpersonal and leadership skills which will ultimately improve employability.
4. To provide opportunity for students to develop real time projects by participating in professional bodies like SAE, e-Yantra, MESA.
5. To motivate students for lifelong learning and pursuing their achievements, while retaining high ethical values through project and business management.

PROGRAM SPECIFIC OUTCOMES (PSOs):

The programme aims to develop technical competence and managerial skills in Mechanical Engineering graduate that would enable one to:

1. Analyse mechanical systems by conducting experimental studies and simulations.
2. Solve complex problems in the domains of design, thermal, manufacturing and Interdisciplinary systems.
3. Apply technical and managerial knowledge and skills to work as good team players in interdisciplinary projects.
4. Identify new sources of renewable energy and contribute towards the society.

Laboratories

- | | | |
|---|--|--|
| <input type="checkbox"/> Workshop | <input type="checkbox"/> Engineering Mechanics | <input type="checkbox"/> Strength of Materials |
| <input type="checkbox"/> Refrigeration And Air Conditioning | <input type="checkbox"/> Pumps, Fans & Compressors | <input type="checkbox"/> Kinematics of Machinery Lab |
| <input type="checkbox"/> Mechanical Vibration Lab | <input type="checkbox"/> Mechanical Measurements and | |
| <input type="checkbox"/> Mechatronics & Material Technology Lab | Metrology Lab | |
| | <input type="checkbox"/> Research Lab | |



DEGREE DISTRIBUTION CERTIFICATE CEREMONY



TOPPERS OF PHCET
Toppers of 2021 - 22

DEPARTMENT OF APPLIED SCIENCES & HUMANITIES

RANK	NAME OF STUDENT	CGPA
1.	SHINDE SANIKA SHIVDAS	9.84
2.	SHELKE PRATHMESH PRATAP	9.69
3.	PATIL PRAJWAL PRADIP	9.6
4.	PATIL RASHMI KISHOR	9.59
5.	PATIL DHANASHREE DNYANESHWAR	9.5

DEPARTMENT OF AUTOMOBILE ENGINEERING

TE			BE		
RANK	NAME OF STUDENT	CGPA	RANK	NAME OF STUDENT	CGPA
1.	DALAL ASHWIN RAJESH	8.18	1.	SUTHAR VINOD BHAGWANLAL	9.255
2.	SAWANT SUYASH MAHENDR	7.93	2.	GAWADE TEJAS PANDURANG	8.95
3.	ALOHAR DHANRAJ DATTATREY	7.48	3.	SHAIKH MOHD. SAHIL ASHAD BANE SHAIKH	8.745
4.	BHOIR SHUBHAM ARUN	6.87	4.	NAIK ASHISH KESHAV	8.74
5.	PARAB OMKAR NANDKISHOR	6.61	5.	PATIL ANUJ BIPIN	8.645

DEPARTMENT OF CIVIL ENGINEERING

SE			TE		
RANK	NAME OF STUDENT	CGPA	RANK	NAME OF STUDENT	CGPA
1	RASAL YASH JANARDHAN	9.5	1	VISHWAKARMA KRISHNA GONAPPA	9.12
2	NAVDEKAR RUTUJA DINANATH	9.08	2	SIDDIQUI MOHAMMED SAIF MOHAMMED SAJID	8.98
3	VISHE ASHWIN ANIL	8.97	3	RAUT KRUSHNA GOVIND	8.92
4	BHOIR SONAL SANTOSH	8.67	4	CHAUDHARI ANIKET RAJENDRA	8.89
5	GHOTANE SHRUTI SUBHASH	8.61	5	DAMDE ROHIT KRISHNA	8.69

BE		
RANK	NAME OF STUDENT	CGPA
1	GUDHEKAR SAKSHI SUDHIR	9.97
2	ULVEKAR ANKIT ARUN	9.79
3	SAWANT VEDANT SANDEEP	9.58
4	PATIL PRANALI VINAYAK	9.48
5	NIMBOLKAR JUILY DINESH	9.47

DEPARTMENT OF COMPUTER ENGINEERING

SE			TE		
RANK	NAME OF STUDENT	CGPA	RANK	NAME OF STUDENT	CGPA
1	MAHAJAN YASH SANJAY	9.7	1	KADAM YASH ABA	9.23
2	KHANE SAHIL SANJAY	9.6	2	GURAV SHREEYASH SURENDRA	9.27
3	THAKUR GAURAV MARUTI	9.39	3	SINGH LAVLESH SHRISHYAM	9.26
4	SHINDE ROHAN SURESH	9.38	4	BHOIR SEJAL JANARDAN	9.24
5	PASI NIHAR MAHESH	9.32	5	PATIL PUSHKAR RAJESH	9.24

BE		
RANK	NAME OF STUDENT	CGPA
1	AMRUTE AVIPRA PRAKASH	9.71
2	AWARI PRATIK SAMPAT	9.69
3	KAWADE KRUTIKA KAMALAKAR	9.62
4	PATIL SHRADDHA	9.48
4	CHANDRAKANT	9.39
5	GADGE PRAJWAL RAMDAS MHATRE RUCHIRA RAVINDRA	9.39

TOPPERS LIST

TOPPERS LIST

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

SE			TE		
RANK	NAME OF STUDENT	CGPA	RANK	NAME OF CANDIDATE	CGPA
1	GAIKAR PURVA SANJAY	8.57	1	SURVE CHINMAY SUBHASH	7.81
2	POTDAR RAJESH PRAVIN	8.48	2	PANDIT SRUSHTI PRAMOD	7.65
3	MHATRE RIYA CHANDRAKANT	8.44	3	BOBADE OMKAR RAJENDRA	7.26
4	LABDE OMKAR HANUMANT	8.32	4	PATIL JAYDIP RAJENDRA	7.17
5	YADAV PRANAY VIJAY	8.08	5	BARSHI ATHARVA ASHOK	7.16
BE					
RANK	NAME OF STUDENT	CGPA			
1	SHELKE SANSKRUTI DAMODAR	9.59			
2	KADAM JANHAVI SANJAY	9.53			
3	SHINDE SHRADDHA MAHADEV	8.89			
4	PAWAR RIYA GURUNATH	8.81			
5	KOLI SONIA ROSHAN	8.77			

DEPARTMENT OF ELECTRICAL ENGINEERING

SE			TE		
RANK	NAME OF STUDENT	CGPA	RANK	NAME OF CANDIDATE	CGPA
1	PATHAN AFTAB SHABBIR	9.27	1	PATIL SAGAR KRUSHNAKANT	9.78
2	KAWALE SARVESH SUDHIR	9.11	2	MADHAVI AKANKSHA GIRIDHAR	9.37
3	MOHITE NIRAJ SANTOSH	8.81	3	RAI RITIKA	9.28
4	MENDEWAD RAMDAS VYENKATI	8.8	4	THOPATE VAISHNAVI VILAS	9.16
5	JAISWAL GAURAV SHYAMBAHADUR	8.68	5	JADHAV SHUBHAM TUKARAM	9.11
BE					
RANK	NAME OF STUDENT	CGPA			
1	WANKHADE SHUBHAM DILIP	9.45			
2	KADAGE RUSHIKESH RAMCHANDRA	9.25			
3	TANDEL VIDDESH MARUTI	9.21			
4	NALAWADE SIDDHA SAMIR	9.2			
5	TELANG ANIKET SOPAN	9.12			

DEPARTMENT OF INFORMATION TECHNOLOGY

SE			TE		
RANK	NAME OF STUDENT	CGPA	RANK	NAME OF STUDENT	CGPA
1	AHIR VIKRANT PANDHARINATH	8.065	1	PATIL RASIKA BHAI	9.56
2	ANGAT SAYALI GANESH	7.805	2	DABADE GANESH NANASAHEB	9.2
3	AWAD SANIKA JANARDAN	8.22	3	RAJPUT BHAVIKA JAIPRAKASH	9.13
4	AWHAD ADITYA NAMDEV	7.585	4	HATTARKE JYOTI VIJAYKUMAR	8.88
5	BADEKAR JAY ASHOK	7.52	5	KORE RUTUJA UTTAM	8.80
BE					
RANK	NAME OF STUDENT	CGPA			
1	THAKUR TANAYA MANOHAR	9.67			
2	JADHAV ADITYA BALKRUSHNA	9.49			
3	KHALADKAR ANIKET VIJAY	9.29			
4	GAWHALE MEHUL NARESH	9.28			
5	SHIVATHARE MEGHAL DAYANAND	9.14			

DEPARTMENT OF MECHANICAL ENGINEERING

SE			TE		
RANK	NAME OF STUDENT	CGPA	RANK	NAME OF STUDENT	CGPA
1	PATIL PRASAD AVINASH	8.76	1	MANE DIPESH LAXMAN	9.38
2	DUKARE PRATIK PANDURANG	8.66	2	TATE SAGAR DADASAHEB	8.58
3	PATIL HARSHADA DNYANESHWAR	8.35	3	MAHADIK HARSHAD SUNIL	8.55
4	PATIL KUNAL SUNIL	8.28	4	PAL HIMANSHU RAGHVENDRA	8.53
5	TEMBE MEGHAN RAVINDRA	8.15	5	KONDILKAR ESHWARI SANTOSH	8.48
BE					
RANK	NAME OF STUDENT	CGPA			
1	PATIL RACHANA JAYWANT	9.28			
2	SINGH PRASHANTRAJ RAVIRANJAN	9.26			
3	SAYYED MOHD AFFAN NOOR AHMED	9.1			
4	NALE SURAJ KESHAV	9.02			
5	MAURYA SURAJ RAMSAKAL	8.89			

Memorandum of Understanding

Academic Year	Organisation with which MoU is signed	Month/ Year of Signing MoU
2022-24	ESS Detailing Services LLP	Feb 01, 2023 to Feb 01, 2028
2022-23	Blomzen Pvt. Ltd	Mar 02, 2022 to Mar 02, 2025
2022-23	Janata Shikshan Mandal's	June 17, 2022 to June 17, 2024
2021-22	RCF	June 16, 2022 to June 15, 2023
2022-23	Geh Research	Oct 4, 2021 to Oct 3, 2026
2021-22	Reva Technologies	April 9, 2022 to April 9, 2025
2021-22	Prograssive Expert consulting Pvt. Ltd.	December 10, 2021 to December 10, 2026
2021-22	RCF	March 16, 2021 to March 15, 2022
2021-22	Bloomzen	March 2, 2022 to March 2, 2025
2021-22	IGBC	March 11, 2022 to March 11, 2024
2021-22	IRMRA	Jul 13, 2021 to live
2020-21	Dhirendra Group	Feb 12, 2020 to valid for 1000 days
2020-21	Skills Council of India	Feb 08, 2021 to Feb 08, 2024
2020-21	ZinZout	Dec 7, 2020
2020-21	TVM	Oct 31, 2020 to Oct 31, 2025
2020-21	SP Concure Pvt Ltd	Jan 1, 2021 to 1 Jan 2026

Memorandum of Understanding

Academic Year	Organisation with which MoU is signed	Month/ Year of Signing MoU
2019-20	Prepectual Gravity Lab	May 28, 2019 to May 28, 2020
2019-20	Taloja Industries	Jan 27, 2020 to live
2019-20	CADD Center	Jan 27, 2020 to Jan 27, 2025
2019-20	DGC	Feb 12, 2020 to Jan 27, 2025
2019-20	JOG INFRASTRUCTURE PVT. LTD.	Jan 17, 2020 to Jan 17, 2025
2019-20	Padeco	Sept 01, 2019 to Sep 01, 2021
2019-20	Structwell	Nov 8, 2019 to Nov 8, 2024
2019-20	TPSDI	Oct 17, 2019 to Oct 17, 2020
2019-20	Chetan Construction	Sept 01, 2019 to Sept 01, 2022
2019-20	J M Mhatre	Sept 01, 2019 to Sept 01, 2021
2019-20	Biocrux	Jul 15, 2019 to live
2019-20	Siemens	Jul 17, 2019 to July 17, 2021
2018-19	Teleman	Jul 6, 2019 to June 5, 2022
2018-19	RightSol Pvt Ltd	Jun 13, 2019 to live
2018-19	PG Labs 3 yr	May 28, 2019 to May 28, 2020
2018-19	RCF	May 4, 2019 to May 3, 2020

Memorandum of Understanding

Academic Year	Organisation with which MoU is signed	Month/ Year of Signing MoU
2018-19	OHT (5 yr)	Mar 1, 2019 to Mar 1, 2024
2018-19	Greycast 3 yr	Feb 14, 2019 to Feb 14, 2022

First Year Induction Programme



First Year Activities

Corrective Measures and Future planning



Personal Growth through Reflective Practices



Mahatma Education Society's
Pillai HOC College of Engineering and Technology
Department of
Applied Sciences and Humanities



Study Workshop

A Seminar On
BASIC HUMAN ASPIRATIONS AND THEIR FULFILMENT
For First year students

Thursday, 9 March 2023
10.30am to 12.30pm
One lecture

COORDINATOR:
Sunita Khansole
Asst. Professor, Pillai HOC
College of Engineering and Technology

SPEAKER:
Dr. Yashwant Patil
Professor and HoD, Shivajirao
Jhondhle College of
Engineering and Technology

LIST OF STUDENTS PLACED - BATCH 2023

Sr No.	Name of Student	Department	Name of Company
1	Sakshi Dudhankar	Computer	Capgemini
2	Tanmay Choudhari	Computer	Capgemini
3	Harshvardhan Kadam	Computer	Accelya
4	Bhushan Khanavkar	Computer	Accelya
5	Ganesh Dhabade	IT	Reliance Jio
6	Shubham Gapat	Computer	WTW
7	Amey Dandekar	Electrical	Blue Star India Ltd
8	Vismay Yerunkar	Computer	TSS Consultancy Pvt Ltd
9	Simran Surve	Computer	Reliance Jio
10	Harsh Shah	Computer	Reliance Jio
11	Omkar Berde	Computer	Reliance Jio
12	Prajwal Powale	Computer	Reliance Jio
13	Soham Dharap	Computer	Reliance Jio
14	Shivam Prasad	Computer	Reliance Jio
15	Sami Ahmed	Computer	Reliance Jio
16	Shubham Dalvi	Computer	Reliance Jio
17	Rishabh Mehta	Computer	Reliance Jio
18	Lavlesh Singh	Computer	Reliance Jio
19	Swapnil Khanpate	Computer	GEP
20	Karan Patil	Computer	TSS Consultancy Pvt Ltd
21	Anish Ghogare	Computer	Emphasys
22	Aniket Sawant	Computer	Yotta Infrastructure Solutions
23	Tanuja Patil	Computer	Aurionpro
24	Madhura Kahde	Computer	Aurionpro

Sr No.	Name of Student	Department	Name of Company
25	Parth Wani	Computer	Servosys Solutions
26	Rasika Patil	Computer	Aurionpro
27	Nisarga Deshmukh	Computer	Aurionpro
28	Shweta palve	Computer	Yotta Infrastructure Solutions
29	Pritish Parkar	IT	Aurionpro
30	Sanket Salvi	Computer	Sankey Solutions
31	Nikhil Bhosale	Electrical	Sankey Solutions
32	Krutika Bhagane	Computer	Hexaware Technologies
33	Siddhart Shinde	Computer	Hexaware Technologies
34	Viraj Dige	Computer	Godrej Infotech Pvt Ltd
35	Tejas Magade	Computer	Sankey Solutions
36	Shrushti Patil	Computer	PeriUrja Energy Pvt Ltd
37	Shubham Jadhav	Computer	PeriUrja Energy Pvt Ltd
38	Sanket Ichale	Computer	Rite Technologies
39	Abhishek Nikam	Computer	TCS
40	Yuvraj Jadhav	Computer	TCS
41	Yash Tiwari	Computer	TCS
42	Rucha Mahalkar	Computer	Nucsoft Ltd
43	Shruti Deshmukh	Computer	Nucsoft Ltd
44	Animesh More	Computer	Randstand Engineering
45	Rushabh Kurangale	Computer	Randstand Engineering
46	Vaishnavi Thopate	Computer	Vedam Design
47	Ruthik Ingale	Computer	Mindcraft Software Pvt Ltd
48	Hritik Mhatre	Computer	Connectwell Industries Ltd

Highest Package 12 Lakh P.A.

LIST OF STUDENTS PLACED - BATCH 2023

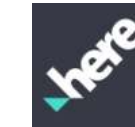
Sr No.	Name of Student	Department	Name of Company
49	Trunal Goyji	Electrical	Connectwell Industries Ltd
50	Nishant Patil	IT	PeriUrja Energy Pvt Ltd
51	Vibhanshu Patil	Mechanical	PeriUrja Energy Pvt Ltd
52	Aditya Fundekar	Electrical	Bharat Mumbai Container Terminals Pvt Ltd
53	Sagar Patil	Electrical	Bharat Mumbai Container Terminals Pvt Ltd
54	Vishal Mali	IT	Bharat Mumbai Container Terminals Pvt Ltd
55	Nishant Kange	Mechanical	Bharat Mumbai Container Terminals Pvt Ltd
56	Mihir Chachad	Mechanical	Bharat Mumbai Container Terminals Pvt Ltd
57	Kaustubh Jadhav	Mechanical	Bharat Mumbai Container Terminals Pvt Ltd
58	Pratit Patil	Mechanical	Bharat Mumbai Container Terminals Pvt Ltd
59	Shubham Bhoir	Mechanical	Bharat Mumbai Container Terminals Pvt Ltd
60	Aafreen Sayyad	Civil	ESS Detailing services LLP
61	Manish Shelke	Civil	ESS Detailing services LLP
62	Siddhant Bhosale	Civil	ESS Detailing services LLP
63	Omkar Bobade	EXTC	Startologic Technologies Pvt Ltd
64	Chinmay Surve	EXTC	Startologic Technologies Pvt Ltd
65	Anish Patil	EXTC	Startologic Technologies Pvt Ltd
66	Pranali Patil	Computer	Vertoz
67	Vedant Pingale	Computer	Vertoz
68	Akshay Gaikwad	Electrical	Pennwalt Ltd
69	Nitish Shetty	IT	Aurionpro
70	Shreyas Repale	IT	Turing Minds
71	Krutika Pawar	Mechanical	Luna Technologies Pvt Ltd
72	Shubham Patil	Mechanical	Luna Technologies Pvt Ltd

Sr No.	Name of Student	Department	Name of Company
73	Suyog Shedge	Mechanical	Pennwalt Ltd
74	Rishi Habbu	Mechanical	Pennwalt Ltd
75	Aniket Vishwakarma	Mechanical	Pennwalt Ltd
76	Bhagyesh Wavekar	Mechanical	Institute of Industrial Design
77	Vineet Badekar	Mechanical	Institute of Industrial Design
78	Dayal Thakur	Computer	Turing Minds

TRAINING & PLACEMENT



COMPANIES PARTICIPATING IN PLACEMENTS



GLOBALLY RECOGNISED MASSIVE OPEN ONLINE COURSES



coursera



NPTEL

National Programme on
Technology Enhanced Learning



SOL  **LEARN**

LEARN PLAYING. PLAY LEARNING

BUSINESS PLAN COMPETITION



VALUE ADDED COURSES

COURSES OFFERED

Pspice and LT Spice
Introduction and Application of Matlab
UIUX Jumpstarter
PCB Design
Python for Data Science and Machine Learning
Embedded System Design
Certified SOLIDWORKS Associate (CSWA)
Certified SOLIDWORKS Professional (CSWP)
Non Destructive Techniques (NDT)

**Nodal center for virtual labs by the Ministry of Human Resource
Development through its ICT running under the National Education Mission.**



An MoE Govt of India Initiative

INDUSTRY INSTITUTE INTERACTION



FIELD AND INDUSTRIAL VISITS

**ELECTRICAL DEPT SITE VISIT
TO LOCO SHADE, VIRAR**



**CIVIL DEPT VISIT TO
WATER TREATMENT PLANT**



**ELECTRICAL DEPT VISIT
TO L_T, PUNE**



**MECHANICALDEPT VISIT TO
KAJU FACTORY_DAPOLI**



**Industry Visit at Maharashtra's First Completely
Automated Dairy – Centre of Excellence Dairy,
Baramati, Pune**



ECS DEPT VISIT TO GMRT



**Industrial Visit to Smart Kalyan Dombivli
Development Corporation Ltd, Kalyan**



STUDENT ACTIVITIES



Mahatma Education Society's
Pillai HOC College of Engineering and Technology

Department of
Applied Sciences and Humanities

INSTITUTION'S
INNOVATION
COUNCIL

A Seminar On
**BASIC HUMAN
ASPIRATIONS AND
THEIR FULFILMENT**
For First year students

Thursday, 9 March 2023
10.30am to 12.30pm
One lecture

COORDINATOR: Sunita Khansole
Asst. Professor, Pillai HOC
College of Engineering and
Technology

SPEAKER: Dr. Yashwant Patil
Professor and HoD, Shivajirao
Phondhle College of
Engineering and Technology



STUDENT COUNCIL ACTIVITIES

Mahatma Education Society's
Pillai HOC College of Engineering & Technology, Rasayani, Raigad
Accredited with an 'A' grade by NAAC in the First Cycle 2019
Winner of the First Position for Engineering Safety Awards 2019
Winner of Indian Merchant Chamber's Ramakrishna Bajaj National Quality Performance Excellence Trophy - 2019

Organised by Students' Council

26th JUNE

Online Essay/Poem Writing Competition
on the occasion of
"International Day in Support of
Victims of Torture"

POSTER COMPETITION WILL TWO CATEGORIES
ESSAY WRITING COMPETITION
POEM WRITING COMPETITION

OPEN FOR ALL EVERYONE ALL OVER INDIA.
THREE WINNERS FROM EACH CATEGORY WILL SELECTED
PARTICIPATION E-CERTIFICATES WILL BE PROVIDED.

Student Co-ordinators: Sanyukta Pawar: (9867460480)
Vedant Sawant: (9097499298)

Faculty Co-ordinators: Karthik Nagarajan: (8779605643)

Mahatma Education Society's
Pillai HOC College of Engineering & Technology, Rasayani, Raigad
Accredited with an 'A' grade by NAAC in the First Cycle 2019
Winner of the First Position for Engineering Safety Awards 2019
Winner of Indian Merchant Chamber's Ramakrishna Bajaj National Quality Performance Excellence Trophy - 2019

Organised by Students' Council

26th JUNE

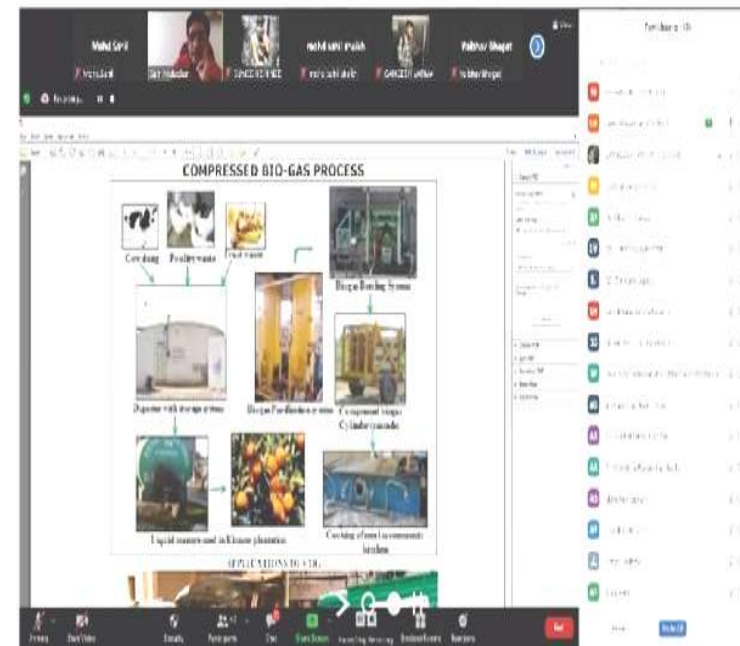
Online Poster Making Competition
on the occasion of
"International Day Against Drug
Abuse and Illicit Trafficking"

POSTER COMPETITION WILL TWO CATEGORIES
HANDMADE POSTER COMPETITION
DIGITAL POSTER COMPETITION

OPEN FOR ALL EVERYONE ALL OVER INDIA.
THREE WINNERS FROM EACH CATEGORY WILL SELECTED
PARTICIPATION E-CERTIFICATES WILL BE PROVIDED.

Student Co-ordinators: Sanyukta Pawar: (9867460480)
Vedant Sawant: (9097499298)

Faculty Co-ordinators: Karthik Nagarajan: (8779605643)



Mahatma Education society's
Pillai HOC College Of Engineering And Technology
Rasayani, Raigad
Students' Council, Department of Automobile Engineering
In association with PHCET Students' Council Presents

WORLD BIO FUEL DAY

Speaker :Sam Maladkar
(Director Mpower Group)

10th August
Time:- 5 pm

Open for all Departments

Mahatma Education Society's
Pillai HOC College of Engineering and Technology, Rasayani
Students' Council
in the remembrance of

KARGIL VIJAY DIWAS

have planned to celebrate it in honor of the Kargil War's Heroes.

DATE: 26TH OF JULY

VENUE: GROUND FLOOR ARCHITECTURE BLD

TIME: 10:30 AM -10:45 AM

MAHATMA EDUCATION SOCIETY'S
PILLAI HOC COLLEGE OF ENGINEERING AND TECHNOLOGY, RASAYANI, RAIGAD

STUDENTS' COUNCIL PRESENTS

THE CREATIVE POD
A DRAWING, PAINTING AND POSTER MAKING COMPETITION

Submit your entries by 11th August, 5:00pm



STUDENT ACHIEVEMENT



Aakash Rathod student of Computer Engineering department is a founder/Owner of Dead of Writes Publication. He is the youngest person in India who started a Publishing House at the very young age of 18 years. He has a record on his name in India Book of Records as Youngest Indian Entrepreneur in Publishing Industry. He has also been awarded with a business award as Youngest Indian Publisher by India Prime Icon Awards 2021.



Team RUTEZZ were the Joint Winners at the Smart India Hackathon 2022 Software Edition Grand Finale held from August 25-26 th at IIT GUWAHATI



Team SmartGeeks were the Joint winners at the Smart India Hackathon 2022 Software Edition Grand Finale held from August 25-26 th at Presidency University, Bengaluru for Problem statement TK1050 under Government of Rajasthan.



Achievements of Quad Torc 2022 Event held at Sethu Institute of Engineering & Technology, Madurai, Tamil Nadu: -

- ☐ All India Rank : 2nd Rank
- ☐ Endurance & Fuel Economy : 1st Rank
- ☐ Acceleration : 1st Rank
- ☐ Traction : 1st Rank
- ☐ Kill The Hill Trophy
- ☐ Best Female Participant Award
- ☐ Best Rider Award
- ☐ Best Assembly & Disassembly Award

STUDENT ACHIEVEMENT



Mr. Omkar Babade Won a GOLD medal in 4th National Championship in Throwball Game, Youth Asian Games Federation (INDIA) on August 8, 2022



Sanskriti Gharat student of Computer Engineering, has won Gold Medal in an Inter Collegiate Kokan Zone Boxing Tournament 2022 held at Dr. Ambedkar College, Wadala at Mumbai University level.



Won Special Award sponsored by IFWCI in Business Plan Competition April 20, 2022



Yash Warke student of Computer Engineering, won Bronze Medal in District-level Soft Tennis Competition organized by Raigad Soft Tennis Association held at Ramsheth Thakur Public School and Junior College Kharghar on August 28, 2022.



Shivani Gotavade and Abhishek Rajpurohit students of Computer Engineering have won Business Plan Competition 2021-2022 organized by Pillai Center of Innovation and Entrepreneurship. Title of their project is Protect Her.

ALUMNI ACHIEVEMENT



Alumni student Kamalkishor Joshi of Electrical Engineering Department won GOLD medal in STATE LEVEL POWERLIFTING MEET



Rucha Darekar is an alumna of the Department of Electronics and Telecommunication Engineering, Pillai HOC College of Engineering and Technology (PHCET), Rasayani is selected as a Lieutenant in the Indian Army. She is the first lady Lt. officer from Panvel. She has won several awards at University and National Level in fencing during her academic career at PHCET.

EUFORIA



TECH-EUFORIA



TechEuforia'19 Exhibition was visited and highly appreciated by Dr. Prakash Chauhan (Director, Indian Institute of Remote Sensing, ISRO) and DRM Samudriah (Former Deputy Director of Space applications centre, ISRO).



ROBOTICS EVENT



WORKSHOP ON COMPUTER ASSEMBLY



WORKSHOP ON ROBOSHALA

VISIT TO TECH-Fest 2022

Students of PHCET had an enriching experience during their visit to "TECHFEST-2022" at IIT Bombay in December 2022. This prestigious technical event provided them with the opportunity to engage with experts from renowned companies worldwide. Additionally, they explored the International exhibition, gaining valuable insights into the cutting-edge technologies driving the industry forward. Moreover, the students engaged in productive discussions with Ph.D. students from IIT, broadening their perspectives on research. Overall, this visit proved to be an invaluable experience, enhancing their knowledge and fostering a deeper understanding of the field.



WOMEN DEVELOPMENT CELL



SHIV JAYANTI CELEBRATION



FAREWELL



ALUMNI MEET



STTP on CHALLENGES & OPPORTUNITIES IN SUSTAINABLE ENERGY CONSERVATION, UTILISATION & IT'S BUSINESS STRATERGY



JALSA



MERIT DAY



ROBOGRIA



HACKOVERFLOW (NATIONAL LEVEL HACKATHON)



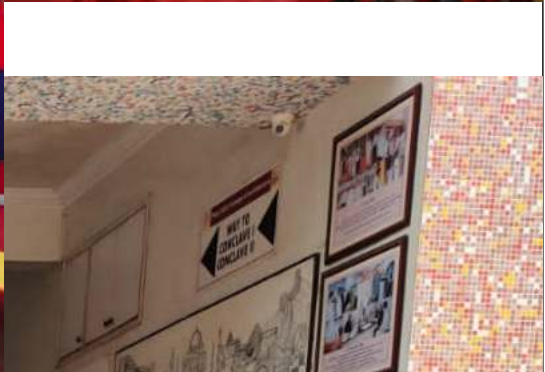
AVISHKAR





CAREER GUIDANCE





PHCET ON SOCIAL PLATFORM (COMMUNITY SERVICE)





N.S.S. - PHCET





VSI/34SP2, HOC Colony, Rasayani, Maharashtra 410207, India
Rasayani
Maharashtra
India
28°C
82°F
2022-08-12(Fri) 03:00(pm)

N.S.S. RESIDENTIAL CAMP





STUDENT TESTIMONIALS



Hi My name is Bhrami Dharvi, I'm an ex-student of Pillai HOC College of Engineering and Technology. I'm from the department of Electronics and Telecommunication. I had four wonderful years in this college. This college has provided me with really nice memories. The infrastructure, the labs, the canteen and the atmosphere here is well maintained and everything is aligned with the latest technology. We were given a lot of support from our faculty members; we were also given the right training for placements. The faculty here is very supportive. Even after being an alumni, I have the same rapport with them. This college also has a very good reputation when it comes to discipline. Even though this college is in a remote area, this place is quite well connected with all ways of commuting so it's definitely a good college and a great start for your career.

Hi my name is Athira Anilkumar Pillai, I'm a graduate of civil engineering from the class of 2021. This college has given me a very good college life and I'm very grateful for it. This college has helped me shape myself academically and professionally. I got an opportunity to serve as the deputy head of public relations which also shaped my communication skills. Even during the pandemic, they organized skill based courses that helped me better my Technical skills. They also helped me get an internship at organizations' like ONGC & CIDCO so I'm grateful for the industry exposure that they gave us.



Hello everyone, I'm kamal joshi, electrical branch alumni. My department always supported me in all the activities I did. I was a part of NSS, Team Starkers motorsports as well as I've secured a great position in sports like wrestling and different powerlifting games. This really helped me in my professional career and it also helped me boost my confidence.

Hi everyone, I'm Amey Shirish Pote. I'm a computer engineering graduate. I've had some memorable experiences in this college and I'm extremely overwhelmed. In these four years we were given a plethora of knowledge. One very interesting thing that we would like to share is this really innovative idea which is smart India hackathon. My team and I participated in this and we also went up to being the finalists of the competition. In the entire process, our college supported us a lot. We also got the opportunity to learn a lot of things in the process. The whole experience of hackathon has helped me in my career as well. Right now I'm working in LTI. Innovation is the greatest thing you can find in this college. I wish you all the best.





Hello everyone, My name is Shritika Halder from the batch 2022, I'm from the electrical department. I'm extremely thankful to this college for giving me the opportunity to participate in various extracurricular activities, festivals and various departmental activities. With the help of this college and my dedicated department I'm currently placed in Torrent Power. The library at PHCET has amazing resources and it was my favorite spot in this college. I thank everyone for the love and exposure they have given me at Pillai HOC.

Hi My name is Deepak Shingote, from the 2020 batch. I'm from the department of electronics and telecommunication. This college has given me tremendous support and they have shown complete faith in me. We had the best placement team and various placement activities throughout the year. In my final year we got an aptitude test done and accordingly our faculties trained us for our placements. Major companies like Infosys and TCS hire us. Along with this we also have a great infrastructure which includes various labs, libraries that help us get a good amount of technical knowledge and hands-on experience. It's been 2 years since I graduated but I still feel so connected and happy when I come to this college. This college has made me the person I am.



Hello, My name is Mayuri Mate, I did my BE Computer Engineering from Pillai HOC College of Engineering and Technology, Rasayani. This college not only gives us theoretical knowledge but also gives us practical based knowledge. Best part about this college is The Project Based Learning. Project based learning helped me in sharpening my technical language and gave me hands-on experience in developing projects. Another takeaway from this college was Euforia. It helped me boost my confidence and gave me the opportunity to participate in various competitions like dancing and singing. This college gave me the best campus life.

My name is nikhil karale and I'm working as a network engineer at trimax it infrastructure. I did my bachelors in engineering from pillai hocl college of engineering and technology, 2020 batch. This college has a great infrastructure. The teachers and the non teaching sta ffhere are very polite and extremely professional. They have introduced me to a lot of other courses, apart from the curriculum. Another cool thing that I'm extremely fond of are industrial training trips which helped me enhance my career, it shaped my core abilities like punctuality and how to be a professional. This college really gives you a great exposure and teaches you to survive in real corporate life.



STARKAR MOTORSPORTS

Achievements of Quad Torc 2022 Event held at Sethu Institute of Engineering & Technology, Madurai, Tamil Nadu: -

- All India Rank : 2nd Rank
- Endurance & Fuel Economy : 1st Rank
- Acceleration : 1st Rank
- Traction : 1st Rank
- Kill The Hill Trophy
- Best Female Participant Award
- Best Rider Award
- Best Assembly & Disassembly Award





ALUMNI SPEAK

I Love this college because we have finest infrastructure capable faculty and supportive staff here.
Suraj Naik -Mech

Our college offers golden opportunities to the students to pursue experience in the field of their interest by conducting various technical and non-technical events throughout the year
Vishnu Nair- Mech

Cultural event euphoria has a long lasting impact on our minds; the college is in delightful location and it best our ultimate facilities to the students
Salil Nambiar- Comp

College has a pleasant ambience of surrounded greenery. Its peaceful and perfect place to study and enjoy
Shruti Nair- EXTC

College possess suitable environment for studying, equipped with matchless infrastructure, highly qualified teachers and motivates students for research and development.
Aniket Kute - Mech

We have a good scope for research and development with excellent library and expert guide
Shubhangi Lokhande -Mech

College has the best library with good number of books; the provision of digital library is just excellent.
Suyash Pawaskar - Mech

It is one of the best college with good library facility, huge play ground proficient and kind teachers.
Sanket Shinde - Mech

PHCET has an extremely rich, properly managed and comfort library with best internet and audio-visual facilities
Sadhana Tiwari- EXTC
Kavita & Nishad- EXTC

I had never imagined that, my engineering years here are going to be such a delightful and fruitful years of my life
Prajwal Devadiga - Mech

We love the college, classes and specially air conditioned practical labs.
Priyal Joshi- Comp

College has a lovely atmosphere, useful facilities and a good canteen. Balanced with study and full, it is a heavenly experience.
Suyog Gaikwad - Comp
Kiran Sasane - Comp

According to me this is the best college, with very good infrastructure, highly qualified teachers and excellent library.
Deepak Kumar- Mech



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INSTITUTIONS CONDUCTED

SCHOOLS (S.S.C. Programme)

- Chembur English Pre-Primary & Primary School - **Chembur**
- Chembur English High School - **Chembur**
- Chembur Marathi Madhyamik Shala - **Chembur**
- Powai Marathi Madhyamik Shala - **Powai**
- Mahatma School of Academics and Sports- **Khanda Colony, New Panvel** (Pre-Primary, Primary Secondary, English & Marathi Media)
- HOC International School - **Rasayani** (English Marathi Media)
- (CBSE Programme)
- Mahatma International School - **Khanda Colony, New Panvel**
- HOC International School - **Rasayani**

JUNIOR COLLEGES

- Chembur English Junior College - **Chembur**
- Mahatma Night Junior College - **Chembur**
- Mahatma School of Academics & Sports, Junior College of Arts, Science & Commerce - **Khanda Colony, New Panvel**
- HOC Junior College - **Rasayani** (Junior College Arts, Commerce, Science with Vocational)

TEACHERS' TRAINING INSTITUTIONS D.El.Ed. B.Ed. B.P.Ed. M.Ed. Ph.D.

- Approved by National Council For Teacher Education (NCTE) (Affiliated to the University of Mumbai & Recognised by Govt. of Maharashtra.)*
- Mahatma Junior College of Education (D.El.Ed) - **Chembur** (English & Marathi Media)
 - Pillai College of Education & Research (B.Ed.) - **Chembur** *Re-Accredited 'A' Grade by NAAC*
 - Pillai College of Education & Research (B.Ed.) - **Khanda Colony, New Panvel** *Accredited 'A' Grade by NAAC*
 - Pillai HOC College of Education & Research (B.Ed.) - **Rasayani**
 - Vidyadhiraja College of Physical Education & Research (B.P.Ed) - **Khanda Colony, New Panvel**
 - Pillai College of Education & Research (M.Ed.) - **Chembur**
 - Pillai College of Education & Research (M.Ed.) - **Khanda Colony, New Panvel**
 - Pillai College of Education & Research (Ph.D Centre) - **Khanda Colony, New Panvel**

POLYTECHNIC (3-Year Diploma Programme)

- (AICTE Approved, Recognised by Govt. of Maharashtra & Affiliated to MSBTE)*
- Pillai HOC Polytechnic - **Rasayani**
 - Diploma in Computer Engineering
 - Diploma in Information Technology
 - Diploma in Electronics & Tele-communication Engineering
 - Diploma in Mechanical Engineering
 - Diploma in Civil Engineering

DEGREE COLLEGE Bachelor and Master

- (Affiliated to the University of Mumbai & Recognised by Govt. of Maharashtra.)*
- Mahatma Night Degree College of Arts & Commerce - **Chembur**
 - Pillai College of Arts, Commerce & Science - **New Panvel** *Re-Accredited 'A' Grade by NAAC*
 - B.Com
 - B.Com (Accounting & Finance)
 - B.Com (Financial Markets)
 - B.M.S.
 - B.M.M.
 - B.Sc. (I.T.)
 - B.Sc. (Computer Science)
 - B.Sc. (Biotechnology)
 - M. Sc. (I.T.)
 - M. Sc. (Biotechnology)
 - M. Com. (Business Management)
 - M. Com. (Accounting & Finance)
 - Pillai HOC College of Arts, Science & Commerce - **Rasayani** *NAAC Accredited - 'B'*
 - B.Com
 - B.M.S.
 - B.Sc. (I.T.)
 - B.Sc. (Computer Science)
 - B.Com. (Accounting & Finance)
 - B.M.M.
 - B.Sc. (Maths, Chemistry, Biology & Physics)
 - B.A. (English Ancillary, History & Economics)

ARCHTECURE Bachelor and Master

- (Approved by the Council of Architecture and AICTE) (Affiliated to the University of Mumbai & Recognised by Govt. of Maharashtra.)*
- Pillai College of Architecture - **New Panvel**
 - Pillai HOC College of Architecture- **Rasayani** (B. Arch. 5-year degree course)
 - (M.ARCH. (Urban Design))
 - Pillai College of Architecture - **New Panvel**
 - Ph.D

MANAGEMENT COURSE MMS

- (Approved by AICTE) (Affiliated to the University of Mumbai & Recognised by Govt. of Maharashtra.) NBA Accredited 'A' Grade by DTE, Govt. of Maharashtra*
- Pillai Institute Of Management Studies & Research - **New Panvel** (MMS 2-year Post-Graduate Course) Executive MBA
 - Pillai HOC Institute Of Management Studies & Research - **Rasayani** (MMS 2-year Post-Graduate Course)

ENGINEERING COURSE Bachelor, Master & Ph.D.

- (Approved by AICTE) (Affiliated to the University of Mumbai & Recognised by Govt. of Maharashtra.) NBA Accredited*
- Pillai College of Engineering- **New Panvel** *Accredited 'A' by NAAC*
 - B.E. in Information Technology
 - B.E. in Computer Engineering
 - B.E. in Electronics Engineering
 - B.E. in Mechanical Engineering
 - B.E. in Electronics & Tele Communication Engineering
 - B.E. in Automobile Engineering
 - M.E. in Information Technology
 - M.E. in Computer Engineering
 - M.E. in Electronics Engineering
 - M.E. in Mechanical Engineering (CAD/CAM, Robotics)
 - M.E. in Mechanical Engineering (Thermal)
 - Pillai HOC College of Engineering & Technology - **Rasayani** *Accredited 'A' by NAAC*
 - B.E. in Mechanical Engineering
 - B.E. in Information Technology
 - B.E. in Computer Engineering
 - B.E. in Civil Engineering
 - B.E. in Electrical & Computer Engineering
 - B.E. in Electronics & Computer Science
 - M.E. in Mechanical Engineering (Machine Design)
 - M.E. in Electronics & Telecommunication Engineering
 - M.E. in Computer Engineering
 - M.E. in Civil Engineering (Construction & Management)
 - M.E. in Civil Engineering (Structural Engineering)

Ph.D.

- Ph.D. in Civil Engineering
- Ph.D. in Computer Engineering

INTERNATIONAL SCHOOLS & INTERNATIONAL JUNIOR COLLEGES (CIPP / IGCSE / ICSE / IB SCHOOLS) 'AS' / 'A' level and 'IB' Programme

- **DR. PILLAI GLOBAL ACADEMY**
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 - New Panvel

Ph.D. (Technology)

- NEW PANVEL RASAYANI
 - Computer Engineering
 - Civil Engineering
 - Mechanical Engineering
 - Computer Engineering
 - Information Technology



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