

Everything  
*plus* imagination



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Jawahar Education Society's  
**AC Patil**  
College of Engineering



Everything  
*plus* imagination

A.C. Patil College of Engineering  
Kharghar, Navi Mumbai

[www.acpce.ac.in](http://www.acpce.ac.in)



A C Patil College of Engineering, Navi Mumbai



[www.acpce.ac.in](http://www.acpce.ac.in)

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## About

Jawahar Education Society's A.C. Patil College of Engineering (ACPCE), established in 1992 by the esteemed leader Shri Rohidasji Patil, boasts a sprawling campus located strategically in Kharghar, Navi Mumbai. With vast infrastructure and a range of programs including undergraduate, postgraduate, and Ph.D. degrees in Engineering and Management, it stands as a premier technical institute.



## Placement

The Training and Placement Cell is committed to provide all possible assistance to its graduates and post-graduates in their efforts to find employment. The Cell operates year-round to facilitate contacts between companies and graduates. Our Institute also conducts value added courses for professional development of the students.



200+  
Companies Visited

200+  
Highest Package  
Offered

### Highest number of Selections by Global Companies:

TCS, Accenture, Capgemini, L&T,  
ICB Technimont, Dcodetech & More...

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*plus* imagination

## Student Achievements

Discover excellence at AC Patil Engineering College, where our students soar beyond boundaries, cultivating remarkable talents that redefine norms. Witness their exceptional achievements, reflecting our commitment to nurturing brilliance and fostering holistic development.



### Yash Chaudhary

Yash Chaudhary, a final-year student of Artificial Intelligence & Data Science department participated in the GUINNESS WORLD RECORD: "The most people solving rotating puzzle cubes simultaneously online is 240" and was achieved, in Navi Mumbai, Maharashtra, India on 6 February 2022



### Unnati Patil

a final-year student in the Computer Department, participated in Karate and Kickboxing, winning 2 Gold, 2 Silver, and 1 Bronze medal in five state tournaments during the academic years 2022-23 and 2023-24.



### Shruti Gaddi

a third-year student in the CSE (IOT) department, participated in a state-level Rangoli competition and secured the 2nd rank

# Salient Features

- Highly qualified and experienced faculty from IITs and other premiere institutes
- More than 20 doctorates and 180+ M.E/M.Tech faculty
- Central Library with more than 37000 books and access to international journals
- Better placements and academic record
- Collaboration with high end industries
- Frequently conduct technical, cultural and social activities for overall personality development
- High speed internet facility with Wi-Fi campus
- Provides additional coaching for competitive examination
- Ample space for sports activities
- Well connected to city and industries
- Serves hygienic food at affordable price at college canteen
- Cafeteria boasts comfortable seating and creates a vibrant social hub for students and faculty alike

Affiliated to  
University of Mumbai.  
DTE Code: 3146

Approved by  
AICTE, New Delhi.

Accredited by  
NAAC.

A C Patil College of Engineering, Navi Mumbai



**Ruturaj Fakatkar**  
Project Engineer  
Siemens Ltd, Aurangabad

I am deeply grateful to A.C. Patil College of Engineering for shaping my career through its rigorous curriculum and practical approach. The experienced faculty, good laboratories, and industry-oriented education laid a strong foundation for my professional growth. Encouraged to pursue M.Tech in Thermal Engineering from VJTI, Mumbai, I am now a Project Engineer at Siemens Ltd. The knowledge and experiences gained at A.C. Patil, including my role as General Secretary, were instrumental in my success. Proud to be an alumnus.



**Sonu Daroga Prajapati**  
Senior Software Engineer, JP Morgan Chase

I am Sonu Daroga Prajapati, an alumnus of A.C. Patil College of Engineering (ACPCE), where I pursued a Bachelor's in Information Technology from 2013 to 2017. Now a Senior Software Engineer at JP Morgan Chase, I owe my success to ACPCE's rigorous curriculum, dedicated faculty, and industry-focused education. The college's emphasis on holistic development, technical workshops, and strong placement support were invaluable in my career growth. My time at ACPCE was instrumental, and I am deeply grateful for the support and opportunities provided.



## Departments

### Electrical Engineering

Electricity, a subject of ancient fascination, is among the oldest engineering disciplines. Our students delve into designing, analyzing, and operating electrical and electronics systems, embracing new challenges. They gain expertise in Machines, Power Systems, Control Systems, and more, guided by our experienced faculty.



#### Career Opportunities

- Electrical Design Engineer
- Power Systems Engineer
- Control Systems Engineer
- Renewable Energy Engineer

### Electronics & Telecommunication

Discover the forefront of innovation with our Electronics & Telecommunication program at A.C Patil college of Engineering. Backed by esteemed affiliations and a legacy of excellence, we empower students with hands-on skills and theoretical expertise, preparing them for success in dynamic industries.



#### Career Opportunities

- Electronics Design Engineer
- VLSI Engineer
- Software Analyst
- Telecommunication Engineer
- Network Planning Engineer

### Sports Event

**Kurukshetra** is the most awaited annual sports event of the students. The college students are seen to be adorned with jerseys during these sports days.



## Mechanical Engineering

Mechanical Engineering, an evergreen branch, finds applications across diverse sectors, from automotive to aerospace and beyond. Vital in manufacturing, their expertise extends to environmental and biomedical fields, impacting nearly every aspect of modern life.



### Career Opportunities

- Automotive Engineer
- Electric Vehicle Engineer
- Mechanical Design Engineer
- Maintenance Engineer
- Design Analyst

## Artificial Intelligence & Data Science

Artificial Intelligence (AI) mimics human intelligence in machines, while Data Science employs various statistical methods. AI aims to automate processes and achieve model autonomy, using algorithms, whereas Data Science focuses on analyzing data through statistical techniques.



### Career Opportunities

- Artificial Intelligence Engineer
- Data Analyst
- Data Manager
- Information Security Analyst
- Machine Learning Analyst

## Fresher Party

**Freshers** is the annual party arranged for all the fresh faces and confused minds who enter every year in the campus in large numbers. It is an affair of fresh faces, fresh talents and plenty of energy.



## Faculty

Our faculty members are the backbone of our academic excellence, bringing a wealth of knowledge and industry experience to the classroom. Many have from prestigious institutions like IITs and other leading institutes across India, ensuring students receive a top-tier education.

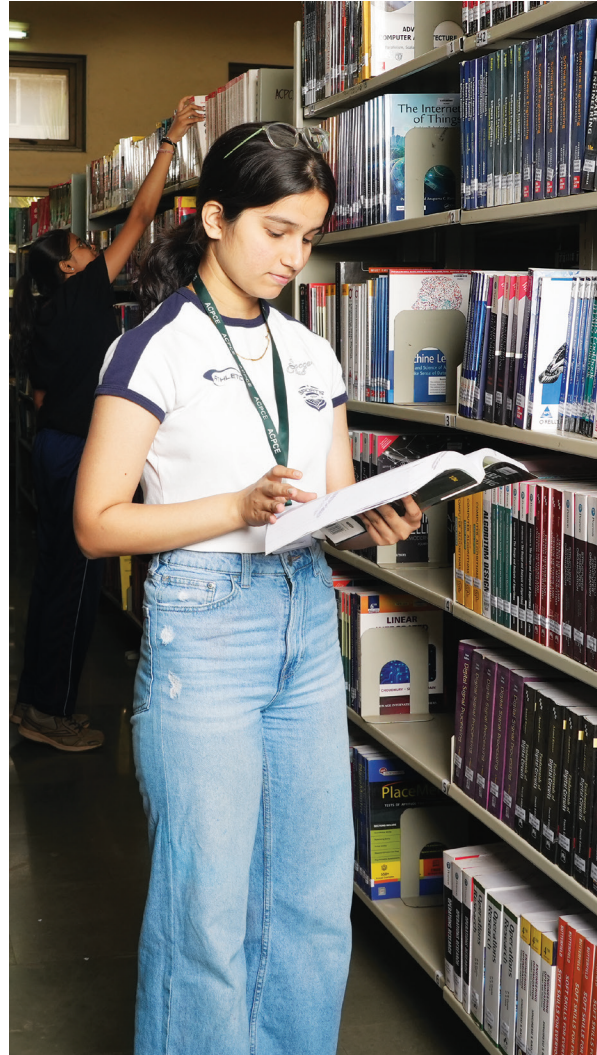
Dedicated to fostering a dynamic and inclusive learning environment, our faculty encourage intellectual

curiosity and critical thinking. They actively engage in cutting-edge research, contributing to their fields and enriching the academic experience. Beyond teaching, they offer mentorship and guidance, supporting students' personal and professional growth. With a passion for teaching and innovation, our faculty inspire students to reach their full potential and excel in their chosen fields.



Experience a vibrant campus life at ACPCE, where students thrive through engaging in festivals, diverse cultural events, and exciting sports activities. With ample opportunities for creativity, leadership, and personal growth, our campus fosters a dynamic, enriching environment.

## Infrastructure and Facilities



### Library

Our well-equipped library boasts a vast collection of books, journals, and digital resources, providing students with comprehensive access to knowledge across disciplines. Comfortable seating and quiet study zones create a conducive environment for research and self-directed learning, fostering academic excellence.

### High speed wi-fi connectivity

Our campus-wide high-speed Wi-Fi network offers seamless internet access, enabling students to connect to academic resources, collaborate on projects, and stay updated with the latest research. This connectivity supports a modern, technology-driven environment that enhances the educational experience.

### Smart Classroom

Our smart classrooms integrate the latest interactive technology, fostering an engaging and dynamic learning experience. Equipped with audio-visual aids and real-time connectivity, these spaces facilitate collaboration, critical thinking, and a more personalized approach to education, enhancing students' overall academic journey.

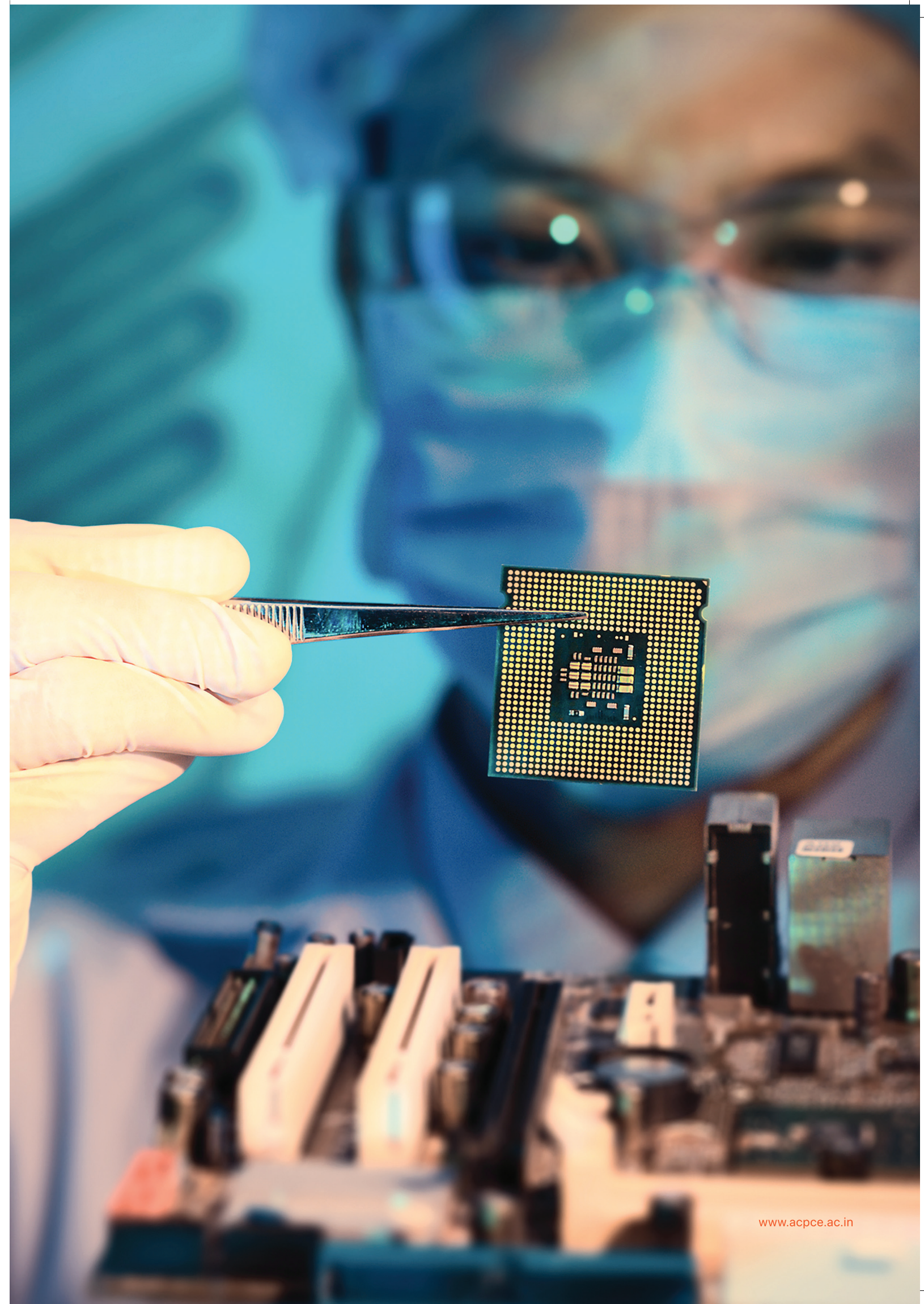
### Seminar Hall

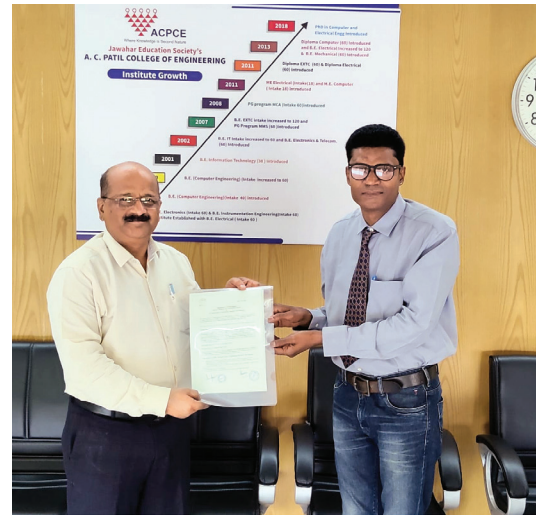
Our seminar hall is designed for a variety of events, including workshops, conferences, and guest lectures. The hall's advanced audio-visual systems and comfortable seating create an immersive environment that provides students with exposure to diverse perspectives and industry insights.





Everything  
*plus* imagination





## MoU

The MoU for Academic Excellence strengthens industry-institute interaction, bridging academic learning with practical application to foster innovation and excellence.



Strengthening Academic-Industry Partnerships for Success



## Industrial Visits

Our industrial visits provide students with real-world insights, exposing them to industry practices and operations. These experiences enhance learning, offer networking opportunities, and bridge the gap between academia and industry.



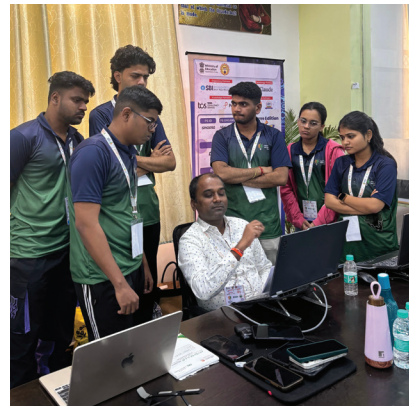
## Professional Bodies

Every department has highly active departmental association which is linked to the student council. Students actively participate in professional bodies such as,



Bridging gap between theory and practical

## Co-Curricular



### Hackathon

A Hackathon is a fast-paced collaborative event where students work in teams to build innovative software or hardware prototypes, promoting creativity, teamwork, and problem-solving.



### Avishkar

The college promotes research culture through participation in Avishkar State Level Inter-University Research Convention organized by University of Mumbai, providing a platform for students to present innovative research and develop scientific thinking.



### E-Yantra

E-Yantra, an IIT Bombay initiative supported by the Government of India, helps college establish robotics labs and train students in hands-on robotics.



### Robocon

The institute supports a dedicated Robocon team that designs and builds robots for DD Robocon, fostering teamwork, creativity, and hands-on technical innovation.

## Resources

To enrich teaching-learning process, classrooms have provision for audio-visual aids. The institute is Wi-Fi enabled and seamless internet connectivity is available for the students, faculty and staff. For activities like seminars, guest lectures, workshop, presentation and debate, ACPCE has an auditorium with modern sound system.

The Library, with its modern collection of information resources and innovative information services, plays a vital role in the intellectual pursuit of students and academic community. Our college offers exceptional sports facilities, featuring a modern gymnasium and a versatile multipurpose sports hall, providing students with ample opportunities for physical fitness and recreation.

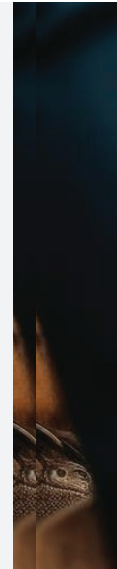
## Library Resources

| Type of Resources            | Numbers   |
|------------------------------|---|
| Number of books              | 39,888  |
| Number of titles             | 12,856  |
| Reference Books              | 2,595   |
| Number of E-Journals         | IEEE + ASAP-145, ASME (mech)-30                   |
| Number of E-Books            | J-Gate-700, DELNET-308, 816- DELNET, 9000-KNIMBUS |
| Number of Journals/Magazines | 89  |
| News Papers                  | 06  |
| CD-ROMs of various Genre     | 2,118   |

## Our Initiatives

### National Service Scheme (NSS)

The Indian government-sponsored public service program, NSS, conducts several activities throughout the year. Ventures such as blood donation camps, yoga day, cleanliness drives, One week residential camps, etc are held in and outside premises all round the year.



### Women's Devepolement Cell

The Women's Development Cell of ACPCE aims at women empowerment. The various activities such as health awareness talk, self defence workshops, celebrating Rakshabandhan in the CRPF battalion camp at Taloja, social gatherings, etc are conducted.



# Vibrant life on campus



A C Patil College of Engineering, Navi Mumbai



# Festivals

## Cultural Fest

**Rhythms** is the cultural festival of A.C.Patil College of Engineering. It is a platform for all the artists decked as engineers to flaunt their hidden talents.



## Computer Science & Engineering

The Internet of Things (IoT) connects computing devices, while cybersecurity safeguards systems from theft or damage. Blockchain technology fortifies systems against attacks by eliminating centralized control, ensuring secure data verification and transmission.



- Career Opportunities**
- IoT Architect
  - Cyber Security Architect
  - Cyber Security Engineer
  - Forensic Computer Analyst
  - Security Systems Administrator

## Aeronautical Engineering

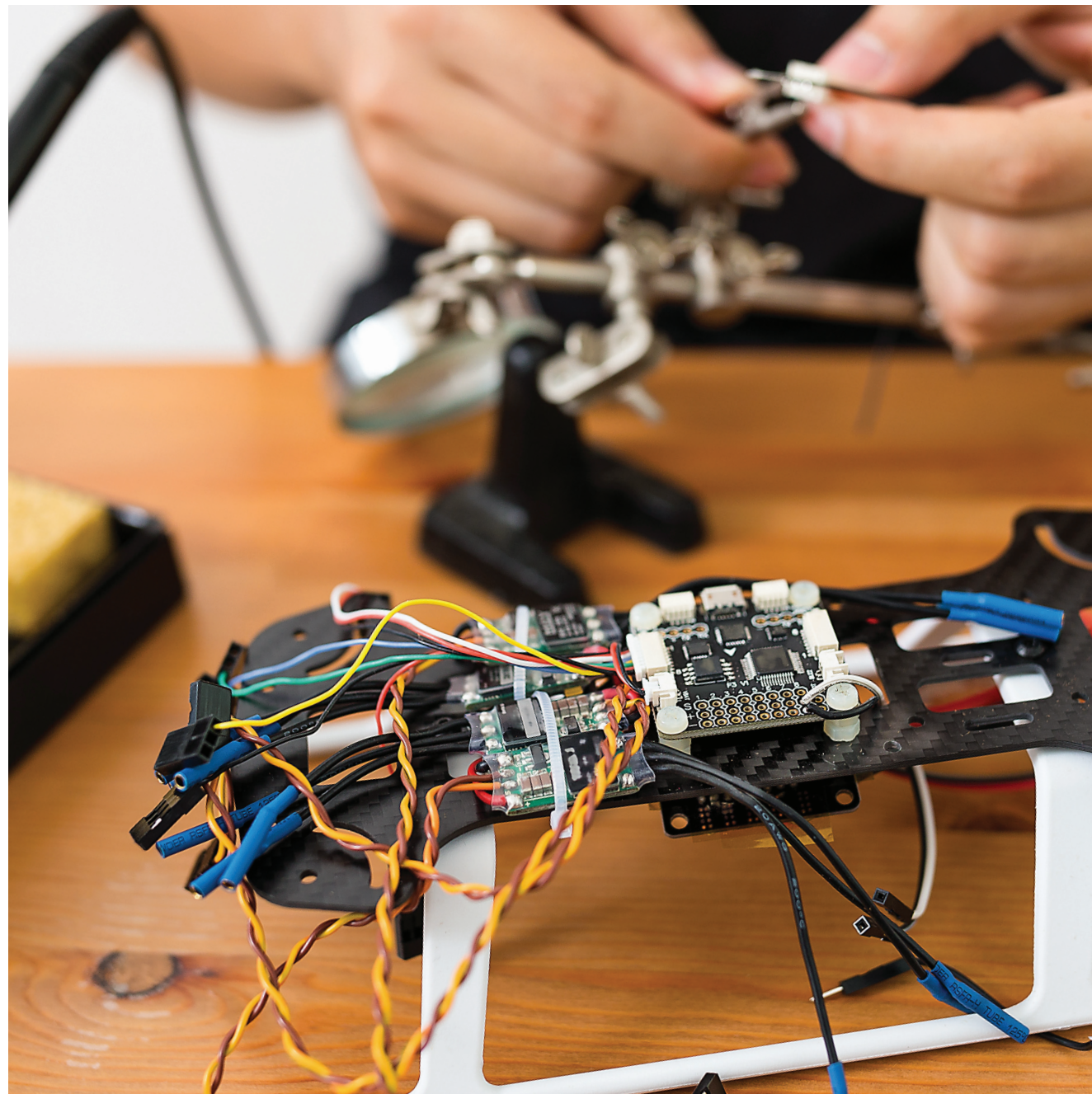
It involves the design, production, testing, and maintenance of aircraft, spacecraft, helicopters, and drones. It combines mathematics, physics, materials science, and computer science to develop safe and efficient aerospace systems.



- Career Opportunities**
- Aircraft / Drone Design Engineer
  - Aerodynamics Engineer
  - Maintenance & Reliability Engineer
  - Propulsion Systems Engineer
  - Flight Test Engineer

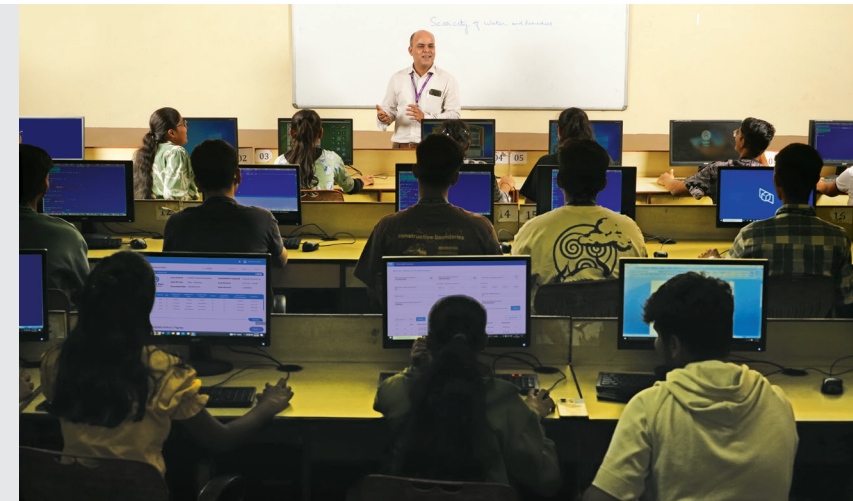
## Tech Fest

**Vectors** is the annual technical fest of A. C. Patil College of Engineering. A pleasant tech aura is seen all over the college with the drones flying above and robotic races carried out below.



## Computer Engineering

In today's dynamic landscape, Computer Engineering stands as a beacon of innovation, driven by initiatives like Digital India and smart city development. Our program emphasizes practical knowledge, hands-on learning, and outcome-based education, equipping graduates with essential KSAs for success in a rapidly evolving world.



**Career Opportunities**  
Software Developer  
Software Analyst  
Cloud Engineer  
Database Administrator  
Systems Architect

## Information Technology

IT or Information Technology is a branch of engineering that primarily focuses on applications of computer systems in information processing and management. IT involves the study of computer programming languages, databases, computer networks, network protocols, web design and development, data analysis, and cyber security.



**Career Opportunities**  
Software Developer  
Mobile Applications Developer  
Cyber-security expert  
Database manager

## Testimonials



**Roshan Deshmukh**  
Assistant superintendent of police  
Howrah rural district

I am immensely grateful for the education and support I received at ACPCE, particularly in the Electrical Department from 2013 to 2017. The knowledge and skills I gained laid the foundation for my journey to becoming an IPS officer and serving as an Assistant Superintendent of Police. I owe a great deal to the faculty, staff, and fellow students who contributed to my growth. ACPCE will always hold a special place in my heart, and I am proud to be an alumnus.

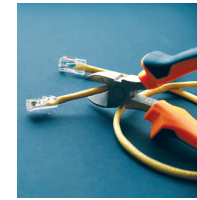


**Ruturaj Patil**  
Agile / Product Coach  
HelloFresh, Berlin, Germany

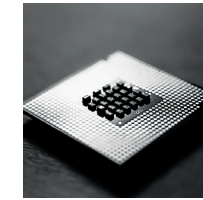
I am immensely grateful to ACPCE for shaping my career and providing me with the skills and knowledge to excel professionally. The comprehensive MMS program and practical approach were instrumental in my success. The supportive faculty and collaborative environment at ACPCE greatly contributed to my personal and professional development. As an Agile/Product Coach at HelloFresh in Berlin, I constantly draw upon the lessons learned and experiences gained at ACPCE. I am proud to be an alumnus of such a prestigious institution.



## Courses



**Electrical Engineering**  
U.G. Course, Ph.D Program  
60 + 12



**Electronics & Telecommunication**  
U.G. Course  
60



**Computer Engineering**  
U.G. Course, Ph.D Program  
120 + 10



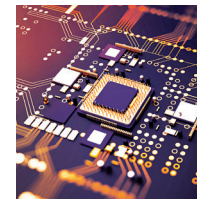
**Information Technology**  
U.G. Course  
60



**Mechanical Engineering**  
U.G. Course  
30



**Artificial Intelligence & Data Science**  
U.G. Course  
120



**Computer Science & Engineering**  
U.G. Course  
60



**Aeronautical Engineering**  
U.G. Course  
60



**Masters of Management Studies**  
P.G. Course  
60

Discover your place among us. We prioritize diversity and limit class sizes to foster an enriching learning environment. Secure your spot today and embark on a journey of academic excellence.



## Faculty Achievements

Grant of Rupees 6.41 Lakhs received from University of Mumbai for 19 projects in the Academic Year 2017-18 and 3.3 Lakhs for 10 projects in the Academic Year 2018-19 under Minor Research Grant.

### Prof. N. P. Chawande

Faculty of Electronics and Telecommunication Engg. Department secured Elite Silver Medal in Swayam NPTEL Online Course.

### Prof. Deepak Marathe

Has appreciated by Institution Innovation Cell, MHRDS Govt. of India. He has also been appreciated for promoting computer literacy to Digital India from IIT Bombay.

### Dr. G. P. Deshmukh

Title - "Hybrid compressed air drive system"  
Patent App No. 201921023056 CBR No. 13071.  
Application types E-12/47/2019-MUM.  
National Patent

### Prof. Ulka Shirole

Selected for "Innovative Researcher of the year", by RULA for outstanding research contribution. She is also Invited as a guest speaker in "International Congress of Cardiology" 2020, Lisbon.

### Dr. V. N. Pawar

Title - Use Of Sludge Compound Waste For Generation of Electricity.  
The Patent no 202221025733 filed on 3 May 2022 for the invention

### Dr. Varsha Bhole

She has received Prof. Y. K. Bhushan Most Influential Professor award in 2023. Also, received the EduTech Leadership award in 2022. She has Indian and international patent grants in her credit

## From The Principal's Desk

Our main aim is to create, nurture and shape technical professionals with skills to face the ever changing social, economical and technical landscape of our country. We provide high-end undergraduate education and research opportunities in new frontiers of Engineering and Technology. We provide opportunities for students to interact with the experts from the industry through Guest Lectures, Industrial Visits and Vocational Training (internship). We have excellent faculty, state-of-the-art infrastructure and laboratories. Spacious campus, digital library and peaceful atmosphere ensures that learning becomes a wonderful experience.

### Dr. S. R. Deore

Ph.D. (Electrical Engineering), IIT Bombay



## NAAC Accredited

A.C. Patil College of Engineering is proud to be accredited by the National Assessment and Accreditation Council (NAAC). This recognition reflects our esteemed faculty, bright students, advanced research facilities, and strong industry connections.



A C Patil College of Engineering, Navi Mumbai

Experience an enriching environment that nurtures intellectual curiosity and fosters personal growth.



## Top Recruiters

Infosys

tcs

ORACLE

amazon

LARSEN & TOUBRO

Mastek

ZenSar  
TECHNOLOGIES

SIEMENS

SELEC®  
Creating Best Value

HCL

accenture

IBM

Jio DIGITAL  
LIFE

Persistent

torrent  
POWER

legrand®

hp

PerkinElmer

Schneider  
Electric

HAVELLS

Panasonic

Capgemini

Bharat Bijlee

TATA

Atos

ERICSSON

BLUE STAR

Technip



## Feathers We Fly With: A Legacy of Achievements...



A. C. Patil College of Engineering, Navi Mumbai achieved the following ranks in Times All India Engineering Institute ranking survey 2023.

1. 57th Rank in Top 170th Engineering institute Ranking 2023.
2. 54th Rank in Top 125 Private Engineering Institute Ranking 2023.
3. 28th Rank in the Top 30th Institute-Research Capability.
4. 17th Rank in Western region-wise ranking.



Imagine a world where everything is possible, And the impossible can be effortlessly clutched.

Welcome to a place where dreams come alive, Where your imagination is the only guide, Where knowledge is but a mere foundation, And innovation, the ultimate destination.

Here, the horizon is just the beginning, As possibilities are forever expanding, Where creativity thrives and ideas take flight And your wildest dreams become a reality.

So come, embark on this journey with us  
Where Everything Plus Imagination  
**is possible!**

