



**ACPCE**

Where knowledge is second nature  
(Accredited by NAAC)

[www.acpce.org](http://www.acpce.org)

Approved by

**AICTE** New Delhi

Affiliated to

**University of Mumbai**

DTE Code : 3146

Accredited by

**NAAC**

**Jawahar Education Society's**

**A. C. PATIL COLLEGE OF ENGINEERING**

Kharghar, Navi Mumbai

**PROSPECTUS**



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## VISION

To create skilled professionals and engineers for catering the needs of industries and society.

## MISSION

- To provide qualified faculty and required infrastructure for imparting quality education inculcating continuous learning attitude.
- To provide platform for the interaction between academia and industry.
- To inculcate social values and responsible attitude amongst students through co-curricular and extracurricular activities.

# INTRODUCTION

## INTAKE

### U.G COURSES

	Intake
Electrical Engineering	90
Electronics & Telecommunication	60
Computer Engineering	60
Information Technology	60
Mechanical Engineering	60
Artificial Intelligence & Data Science	60
Computer Science & Engineering (Internet of Things & Cyber Security including Blockchain Technology)	60

### P.G. COURSE

Masters of Management Studies	60
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### Ph.D Program

Computer Engineering	10
Electrical Engineering	12



## ABOUT

Sprawled over 3-acre, the campus of ACPCE has ultra-huge infrastructure. It is strategically-located at Kharghar, Navi Mumbai. Set up in 1992 by the eminent leader, Honourable Shri Rohidasji Patil, Jawahar Education Society's A. C. Patil College of Engineering is a premium technical institute offering graduate, post-graduate professional degrees in Engineering & Management and also Ph.D Program in Engineering.

The institute is approved by the apex bodies, AICTE New Delhi and DTE Maharashtra State. The institute is affiliated to University of Mumbai. As outcome of our efforts for enhancing the quality in education, the institute has been granted accreditation for five years by NAAC. Recently our Institute has received Educational iCON award as 'Best Engineering College' for Industry Interaction.

# MESSAGE



## **Hon. Shri Rohidasji Patil (Founder)**

Jawahar Education Trust, established with the vision of catering quality education by the versatile leader Hon. Rohidasji Patil from Dhule District, Maharashtra. He has served the state as a parliamentary affairs minister, successfully handled the responsibility of Vice-President of Indian National Congress, member at Legislative assembly, member at Zilla Parishad Dhule etc. He is a key person in establishing various educational institutes to facilitate higher & technical education across Maharashtra & takes a keen interest in consistent progress of them.

## **Hon. Shri Vinay Patil (President)**

Hon. Shri Vinay Patil is an Engineer, Entrepreneur & a successful Industrialist in the field of mining, textile, refinery, import & export of agricultural products etc. His unwavering support helps the Trust to pursue & maintain academic.



## **Hon. Shri. Kunal Patil (Secretary)**

Hon. Kunalji Patil is a member of the 13th Maharashtra Legislative Assembly. He represents the Dhule Rural Assembly Constituency. He is aptly entitled as 'JALDOOT' based on his remarkable contribution to the irrigation sector in his Constituency. His dynamic & passionate leadership is consistently contributing for empowerment of the Jawahar Education Trust.



# FROM THE PRINCIPAL'S DESK

**Dr. Vijaykumar N. Pawar**  
(BE, ME, PhD. Tech.)



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 to the students for interaction with the experts from the industry through Guest Lectures, Industrial Visits, 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.

Recently our Institute received **Educational iCON award as 'Best Engineering College' for Industry interaction.**

We are consistently organizing inter and intra institutional workshops, seminars on various themes. We are conducting student support activities like training in aptitude test, group discussion, soft skills and personal interviews on regular basis which will enhance their employability skills or campus recruitments. We are committed to overall development of our students with very sincere and careful attitude.

# RESOURCES

## Infrastructure & Students Support Facilities

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. Student living made easy with OYO Campus providing modern, functional yet cosy, and hassle-free homes to college students.



Lecture Hall



EXTC Lab



Heat Transfer Lab



Seminar Hall



Chemistry Lab



Instrumentation Lab



Machine Shop



Computer/IT Lab



Machine Lab

## Library Resources

Type of Resources	In Numbers
Number of books	39888
Number of titles	12856
Reference Books	2595
Number of E-Journals	IEEE + ASAP - 145, ASME (MECH) - 30,
Number of E-Books	J-Gate - 7000, DELNET - 308
Number of Journals / Magazines	816 - DELNET, 9000- KNIMBUS
News Papers	89
CD-ROMs of various Genre	06
	2118



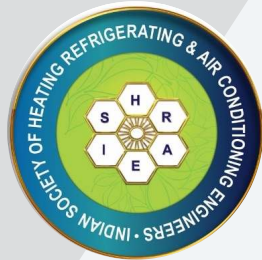
Library



Reading Room

# PROFESSIONAL BODIES

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



Setting the Standard for Automation™

## MOU

Memorandum of Understanding for Academic Excellence is to reinforce the Industry Institute Interaction.



Dcodotech



SIEMENS



SWAYAM NPTEL Local Chapter



Incubation Center



Microsoft ATS-MoU



Silverlink Technologies

## INDUSTRIAL VISITS



adani Electricity



Darsanam Spinning Cotton Mill



Bhira Hydroelectric



W.R.I.C



IDEMI



Hiranandani Hospital

# CO-CURRICULAR



## Team Robocon ACPCE

Robocon team of A. C. Patil College of Engineering acquired 13th rank in stage 1 and 31st rank in stage 2 in 2019 while they participated in the round held at MIT, Pune and acquired 17th rank AIR in 2018.



## AVISHKAR

AVISHKARA group of mechanical students acquired 3rd prize in the State level project competition.



## BESTOWAL

Radhika Pawar (Mech BE) presented the idea of Nanofluids and won the competition. A team of students from first year eagerly participated and won a prize for socially impactful idea whereas Sudesh Dhumal (SE Electrical) and team won the prize for the best idea.



## eFSI (e-Yantra Farm Setup Initiative)

The e-Yantra farm setup initiative (eFSI) is an initiative taken by IIT- Bombay towards promotion of automation and robotic research in the field of agriculture. It was inaugurated by Prof. Kavi Arya on 28th February, 2019.



## e-YIC (Eyantra Idea Competition)

The students - Prakash S. Patil, Nitin D. Patil, Rohit V. Pol mentored by Prof. Pratik R. Bagade constructed IoT based Intelligent Pill Box. This project deals with a particular time, when the patient needs to take medicines. The students were the regional finalists in the competition.



## IICDC Texas Competition

The students - Prakash S. Patil, Nitin D. Patil, Rohit V. Pol, Swapnali Palshetkar, Pooja Devare and Nayana Bhosle participated in Texas Instruments IICDC 2019 anchored by NSRCEL, IIM, Bangalore (IIMB) and supported by MyGov and survived upto regional finalists in 2018 and their idea got selected for implementation in 2019.



## QBDC (Quad Bike Design Challenge)

The QBDC Team Ashwamedh of ACPCE secured AIR 8th in this year's Quad Bike Design Challenge and they held AIR 11th last year.



# SOCIAL ACTIVITIES

## 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 Development Cell (WDC)



The Women 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.

# FESTIVALS

## Cultural Fest



**Rhythms**



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.

## Freshers Party



**Freshers**



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.

## Technical Fest

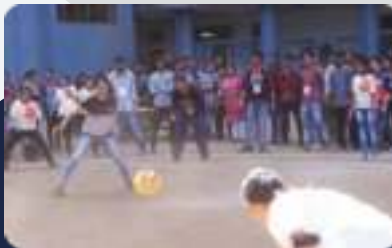


**VECTORS**  
*Think Innovative!*



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.

## Sports Fest



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.

# TESTIMONIALS



Grooming a young boy to a confident man, who could successfully face the corporate world and also lead a positive and a happy life. Yes this is what A C Patil COE groomed me in the 4 yrs of my college journey with them. Today even after 22 years, I get the same love, affection and support from the College management, Professors and the non-teaching staff. Welcome to ACPCE. A institute, where you not only earn your degree, but also learn to live life !!

**Mukesh Pathak**  
**Libertyhouse UK, Mumbai**  
**Responsible for STEEL TRADING INDIA**

My 4 years of engineering at A. C. Patil College of Engineering has played a significant role in shaping the person that I am today. Thanks to the college and the degree, I have now found that I am successful when undertaking assignments and organizing both myself and others. The staff and teachers are very passionate and show genuine desire to help students to achieve their goals. I have had huge amounts of support from all my professors who will go out of their way to help you. The college has all the necessary infrastructure to take you through your engineering journey. I have also made some good friends here who will stay with me throughout the rest of my life.



**Rahul Mohandas**  
**Senior Manager**  
**Duck Creek Technologies, Mumbai**



My life at A. C. Patil College made me stronger and took me a step ahead for being an Entrepreneur. I am thankful to all the staffs & faculty members who have supported & corrected throughout our bachelors. I loved the infrastructure and its culture. The events that I took part helped me to grow my confidence level & thinking out of box. I would like to say thank you to the Electrical Dept. & Placement cell for always guiding and providing an opportunity for my career.

**Ritesh Mahendra Shah**  
**Founder**  
**SwitchBazaar.com (India's 1st Electrical B2B Marketplace for Global Trade)**

ACPCE has very good positive and energetic environment, all college professors are good and ready to help whenever needed. Training and Placement department continuously provides assistance regarding the placement in top companies. 4 years spend in this institute has helped me immensely in my professional journey.



**Harsh Shah**  
**Senior Consultant**  
**Capgemini**



I love my college a lot because it possesses all the qualities of an ideal college. We have excellent course curriculum and faculty members. Our lecturers hold a respectable place in the societies. Like other colleges in the city my college is not built to earn profits. The target here is to impart excellent education and come out with bright careers so as to shape our future in the best possible manner.

**Pravin Madhav Sorte**  
**Software Testing Lead**  
**TCS**

# ALUMNI ENGAGEMENT



Being 25 years old institute, our alumni are holding good positions in various reputed organizations, institutions & well appreciated at the workplaces. ACPCE organizes Alumni Meet - ReLive every year.

## OUR PRIDE ALUMNI



**Mr. Nilesh Paruleuar**

Joint General Manager PTDC, Larsen & Toubro



**Ms. Leena Patil**

Director, Home Revise



**Mr. Ajay Simon**

Vice President, J. P. Morgan



**Sobhita Phadnis**

Associate Director, Cognizant



**Anoop Nair**

Instrumentation & Control Engineer,  
Worley Parsons - Saudi Arabia



**Tejas Sankhe**

Dy Manager, Jio Infocomm Ltd



**Punit Singh**

Head Of Operations,  
APMEA & Canada at Nielsen Connect



**Jayendra Ingale**

Data Management Analyst,  
Citadel



**Rahul Sathe**

Senior Software Engineer,  
Morningstar

# 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. G. P. Deshmukh**  
Title - "Process and apparatus for conversion of waste plastic into liquid and gaseous fuel" Patent App No. PCT/IN2019/050617 Application types E-12/1102/2019-MUM International Patent

**Prof. Rachana Patil** awarded Gold Medal at University Level Round of 14th State level Avishkar Research Convention 2019-20 (Represented University of Mumbai at State level in Engineering and Technology Category)

# STUDENT ACHIEVEMENTS



*1st Rank*

**Harshal Chaudhari**

Secured First rank in sem 7 Mechanical Engineering in Mumbai University (9.88 CGPA) Academic Year 2019-20



*1st Rank*

**Jayesh Shelar**

Secured First rank in sem 7 Electrical Engineering in Mumbai University (9.64 CGPA) Academic Year 2019-20



*2nd Rank*

**Rohan Shisode**

Secured Second rank in sem 7 Mechanical Engineering in Mumbai University (9.84 CGPA) Academic Year 2019-20



*5th Rank*

**Chagan Kor**

Secured Fifth rank in sem 7 Mechanical Engineering in Mumbai University (9.56 CGPA) Academic Year 2019-20



Shubham Mangne  
Taekwondo weight category 80-87 kg  
Bronze medal in Mumbai University



Kabaddi Winners  
at University Level



Kabaddi Runner-ups  
at University Level



Ashok Prasad Gawade  
Swimming (100 meters freestyle)  
Medal - Silver

# PLACEMENTS

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

**12LPA**  
HIGHEST PACKAGE  
OFFERED

Highest number of Selections by  
Global Companies:

TCS, ACCENTURE, CAPGEMINI, L&T,  
ICB TECHNIMONT, DCODETECH & MORE...

## PLACED STUDENTS



**Swapnil Achari**  
BE Computer  
TCS



**Pradeepkumar  
Arundiyar**  
BE Electrical  
Jaro Education



**Ankita Bele**  
BE IT  
TCS



**Pranaya Kudav**  
BE Computer  
Sankey Solution



**Gaurang Panda**  
BE IT  
Capgemini



**Pratul Sutar**  
BE Computer  
Neosoft



**Sankalp Nadhe**  
BE IT  
Infosys



**Aman Mishra**  
BE IT  
MindGate

# TOP RECRUITERS



## 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 journal.
- | 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 WIFI campus.
- | Provides additional coaching for competitive examination.
- | Ample space for sport activities.
- | Well connected to city and industries.
- | Serves hygienic food at affordable price at college canteen.