First NBA accredited college in Dakshina Kannada.

Life member of Institution of Engineers (India).

Certified to ISO 9001 - 2008.

Lush green campus of 60 acres.

Wi-Fi enabled campus with internet connectivity of 55 mbps.

State of the art infrastructure and facilities.

Well qualified, experienced and eminent faculty.

More than 20 renowned Professors with Doctorate degree.

Industry oriented pedagogy

University approved Research Centres in 7 disciplines

Language labs and Skill Development Cell

Placements & Training centre with excellent placement record.

Certification courses in advanced technologies.

Academic MOUs with various organizations.

Internship programmes for students.

Around 3000 students in the campus.

Over 6000 Alumni spread over the world.
P.A. EDUCATIONAL TRUST

The P.A. Educational Trust (PAET) was established in 1999 with a mission to deliver quality education at par with global standards. The Trust through its various educational institutions is committed to mould the new generation with knowledge, ethics and social responsibility. With Dr. P.A. Ibrahim Haji, a renowned educationalist and philanthropist at the helm of affairs, the Trust is well equipped to groom talents and turn them into top quality professionals with deep knowledge and strong ethics.

PACE GROUP

PACE Education group was founded in the year 1999 by Dr P.A. Ibrahim Haji by forming the P.A. Educational Trust. It manages a number of reputed educational institutions in India and abroad. From P.A. College of Engineering - the first venture till the latest one being PACE English Academy at UAE, PACE group has been successful in setting a benchmark in the field of education.

Currently there are 11 institutions under the group. PACE Group propose to have many more modern educational institutions in view of the high demand from parents and the respect and reputation our institutions gained over the years. With over 1,200 teaching staff, 500 non teaching staff and over 20,000 students from 25 nationalities in various institutions, PACE Group assure to build institutions that would enhance the quality of education around the world.

OUR CHAIRMAN

Doctor of Philosophy (Ph.D.) awarded by American Global International University, Florida for NOBLE SERVICE TO HUMANITY, Member of the Board of Governors - A P. Abdul Kalam Technological University, Member - Indian Business & Professional Council (IBPC), Dubai, Managing Director - Al Shamali Group, Dubai, Co Chairman - Malabar Gold & Diamonds, Founder and Vice Chairman - Indus Motor Co. Ltd., Director of Cheraman Financial Services Limited, Kerala (in association with KSIDC, Government of Kerala), Director - Chandrika Publications, Co Chairman - Malabar Charitable Trust, Trustee and Member of Executive Committee - SAFI (Social Advancement Foundation of India), Kerala
Chairman’s Message

The objectives of education are closely linked with that of our life. Modern education is classified from Kindergarten level to specialties and super specialties thus branching out into perfect areas of specialization; education is not meant for acquiring knowledge and information alone but translate them into action and activities for the convenience of man and human race as a whole. As I write this piece disclosure comes of a device to charge mobile batteries by cordless means. Thus goes the thousands of innovations the advance of technology offers to man.

The above relates to the convenience and comforts of living. Thus it satisfies the total or partial need of a person. No doubt people enjoy the fruits of the modern equipments and tools. That does not mean he has peace at heart. This is where the lesson of humanities is relevant and important. This is where the religious belief and trust of a person contribute. In short there should be a balance between science and humanities. This lesson is best given as part and parcel of his classroom days. I don’t know how far this liaison is planned in the western countries and those emulating them in our own countries.

The best way is to import western technology and export humanities and human values as we see in our culture and belief, thus benefiting both east and west equally.

The best satisfaction in life comes not by increasing the bank balance but offering even part of our belongings to those in need, not by being rough and tough on needless occasions but by being kind and responsive as the need arise.

PACE is intended to address the human and scientific aspect of modern life. Our institutions inculcate the human values and also equip a person to withstand the tremendous pressure of technological advances, social media and the consequence of becoming a prey and distraction to the contents therein but balancing life and attitude by judicious evaluation and distinction. We are concerned of this trend and are engaged to turn out a worthwhile human being. Our teachers with vast experience and exposure shall ensure model education of your ward.

As chairman I assure one and all of you to do whatever humanly possible to convert the above dream into a reality.
P.A. College of Engineering

P.A College of Engineering (PACE) was established in the year 2000 under the aegis of PAET, with an aim to provide a career-oriented professional education and to produce technically competent engineers with moral and ethical values. The institution is dedicated to promote an effective learning environment that encourages excellence and diversity in thoughts and endeavour.

PACE is affiliated to the Visvesvaraya Technological University (VTU), Belgaum and is approved by the All India Council for Technical Education (AICTE), New Delhi, recognized by the Government of Karnataka and is certified to ISO 9001-2008.

P.A. College of Engineering which was instituted with a total intake of 240 students i.e. 60 students each in four disciplines of engineering, has now grown in leaps and bounds. Over the past 15 years, new undergraduate programs, postgraduate programmes in various branches of engineering, Management courses and Research programmes were added to meet the growing demand of the industry and the intake has been increased to 630.

Teaching and research facilities at PACE are already among the best and continues to improve. Well qualified faculty with international reputation, a well developed campus and outstanding infrastructure makes PACE much sought-after for technical and management education. The institution regularly invites experts from industry and academia for interaction with students. While helping the students to reach their full potential, PACE also offers innumerable opportunities for extracurricular activities that match nearly every interest.
Vision

PACE is envisaged as a centre of evolution for excellence in Technological, Management and Research Education. The institution aspires to spread universal knowledge through villages and cities enabling expansion of human resources.

Mission

- To provide career-oriented professional education to produce technically competent engineers and managers with moral and ethical values.
- To foster and promote an effective learning environment in the campus to be recognized as a place that encourages excellence and diversity in thoughts and endeavour.
- To provide research and intellectual resources to address problems facing the industry and the society while advancing the scopes of multidisciplinary application.

Principal’s message

It gives me immense pleasure to welcome you to the creative world of PACE. It is a matter of pride that PACE is providing quality education with mentoring system for the students aspiring to be competent professional in technology and management.

With the growing strength of students, our efforts are directed to accommodate and address the expectations of every student by organizing various activities to inculcate leadership qualities and team spirit.

PACE is committed to impart necessary skills, technical knowledge and professional ethics to our students in the best possible manner through various training programmes in order to make our students employable and industry ready.

Along with all stake holders, PACE is dedicated to fulfill the dream of the Missile man - Peoples President Bharat Ratna Dr. APJ Abdul Kalam to make India a developed nation by 2020.

Dr. Abdul Shariief
UG programmes - (8 semesters)

Bachelor of Engineering (B.E.)
- Biotechnology
- Civil Engineering
- Computer Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering

PG Programmes - (4 semesters)

Master of Technology (M.Tech.)
- Digital Communication & Networking (DCN)
- VLSI Design and Embedded Systems
- Computer Science & Engineering
- Thermal Engineering

Master of Business Administration (MBA)
Optional Dual specialization
- Marketing
- Finance
- Human Resources
Research Programmes

Ph.D./ M.Sc. (Engg.)

- Biotechnology
- Electronics & Communication Engineering
- Computer Science & Engineering
- Mechanical Engineering
- Chemistry
- Mathematics
- Management Studies

Diploma Courses

P.A. Polytechnic

Diploma in Engineering (6 Semesters)

- Civil Engineering
- Computer Science & Engineering
- Electronics & Communication Engineering
- Electrical & Electronics Engineering
- Mechanical Engineering
Distinctive Features

ACADEMIC FACILITIES

Class rooms are well designed and ventilated, with audio visual teaching aids to make learning effective. Laboratories and workshops are well equipped with modern and sophisticated equipments. Guest lectures, conferences and other events are conducted in the seminar halls and multipurpose halls. A 2000 seating capacity Auditorium with audiovisual facility for organizing National/International conferences, workshops and seminars is just conceived in the campus.

CENTRALISED LIBRARY

A centralised library located in a separate building of 11,000 square feet area houses prescribed text & reference books for all branches of engineering, encyclopedia, handbooks, dictionaries, reference books for preparation of competitive exams like GATE, GRE, TOEFL, project reports and bound volumes of journals. Separate reference section with 500 seating capacity is attached to the library with racks of reference books. Digital library facility with adequate number of computers in the library is provided to access e-journals, e-books and NPTEL resources. Digital Library is a member of the e-consortium of VTU through which faculty and students can access e-journals and e-books in the campus through Wi-Fi.
PACE follows a student-centric approach in teaching-learning processes to match the vision and mission of the institution. Student counsellors, Academic advisors and Smart campus facilities ensure personal monitoring and progress of the students and communicate the same to the parents. SMS will be sent to the parents/guardians' mobile in case of their ward's absence. The attendance & academic progress of the students are monitored and academic progress are sent to their parents at regular intervals. Academic advisors, who will be in continuous contact with respective parents, would assist the students in their holistic development.
HOSTEL

Hostel facility for boys and girls is available within the campus. Each building is well-furnished and has bathrooms, dining hall with high-tech modular kitchen, recreation rooms and lounges. Each block has reading rooms and a mini library to ensure study atmosphere in the hostel. The staff wardens and resident wardens monitor the students. Professionally managed caterers provide healthy, hygienic and tasty vegetarian/non-vegetarian food.

TRANSPORT

The full-fledged transport department at PACE provides bus facility for the students who commute daily. Currently twenty college buses are plying from college to various routes of Dakshina Kannada (Mangalore, Surathkal, Puttur, B. C. Road) and neighboring district Kasargod. Separate bus facility for girls is also arranged for their safe and convenient travel. Students can avail the transport facility by registering for the same at the time of admissions.
OTHER FACILITIES

The spacious cafeteria serves a variety of hygienically prepared food & snacks. The departmental store is well stocked with all the necessary items for students and staff. Postal and courier services are also available within the campus. Vijaya Bank has an extension counter which operates within the campus. ATM services by Vijaya bank and Corporation bank are also available within the campus for easy financial transactions. Locker facility is available in the academic block for safe keep of students belongings.

Diesel generators and transformers ensure uninterrupted power supply for the entire campus. As an eco-friendly attempt to conserve water, an Effluent Treatment Plant (ETP) has been setup to provide recycled water for gardens in the campus. Rainwater harvesting techniques are employed in the campus with expert help to maintain the ground water level. PACE has round the clock security on the campus along with CCTV camera for effective surveillance.
The core strength of PACE is its renowned faculty. Around 20 Doctorate degree holders lead the team of well qualified and experienced faculty and ensure high academic quality and research guidance.

Key
Faculty
Profile

DR. ABDUL SHARIEF
M.TECH., PH.D.
Principal
He is an eminent academician with 3 decades of teaching experience and 21 years of research in the field of thermal science, Heat transfer, and IC engines. To his credit numerous number of research papers are published in National and International journals. Under his guidance one research scholar is conferred with Doctoral Degree and currently he is guiding 5 Ph.D. and one M.Sc.(Research) candidates. He is life member of professional body ISTE.

DR. RAMIS M. K.
M.TECH., PH.D.
Vice Principal, Head - Department of Mechanical Engineering, Head - Placement Team
He is a part of the core team monitoring planning and developmental strategies of college with focus on Department of Mechanical Engineering. His research interest includes Computational Fluid Dynamics, Nanofluids, Micro and Minichannel Heat Transfer.

DR. ANTONY A.J.
B.TECH. (NITK), M.SC. ENGINEERING (NITK) & PH.D. (NITK)
Dean (Students Affairs), P.A. Educational Trust Institutions
He is a part of the core team. He has 36 years of teaching, research and administrative experience. As Dean of Student Affairs his role is to encourage and motivate the students to scale up their performance by enforcing discipline and commitment. His research interest is in IC Engines & Combustion.

PROF. SURFRAZ HASIM J.
M.SC., M.PHIL., MBA, PGD. IR & PM, PGD. FA & S, PGD. PR
Director (Academics)
He is a part of the core team - coordinating the academic & public relations activities and ensuring effective implementation of policies in relation to teaching, learning & supervision. He conducts various training programmes for students, faculty members & professionals on the areas of personality development, motivation, leadership, mind power and hypnosis.

DR. R.G. D’SOUZA
M.TECH., PH.D.
Administrative Officer (PAET), Professor and Head - Dept of Civil Engineering
He is a part of the core team - strategising and coordinating administrative activities. He is also a GC member, BCE member VIU (Civil Engineering Board). His area of specialization is Concrete Technology.
DR. ZAHID AHMED ANSARI
M.E., Ph.D.
Professor & Dean (Research)
He has 22 years of experience in academia and industry. He promotes the research and development activities at PACE. He has published 41 research papers in international journals and international conferences. His research area is Data Mining, Soft Computing, Computational Intelligence and High Performance Computing.

DR. BEERAN MOIDIN B.M.
MBA, PGDFM, PGDCA, NET, Ph.D.
Professor and Director of Center for Management Studies and Research (MBA)
He has more than 20 years of experience in academics and industry. He is a member of BOE (MBA) and Editorial Board of the Scholars World- IRWJCR Journal and an approved research guide in VTU. His research interest is in third sector and general management and has published research papers in national and international journals.

DR. KRISHNA PRASAD N.
M.Sc, Ph.D.
Professor and Head - Department of Biotechnology
He has over 2 decades of industrial, teaching and research experience. He is also a recipient of prestigious Century International Quality Award - 2014 in gold category award by BID, Spain at Geneva, Switzerland. His research area is Protein preservation and Purification.

DR. LAVANYA S.
M.Sc., Ph.D.
Professor and Head - Department of Mathematics
She has more than 20 years of teaching experience. She has published articles in International Journals, guided 3 M.Phil candidates and is currently guiding 3 research candidates. Her research area is Mathematics - Lattice Theory.

DR. M. SHARMILA KUMARI
M.Tech., Ph.D.
Professor and Head - Department of Computer Science & Engineering
She has more than 15 years of teaching experience. She was an organizer of INDO-RUSSIA Collaborative Research Project Work and has more than 50 research publications in International and national journals to her credit. Her research interest is in Pattern Recognition and Image Processing.

PROF. ANANT KUMAR KULKARNI
M.Sc., M.Phil., (Ph.D.)
Head - Department of First Year
He has more than 25 years of experience in academics. His area of specialization is Applied Mathematics. He is the Head of First Year department at PACE, promoting academic discipline among the first year students.
Academic Expertise

**PROF. ABDULLAH GUBBI**
M.E., (PH.D.)
Head - Department of Electronics & Communication
He has more than 23 years of academic and industrial experience. He is a life member of Indian Statistical Institute and is in charge of National Programme on Technology Enhanced Learning (NPTEL). His research area is Pattern Recognition and VLSI Design.

**PROF. JOHN VALDER**
M.TECH., (PH.D.)
Head - Department of EEE
He has more than 21 years of academic and industrial experience with various intuitions in India and abroad. He is a life member of Institution of Engineers and his Research Area is Auction based deregulated Electrical Power System.

**DR. SHANMUKH KUMARI K.**
M.SC., M.PHIL., PH.D.
Associate Professor
She has more than 19 years of teaching experience. She is a member of ISTE (Indian Society for Technical education), IAMS (Indian Association of Mathematical Sciences), AMTI (Association of Mathematics Teachers of India), RGPV (Rajiv Gandhi Pratishthal), VPI, Vigyan Parishad of India and SSFA (Society for Special Functions and their Applications).

**DR. SHANKAR K. S.**
M.TECH., PH.D.
Associate Professor
He has 15 years of teaching experience and 6 years of research experience. He is a life member of ISTE (Indian Society for Technical education) and Combustion Institute - Indian Section. His research interest includes Alternative fuels and IC Engines.

**DR. ANJUM KHAN**
M.SC., M.PHIL., PH.D.
Associate Professor
He has more than 16 years of teaching experience. He is the coordinator of ISTE - PACE Chapter. He is also a coordinator of research activities in the department of Mathematics. His research area is Wavelets in non-parametric regression.

**DR. RASHMI KODIKAL**
MBA, PH.D., PQ2HRM, DIIT
Associate Professor
She has more than 14 years of teaching experience. She was a rank holder in BBM and MBA university exams. She has also received gold medal for securing highest marks in MBA. Her research interest is in Organization Behaviour and has published various papers in national and international journals.
**DR. SUJATHA K. S.**
M.COM., PH.D.
Associate Professor
She has more than 15 years of academic experience. She has many paper publications, national and international conference papers to her credit. Her research area is Women Empowerment and Third Sector Management.

**PROF. MUSTHAFA KHALEEL V**
M.SC., PH.D.
Head - Department of Chemistry
He has more than 11 years of experience in academics and industry. He is a Life member, Indian Society for Technical Education (ISTE) and Indian society of radiation and photochemistry sciences (ISRAPS). His research area is Organic chemistry (Synthesis of Novel organic compounds).

**DR. UGYEN GYURME**
M.SC., PH.D.
Assistant Professor
He has 5 years of industrial and 6 years of teaching experience. He has done PhD in Geohydrology from Karnataka University, Dharward. His research interest is in Geohydrology, remote sensing, geographical information system and Engineering geology.

**DR. KHALID PARWEZ**
M.SC., PH.D.
Assistant Professor
He has done Master of Science in Medical Microbiology and Doctor of Philosophy (PhD) in the Faculty of Allied Health and Basic Sciences. He has more than 6 years of teaching experience. His research area is Nanotechnology.

**DR. SHAILET MATHEW C.**
M.SC., PH.D.
Assistant Professor
She has 10 years of teaching experience. She has many publications, National and international conference papers to her credit. She is interested in Research in Cancer and has co-authored the book "Cancer: Chemo-preventive and Anti-mutagenic Potential of Certain Plant Extracts".

**DR. DARSHAN RAJ C. G.**
M.SC., PH.D.
Assistant Professor
He has 10 years of experience in academics and industry. He has won Gold medal (1st Rank) in Post graduation. Best presentation award in International Conference on Frontiers in Biological Sciences. Vidyamaniya Award 2013 and gold medal from Aryavivya Mahasinha. His research area is Medicinal Chemistry and Radiation Biology.
Biotechnology is the use of biological processes, organisms or systems to manufacture products intended to improve the quality of human life. There are many applications of Biotechnology such as development of various medicines, vaccines, increase of productivity, conservation and animal breeding, improvement of quality of seeds, insecticides and fertilizers. It is the fastest growing knowledge based sector in India which grew over 5 times across a period of five years to generate annual revenue of 10 Billion US$. With the country offering R&D facilities, knowledge, skills, and cost effectiveness, the biotechnologist has greater role to play.

The department of Biotechnology at PACE is approved by Visvesvaraya Technological University as a research centre to carry out research in the frontiers of Biotechnology.

- Well qualified and dedicated faculty with specialization in agriculture biotechnology, food biotechnology, nanotechnology, medical biotechnology and environmental biotechnology.
- Highly sophisticated VTU approved Research laboratory facility to do research in protein purification, enzyme kinetics, food microbiology, downstream processing, upstream processing, nanotechnology and drug design.
- University rank holders and 100% results in the final year university examination for the past 10 years.
- Many of the final year research projects were financially supported by Karnataka State Council for Science Technology, Bengaluru and Vision Group on science and technology, Bengaluru.
- Published more than 60 research papers in the National and International Journals and published three text books that are now prescribed text book for VTU, Annamalai University, University of Calcutta, Northern Maharashtra University and SRM University.
- Biotek forum conducts various seminars and workshops to keep the students updated with latest trends and developments, career and entrepreneurship opportunities in the field of biotechnology.
- Placement for students is carried out every year through Biotech alumni platform. Our students are placed in pharmaceutical companies, chemical, agriculture and allied industries, bio-processing industries and research laboratories in India and abroad.
- Department provides guidance for students who likes to pursue Master's and Doctoral program in India, USA, Europe, North America and Australia.

Alumni Speak

“I am truly blessed I chose Biotechnology stream as it has myriad applications and diverse options open up after B.E for higher studies. Being a research oriented field, it stands on edge in contributing to nation’s growth.”

Syed Usman Taqui
Recipient of European Erasmus Mundus Scholarship
Ph D, Scholar in Membrane Engineering, European Consortium

“A well crafted curriculum, an institution with right assets, freedom and ease of innovation and of course talented and motivational teachers - Department of Biotechnology has fuelled my dreams, making me able to realize my vision”.

Amis Ahmed
Managing Director / Co-founder
Aadah Life sciences Pvt Ltd
New Delhi
Civil Engineering is one of the oldest and core branches of the engineering discipline extending across many technical specialties. The scope of this discipline includes buildings, bridges, water supply and waste water treatment, irrigation and hydrology, marine structures, tunnels, highways, airports, space satellite and launching facilities - each vary widely in nature and size. The career options for civil Engineers include planning, designing and supervising the construction activities which are required for providing essentials to modern life. With a growing focus on infrastructure development, there are multiple opportunities for the new generation civil engineers.

The Department Civil Engineering at the PACE is one of the top in South Canara region in terms of faculty and facilities. The motto of the Civil Engineering Department is to: “Bridge the gap between academia and industry”. The Department provides state-of-the-art facilities and infrastructure to achieve this motto. The department has been imparting quality education to meet the technological advancement and industrial requirements.

- Well qualified and experienced faculty help the students to shape their character as professional, future efficient and effective civil and construction engineers.
- State-of-the-art laboratories equipped with advanced and sophisticated equipments like Total Station, Universal Testing Machine, compression testing machine, triaxial and consolidation testing units.
- Computer lab having licensed software like ETABS, STAADPRO, AUTOCAD etc. which the students can use for analysis, design & drawing of structures.
- Infrastructural facilities for carrying out various tests on all building materials, Soil and Water samples.
- The department offers various consultancy services like topographical survey including contouring, analysis and design of concrete and steel structures, water sample analysis, quality assurance inspection and building materials testing for many private, state and central government organizations.
- Civil Engineering Association (F.O.R.C.E) conducts various programmes to enrich the technical knowledge and also to improve the confidence level of students.
- Workshops conducted for students and staff on a regular basis to create awareness on the latest design software.
- Training for students who choose to be an entrepreneur or build a career in Government/ Private agency or Research & Development organizations.

Alumni Speak

“The College has an excellent academic atmosphere with experienced faculty. Throughout my time at P.A. College of Engineering, I have been able to develop as an engineer by the knowledge acquired and as a professional due to the encouragement I received by all.”

Zulfikar Ali P.
Currently pursuing MS
Georgia Tech, Georgia, U.S.

“I’m fortunate to have spent the best days of my student life in the Dept. of Civil Engineering. I feel proud to be an active member of civil engineering student’s forum “FOR.CE” (Fraternity of Rising Civil Engineers) and civil engineering fest “STHAPATI”. I’m thankful to the civil engineering department faculty for providing me with an education that changed my life.”

Archana Gopinath
Lecturer
Dept of Civil Engineering
P.A. Polytechnic
Computer Science & engineering deals with design, implementation and management of information system of both software & hardware processes. Computer professionals engage in a number of areas such as analyzing and designing - from simple microprocessors to highly featured circuits, software design and operating system development. They focus on innovation, thus making computing systems safer, faster and more powerful. Hardware engineers work on computer systems and components, designing microprocessors, circuit boards, routers and other embedded devices. The Software engineers create, test and debug programs and applications that run on computers, mobile devices and more.

The Department of Computer Science & Engineering at PACE offers four years Bachelor degree programme, two years Master degree programme and Doctoral degree programme in Computer Science and Engineering. To strengthen research activities, the department has established a research centre recognized by VTU.

- Experienced, self-motivated, young and dynamic faculty members. The faculty members presented & published papers at several reputed National, International Conferences and Journals and have undertaken many funding projects worth Rs 30 lakhs from AICTE and DST.
- Modern teaching aids, well equipped laboratories and all the advanced technical facilities provided to the students for their knowledge up-gradation.
- The only college in South Canara which conducts open source awareness camps for the student community through GLUG, the department student association of PACE.
- Organizes many technical fests at state level and national level which is a showcase event and hence to exhibit the strengths of our students.
- Organizes conferences, workshops and short term courses for knowledge uplift of faculty and students.
- Involved in collaborative works with other Universities like the Indo-Russian Collaborative Workshop conducted at Moscow State University, Russia, which was sponsored by DST-RFBR agency.
- Involved in executing two International Collaborative Major Research Projects - 'Mathematical models and morphological analysis based algorithms for image comparison and classification in computer based vision system' and 'Face recognition in 2D and 3D space' funded by DST-RFBR agency.

Alumni Speak

"The multi dimensional learning environment at PACE, with an apt mix of academics, industry exposure, attitude and leadership, guided me in my career development. PACE gave me a strong foundation that helped me a lot in facing the new challenges and making our business successful."

Mohammed Hanif
Director & VP - IT Services
Navigo Solutions

"I really value the degree of independence that the department provided me with, and also the inspiration and motivation during the final year project. The department makes a sincere effort to promote original and creative thinking."

Suhas Pai
Information Security Professional
IBM Security
The Netherlands.

PACE GROUP
Electrical and Electronics Engineering is one of the core and evergreen branches of engineering and is widely accepted by the student community. Electrical Engineering involves study and application of electricity, electronics and electromagnetism. It is one among the fastest growing field which deals with generation, transmission and distribution of electricity. Electrical Engineers focus on design, development, testing and supervising electrical equipment manufacturing. Job opportunities are ample in both private and public sector - power plants, railways, civil aviation, electricity board, utility companies, electrical design and consultancy firms and all types of manufacturing industries.

The Department of Electrical and Electronics Engineering (EE) was established in the year 2012 with an annual intake of 60 students. The department has well qualified and experienced faculty and all the infrastructural facilities as per the VTU and AICTE norms.

- A full pledged project laboratory to materialize students’ ideas into mini projects and to practice reverse engineering.
- The lab facilities and the infrastructure are regularly upgraded and are well supported by the institute and the industry.
- Department library which provides all the necessary books and journals for students’ reference.
- The department has started the Association of Electrical and Electronics Engineering (AEEE) forum under the guidance of HOD and faculty members to initiate technical and non technical debates, technical paper presentations, seminars, mini projects and to create awareness with respect to research activities.
- Workshops, exhibitions and industry visits arranged by the department moulds the students as industry ready professionals.
- Industrial and ESCOM internships to translate curricular knowledge into actual application.
- Invited talks from the industry and ESCOM to enhance faculty as well as students’ knowledge of power system and power quality.
- Collaboration with faculty members from other disciplines, both within and outside the institute.
- Department plans to augment its teaching and research infrastructure, increase its industrial and research collaboration and adopt modern methodologies for training.

Alumni Speak

“The experienced faculty of the Electrical and Electronics department helped me to achieve my goals with their teaching and guidance. Various departmental activities and the college level co-curricular activities gave me a platform to showcase my talent.”

Sayyed Saadullah
2012 - 2016 Batch
Department of EE

“The department with experienced faculty not only takes care of the academic curriculum, but also non academic activities. I feel proud of being part of the first batch of the course which has instilled in me the confidence to face the challenges ahead.”

Abhishek Bhat G
2012 - 2016 Batch
Department of EE
Electronics & Communication Engineering involves the designing of electronic equipments and transmission of information across various channels such as a coaxial cable, optical fiber or free space. It is a dynamic and exciting field that provides excellent career opportunities in various sectors like commercial, industrial, military or scientific companies. Electronics Engineers develop devices such as circuits, integrated circuits and printed circuit boards (PCBs) which are used in various instruments that we come across in our everyday life. They also design complex routers, switches, multiplexers, electronic switching systems, telephone facilities and fiber optics.

The department of Electronics & Communication Engineering at PACE offers both under graduate and post graduate programs (MTech in VLSI design & Embedded Systems/ Digital Communication & Networking). The department has established a research centre approved by Visvesvaraya Technological University. It also offers Doctorate programs in several areas of specialization.

- Highly qualified and experienced faculty, committed to provide students an environment where they develop critical thinking and problem-solving skills.
- Well established laboratories like Circuit Lab, Logic design Lab, Hardware Description Language Lab, Microprocessor lab, Analog Communication Lab IC Design Lab and Project lab to name a few.
- An additional Robotics and Automation lab to visualize students’ ideas.
- The Department is equipped with audio video Library & books.
- ECE department Association (Ignited Minds of Electronics) which conducts Technical talks, Workshop and Invited talks to enrich the technical knowledge and also to improve the confidence level of students.
- The department encourages the students to take up the research funded projects and to nurture innovative ideas.
- Department has consistently maintained an exemplary academic record.
- The graduates of the ECE Stream have been selected by some of the world’s leading corporations (Intel, Dell, SISCO etc) & also by most of the leading Indian counter parts (Mahindra, L &T, TCS etc).
- The Department strives to be in the forefront of providing quality education in contemporary and emerging areas of electronics.

Alumni Speak

"Great support and encouragement from the faculty for activities like technical events and project competitions, along with the regular academia helped me to develop my technical skills and relate them to the real world. PACE helped me build a strong platform for my steps into the future."

Shihab Kalandar
Director - Business Development
NavigoSolutions

"Being part of PACE, especially the electronics and communication dept. and being guided by some of the best faculties in the college was a privilege that cannot be expressed in words. PACE provides limitless opportunities for those willing to grab them. Glad i was part of this experience"

Arun T.M.
Research Scholar- Strategic Management
IIM - Rohiak
DEPARTMENT OF
MECHANICAL ENGINEERING
Mechanical Engineering is a comprehensive discipline in engineering, which involves design, manufacture and maintenance of systems ranging from a simple individual part, to a complex system such as spacecraft. The principles of this discipline cover a wide range of applications such as Manufacturing, Automobile, Rocket Propulsion, Refrigeration and Air-conditioning, Oil and Gas, Mining, Aeronautics and Ship Building. The scope of Mechanical Engineering is expanding beyond its traditional boundaries to include new areas of research, such as nanotechnology, composite materials, biomedical applications and environmental conservation.

The Department of Mechanical Engineering was established in the year 2004 with an annual intake of 60 students to impart technical skills of highest and contemporary quality. After the continual improvement and added facility, the Department now accommodate 180 students in an academic year. The department offers undergraduate and post graduate programs (MTech in Thermal Engineering). The highlighting features of department are:

- Best in class teaching fraternity, having excellent academic record with a well versed teaching and industrial exposure. A team of 15 teaching staff with a good number of doctorates and masters in various streams of mechanical engineering, along with 15 well trained and technically skilled supporting staff.
- Well established laboratories which include Machine shop, Foundry and Forging lab, Material testing lab, Metrology and Measurements lab, Energy Conversion Engineering lab, Heat and Mass transfer lab, CAED, CAMD, CIM and Automation lab.
- Enthusiastical occupied in research activities and has received grants from various government organisations like AICTE, VGST and VTU for research. KSCST funded projects are carried by the students every year.
- Exclusive research labs for Computational Fluid Dynamics, Micro/Mini Channel Heat Transfer Analysis and Nanotechnology.
- Mechanical Engineering Association (MEA) conducts various technical and non-technical events and exhibitions.
- Organizes national conferences which attract delegates from various institutes and industries across India.
- MOUs with reputed industrial and academic organisations.

Alumni Speak

“Participating and organizing several intra and intercollegiate events have given me an opportunity to develop my leadership, teamwork and communication skills. Continuous guidance and motivation from teaching and non-teaching faculty helped me to work towards achieving my goals. The high standard lab facility enhanced my practical and technical knowledge.”

Mohammed Zubair
Research Assistant
University of Leeds, UK

“The life experiences, the exposures, the teachers and friends in those four years at PACE will last a lifetime. The best outgoing student award and the top academic performer awards I won at P.A. College of Engineering helped me in my career as an Engineer at Infosys (Aircraft Stress Analysis) and later to secure a place at the Cranfield University -UK, for my master’s degree.”

Amruthraj Nagaraja
Subject Matter Expert
Purple Frame Technologies
Bangalore
POST-GRADUATE AND RESEARCH PROGRAMMES
Master of Technology

M.Tech holders are suitable for a product-based industry where technical skills and innovations play a key role. Few opt to take up teaching as their career and further enhance their knowledge in research by pursuing Ph.D course after completing the M.Tech.


The curriculum has been designed to provide all students with more specific knowledge in their area of choice. The course includes core subjects which are compulsory for all and electives which provide knowledge in specialized area. The laboratory work, seminars, internship and project work are part of the curriculum to strengthen the technical knowledge and the exposure to be in pace with the industry.

Research at PACE

PACE believes that research is an integral element and must remain vital in the development of an academic institution. Hence equal emphasize is given to both basic and applied research. It's the basic research, which supplies impetus to the applied research. Over 20 Ph.D. faculty members and more than 60 research scholars are working on recent advances in various fields with the goal of enhancing the research capabilities of PACE. Following seven VTU recognized research centers at PACE offer Ph.D. and M.Sc. (Engg.) by Research courses:

- Biotechnology
- Chemistry
- Electronics and Communication Engineering
- Computer Science Engineering
- Mechanical Engineering
- Mathematics
- Management Studies

Various Research Interest Groups (RIG) at PACE are actively involved in research at all the departments. The institute is provided with full range of required infrastructure including well-equipped laboratories, campus-wide networking, high-speed internet access, subscription to a number of print and online reputed journals and more. PACE provides an excellent environment for the researchers:

- Teaching and students fraternity are encouraged to publish their findings in reputed journals and present papers at conferences. Even the project works of undergraduates being published in reputed international journals/conferences.
- Support is provided to participate in national and international conferences which facilitates building the network with experts from India and abroad.
- Consultancy work by employees is also encouraged by the institution.
- Funding received from various agencies like AICTE, VGST, DST, BRNS etc
- Memoranda of Understanding have been signed with other institutes and organizations for collaboration in research and/or development.
- The faculty members of PACE have received many awards and recognitions on national and international forums.
The Placement and Training Cell at PACE assists students in getting recruited by the various Core/IT companies, by conducting Training Sessions and On Campus/Pool Placement Drives. Under the guidance of Placement and Training Head, assisted by a dedicated team of Placement Officer, Staff Coordinators and Student Coordinators, the Placement Cell ensures that the students undergo rigorous training which is required to transform them into industry standard professionals. Over past 15 years, PACE produced around 6000 Alumni who are now well positioned in various MNCs, pursued higher degrees from reputed universities/institutions from India and abroad, and many became flourishing Entrepreneurs as well.

Placement Cell Features

- Counselling Sessions: Counselling sessions are conducted to understand the area of interest, strengths and weakness of each student.
- Sessions on Communicative English: Continuous training sessions are held in the first and second year to improve the communication skills, presentation skills and language of the students.
- Aptitude and Interview Training Sessions: Aptitude training sessions are conducted third year onwards, which helps the students to clear the aptitude tests during campus placements. Students also undergo placement specific training which includes resume writing, aptitude tests, mock interviews and group discussions.
- Tie-ups/associations with leading training consultants: Ethnus, FACE, Indwell Pune, Innovation Unlimited, Ipoint; Proflexare the training consultants who train the students in soft skills, aptitude and industry specific topics.
- Career guidance and personality development classes, seminars, workshops, industry visits and guest lectures by eminent personalities from various industries are conducted periodically to align the students with the current trends.
- MoUs established with esteemed MNC’s and illustrious institutions like Infosys, Google, HCL, IIT Bombay etc.
- On Campus/Pool Placement Drives from seventh semester onwards
### Our Placement Partners

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Engineering Associations & Forums

Along with strengthening the academic background of the students, PACE also strives on their overall development and exposure. Each department has formed associations or forums which conducts various seminars, workshops, industry visits and exhibitions. These such associations arrange talks by eminent personalities across various industries and thus help the students to be in line with the latest trends and opportunities in the area. These talks play a major role in the overall development of the students.

- AEEE (Association of Electrical and Electronics Engineering)
- Biotek Forum
- MEA (Mechanical Engineering Association)
- FORCE (Fraternity Of Rising Civil Engineers)
- GLUG PACE
- IME (Ignited Minds of Electronics)
- FESA (First Year Engineering Students Association)

ISTE PACE chapter

Indian Society for Technical Education (ISTE) was established with the view to advance the cause of technical education. The major objective of the ISTE is to assist and contribute in the production and development of top quality professional engineers and technicians required by the industries and other organizations.

The ISTE chapter of P.A. College of Engineering was inaugurated in 2006. The society regularly conducts seminars, workshops and symposia to improve and update the knowledge of faculty and students. ISTE Pace Chapter also conducts “Tathva” - A state level inter-collegiate technical fest every year. Tathva includes various events like Paper presentation, Quiz, Mock press, Robowars, Truss Making, Circuit Rig up, Web designing and many more.
Sports & Fest

Sports activities are given great importance at PACE. Sports centre offers facilities for both indoor and outdoor games:
- Outdoor facilities: Athletics, cricket, football, basketball, volleyball, handball, throw ball and badminton.
- Indoor Facilities: Table Tennis, Chess & Carrom Board.
- Qualified Physical Education Director and full fledged infrastructure.
- Multi - Gym with a full time trainer.
- Intra College level events are conducted at regular intervals.
- Students actively participate and win medals at inter collegiate and state level competitions.

PACE Fest

PACE Fest is an annual cultural fest conducted in the campus, where the students get an opportunity to exhibit their talent in various extra curricular fields.

Other Clubs & Social Organisations

NSS - National Service Scheme

The NSS activities at PACE provides the students with ample opportunities to serve society and foster a sense of selfless service to humanity. NSS unit at PACE regularly organizes camps and other social programs that help members to develop their social responsibility.

RTH - Rise To Help

RTH was started by a student group who believe that there is a need for change in the current definition of humanity. RTH conducts various activities to help the underprivileged people.

HOPE - Hope for Oppressed People’s Elevation

HOPE was started by a group of like minded people from P.A. College of Engineering. The Team conducts various activities to help the marginalised society. Distribution of School kits to students in the local village areas, visiting destitute homes, Orphanages, Ashrams and old age homes, conducting various campaigns for the inhabitants etc were few of the recent activities.
Visionary programmes needed for farmers’ progress: Judge

Mangalore team wins app challenge

Students Design Self-balancing Vel

Students develop device to book LPG cylinder automatically, stop leakage

PACE ‘Envision’ champs

Mangaluru PACE, Mangaluru, wins overall championship in the technical events of Envision 2016, conducted by Srinivas Institute of Technology, Vedicus and St Joseph Engineering College, with the runner-up trophy.

The cultural events, Aha’s College of Engineering, won the overall championship, while SDMIT, Ujjain, won the runner-up trophy.

The Envision 2016 was inaugurated by Prof. M. Shivaraj, Founder and CEO of Codecraft Technologies, Mangalore.

M. R. Amrutesh, President, BCI Karnataka, inaugurated the event. The event was attended by over 50 students from 60 engineering colleges across the state.

PACE Engineering Future
Pace all over the world

Gulf Asian English School, Sharjah

PACE International Academy, Sharjah

India International School, Sharjah

Creative British School, Abu Dhabi

India International School, Kuwait

PACE Residential School for Girls, Manjery

Blossom Public School, Manjery

RIMS International School, Kannur