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 endeavor.

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

A PEEK INTO THE CONTENTS

From the Editor's Desk

Dear Readers,
This edition of Pace Letter brings together achievements from across departments, driven by the passion and efforts of our students, faculty, and alumni. From workshops and community outreach to innovation and personal milestones, there's something here for everyone.

- Ms. Neola Nixon

EXPERT SESSION ON STOCK MARKET ANALYSIS
APR 7, 2025

P.A. College of Engineering's Centre for Management Studies & Research held a talk on "Technical Analysis of Stocks – Expert Perspective" for MBA students. Mr. Wilson Paul Libera, an Investment Advisor and Stock Analyst from Calicut, led the session. He spoke about market trends, technical indicators, and investment strategies. Students took part actively and gained practical insights. The event aimed to boost industry-related knowledge among management students.

MASTERING MS OFFICE & AI TOOLS: EMPOWERING STUDENTS FOR ACADEMIC EXCELLENCE
APR 10, 2025

The Department of Mechanical Engineering held a half-day workshop on April 10, 2025, titled "Master MS Office" for 2nd and 3rd year students. Dr. Altamashuddin Khan Nadimalla, HOD of Civil Engineering at BIT, led the session. He covered effective use of MS Word and AI tools for writing project reports, including tips on creating automatic tables of contents using heading styles and the References tab.

Students were also introduced to Consensus GPT, a search engine for research papers that gives summarized responses with links to sources, and Whimsical Diagrams, a tool for making simple visuals like mind maps and flowcharts.

The workshop opened with remarks from Dr. Mohammad Zakir Bellary, HOD of AI & ML, and Principal Dr. Ramis M. K., who stressed the importance of research and skill-building. The event was coordinated by Dr. Mahammadsalman Warimani and Dr. Abdul Razak Kaladgi, under the guidance of Prashanth Pai M, HOD of Mechanical Engineering.

AWARENESS PROGRAM FOR STUDY IN GERMANY
APR 10, 2025

The Training and Placement Department hosted a session on studying in Germany for second and third-year students. Mr. Aman Gupta, an expert in overseas education, led the talk, covering admission steps, exams, and prep tips. Moderated by Mr. Mohammad Hussain K and Mrs. Safa Sanah, the event saw active participation from 194 students. Principal Dr. Ramis MK encouraged students to pursue global opportunities, and a memento was given to Mr. Gupta in thanks.

INVITED TALK ON "THE RESEARCHER'S TOOLKIT"
APR 10, 2025

On April 10, 2025, the Department of AI & ML at PA College of Engineering held a half-day workshop titled "Researchers Toolkit" for second-year students. Dr. Altamashuddin Khan Nadimalla, HOD of Civil Engineering at BIT, led the session, covering tools like Turnitin, Mendeley, and MS Word for writing research papers. He showed how to detect plagiarism, use citation tools, and format documents effectively.

Students were also introduced to AI tools like Consensus GPT, used for finding research-based answers, and Whimsical Diagrams for creating visuals. Principal Dr. Ramis M. K. stressed the importance of original writing and responsible use of AI tools.

GUARDIANS OF CYBERSPACE: A HANDS-ON WORKSHOP ON ETHICAL HACKING AND CYBER SECURITY
APR 11, 2025 - APR 12, 2025

The Department of IoT & Cyber Security Including Blockchain Technology held a two-day hands-on workshop titled "Guardians of Cyberspace: Learn, Practice, Protect" on April 11 and 12, 2025, at Computer Center 3. Sessions ran from 9:00 AM to 4:20 PM each day.

Ethical hackers Mr. Shamanth R and Mr. Rohit K M from Thincnext led the workshop, covering ethical hacking basics, network scanning, Kali Linux, Metasploit, and tools like 888 RAT. Students also took part in live cryptography demos and hands-on exercises.

A Capture The Flag (CTF) challenge was held on day two, with Amna Fathima L and Zaayan Sameer winning the event. All attendees received certificates.

A career guidance session on cybersecurity roles, certifications, and key skills was also included. The workshop was conducted under the guidance of Dr. Shamna N V and coordinated by Ms. Meghashree. It gave students strong practical exposure to cybersecurity tools and concepts.

INDUSTRIAL VISIT TO VARAHI POWERHOUSE: A JOURNEY INTO HYDROELECTRIC ENGINEERING

APR 12, 2025

On April 12, 2025, the Department of Electronics and Communication Engineering organized a one-day industrial visit to the Varahi Underground Powerhouse in Hosangadi, Udupi District. Known as the first fully underground hydroelectric plant in India, the facility draws water from the Varahi River through the Mani Dam system and generates a total of 460 MW.

Around 100 second and third-year students, along with 11 staff members, took part in the visit. The day was split into four sessions covering key areas of power generation. Students toured the SCADA-based control room, observed power distribution across Shimoga and Kemar lines, and visited the generator yard, where they saw Pelton turbines coupled with synchronous generators.

EMPOWERING FUTURES: IEEE STUDENT BRANCH ORIENTATION 2025

APR 15, 2025

The IEEE Student Branch of P.A. College of Engineering held its Orientation Program on April 15, 2025, from 9:00 AM to 1:30 PM in the Seminar Hall. The event featured Dr. Parameshachari B. D., Vice Chair of IEEE Bangalore Section, as Chief Guest, and Dr. S. V. Sathyanarayana, Chair of IEEE Mangalore Subsection, as Guest of Honor. Principal Dr. Ramis M. K. and Vice Principal Dr. Sharmila Kumari addressed the students, along with Dr. Mohammed Zakir Bellary, IEEE Branch Counselor and HoD (AIML), who stressed the role of faculty guidance.

Student Branch Chair Abdul Kader Suhair Afran introduced the goals for the year. The guests shared their IEEE experiences and highlighted its benefits—access to research, industry connections, and professional growth.

The program included a session on IEEE activities and on-spot member registration.

BIOTECH PACE FORUM COMMEMORATES AMBEDKAR JAYANTI WITH REFLECTIONS ON SOCIAL JUSTICE AND CONSTITUTIONAL VALUES

APR 15, 2025

The Biotech PACE Forum of the Department of Biotechnology at P.A. College of Engineering observed Ambedkar Jayanti on April 15, 2025, at 11:00 AM in Room F-43. The event honored the legacy of Dr. B.R. Ambedkar, the chief architect of the Indian Constitution and a symbol of social justice.

Principal Dr. Ramis M.K. spoke about India's cultural diversity, while Dr. Krishna Prasad N, Head of the Biotechnology department, stressed the citizens' duty to uphold societal values. Vice Principal Dr. Sharmila Kumari, Ms. Shainy (Forum Coordinator), faculty, staff, and students attended the event.

MASTERING THE ART OF RESEARCH: METHODS, ETHICS, AND EXECUTION
APR 15, 2025 - APR 17, 2025

A technical session titled "Mastering the Art of Research: Methods, Ethics, and Execution" was held on April 15, 2025, organized by the Department of Biotechnology and the R&D Cell at PACE, under the ISTE PACE Chapter.

The session featured Dr. Syed Usman Taqui from KAUST, Saudi Arabia, and Dr. Bhavna Alke from NOVA School of Science and Technology, Portugal. They spoke on research writing, publication types, ethics, and practical research strategies. The event was attended by Dr. Krishna Prasad N., faculty, and students of the department.

The session began with an invocation by Hadi Khan and introductions by Khadijath Afra. Salila served as the event compere. The interactive segment boosted student participation, with small gifts given for active responses. Dr. Ramis M. K. also discussed future academic collaborations with the speakers.

The event closed with a Vote of Thanks by Dr. Shareefraju J. Ukkund, and feedback was collected from attendees to help plan future sessions.

WORKSHOP ON "GEOINTELLIGENCE FOR SMART ENGINEERING" APR 16, 2025 - APR 17, 2025

The Department of Civil Engineering at P.A. College of Engineering conducted a two-day workshop titled "Geointelligence for Smart Engineering" on April 16 and 17, 2025. Organized in collaboration with IEEE GRSS and IEEE Mangalore Subsection, the workshop aimed to introduce students to geospatial technologies and their engineering applications.

Dr. Ibrahim Bathis K, Project Scientist at the Kerala State Council for Science, Technology & Environment, led the sessions. His interactive teaching covered both basic and advanced topics, helping students understand how geointelligence applies to urban planning, infrastructure, disaster management, and environmental monitoring.

The event began with a formal inauguration featuring Vice Principal Dr. Sharmila Kumari, HoD Dr. Palakshappa K, IEEE Coordinator Dr. Zakir Ballary, and Prof. Kavyashree.

Over two days, students took part in hands-on sessions, and many expressed interest in using geospatial concepts for upcoming projects. The workshop closed with reflections from Principal Dr. Ramis M.K. and student feedback from Saba, Shahil, and Fahid, who shared how the sessions broadened their technical knowledge. Dr. Bathis concluded by praising the students' engagement and underlining the growing relevance of geointelligence in smart infrastructure and sustainable development.

MASTERING RESEARCH AND PATENTS: METHODS, ETHICS, AND INNOVATION

On April 17, 2025, a tutorial session titled "Mastering Research and Patents: Methods, Ethics, and Innovation" was held for third-year students, organized in collaboration with IEEE-CS and IEEE-WIE. The session was led by Dr. Shareefraza J. Ukkund, an alumnus and patent expert with extensive experience in research and innovation.

Dr. Shareefraza explained the fundamentals of patents, trademarks, and copyrights, showing how these tools support research and can be used to build business value. He also introduced Google Scholar tools and strategies for effective research, offering a clear, step-by-step explanation of key concepts.

PROFESSIONAL DEVELOPMENT PROGRAM ON SHAREPOINT, POWERAPPS, AND POWER AUTOMATE

APR 21, 2025 - APR 22, 2025

A two-day training program on SharePoint, PowerApps, and Power Automate (Azure Cloud) was held on April 21–22, 2025, led by Microsoft tech expert Mr. Mohammed Ajlan. The session aimed to equip 120 participants with hands-on skills in building low-code business solutions.

Day one covered SharePoint and PowerApps, focusing on document management and app creation. Day two introduced Power Automate for workflow automation with Azure integration. Real-world use cases and interactive Q&As enriched the learning experience.

Participants left with practical knowledge to streamline processes using Microsoft's Power Platform. Feedback was highly positive, marking the program a clear success.

APR 22, 2025

WORLD EARTH DAY AND WATER DAY CELEBRATION

The Department of Civil Engineering at P.A. College of Engineering, in collaboration with the Environmental Cell, celebrated World Earth Day and World Water Day on April 22, 2025. Over 200 students from various departments took part in the event held in Classroom B-20.

Coordinated by Prof. Kavya and Prof. Jameela, the program began with a welcome by Mr. Mubarish, followed by an address from Dr. Praveen Suvarna. Dr. Palakshappa K, HoD of Civil Engineering, delivered a technical talk on "The Hot Planet."

Competitions such as quizzes, poster-making, and video-making drew active participation. Mr. Sabeel delivered the vote of thanks, and Mr. Thoufeeq announced the winners. The event successfully promoted environmental awareness and sustainable thinking among students.

GETTING STARTED WITH AI: TURNING CURIOSITY INTO CAPABILITY

APR 23, 2025

The Department of Computer Science and Engineering at PACE, along with the Embed Club, hosted a session titled "Getting Started with AI: Turning Curiosity into Capability" on April 23, 2024, for second-year students.

Dr. Jason Elroy Martis from NMAMIT, Nitte, led the session, introducing students to AI basics and demonstrating pre-trained models. The event saw active participation and was appreciated for its interactive format.

The Ignited Minds of Electronics (IME) Club, under the Department of Electronics and Communication at P.A. College of Engineering, held a talk on "Research Tools and Techniques" on April 23, 2025, in the VLSI Lab.

Dr. Jason Elroy Martis from NMAMIT, Nitte, was the speaker. He covered research workflows, tools like Mendeley and Zotero, advanced MS Word features, and key points on ethics and plagiarism. Principal Dr. Ramis M.K. inaugurated the session, highlighting the need for quality research and student publications. Dr. Asif Hassan, HoD, presented a memento to the speaker.

The session was coordinated by Dr. Asiya Hazareena and Prof. Mohammed Saleem, with enthusiastic participation from 4th and 6th semester students. The event wrapped up with a vote of thanks by Mr. Mayan Sheik.

CONSERVATION OF NATURAL RESOURCES AT MUDIPU PANCHAYATH BLOCK   APR 24, 2025

The Ignited Minds of Electronics (IME) Club, under the Department of Electronics and Communication at P.A. College of Engineering, held a talk on "Research Tools and Techniques" on April 23, 2025, in the VLSI Lab.

Dr. Jason Elroy Martis from NMAMIT, Nitte, was the speaker. He covered research workflows, tools like Mendeley and Zotero, advanced MS Word features, and key points on ethics and plagiarism. Principal Dr. Ramis M.K. inaugurated the session, highlighting the need for quality research and student publications. Dr. Asif Hassan, HoD, presented a memento to the speaker.

The session was coordinated by Dr. Asiya Hazareena and Prof. Mohammed Saleem, with enthusiastic participation from 4th and 6th semester students. The event wrapped up with a vote of thanks by Mr. Mayan Sheik.

ALUMNI INSIGHTS ON IT CAREERS

The PACENext Alumni organized a session on "Progressing in IT/Corporate Career" on April 26, 2025, for 2nd-year CS, AIML, and EC students. Held in the Seminar Hall, the event featured Intel's Mr. Shamseer Ahmed, who shared insights on skill development, industry trends, and career growth in IT.

The session was coordinated by Prof. Khadeejath Ramzeela and supported by Dr. Mohammed Hafeez MK, Prof. Habeeb Ur Rahman, and Prof. Saifuddeen.

PACE STUDENTS SHINE AT NATIONAL LIFE SCIENCE FEST
APR 28, 2025

Biotechnology students from P.A. College of Engineering, Mangaluru, excelled at Biosynergy: A National UG Life Science Fest held on April 28, 2025, at Mangalore University.

First Place in Cooking without Fire: Ms. Samah, Mr. Ummer, Ms. Ayisha Ziya A, and Ms. Maria Nixon (VI Sem)

Second Place in Science Model: Ms. Saleela and Ms. Nafeesath Nafiya (VI Sem) for their Sterile Tender Coconut Tapping Machine

Third Place in Product Launch: Ms. Haleema Afreena and Mr. Shibli Ahsan (IV Sem) for Bionapkin

Third Place in Costume Designing from Waste: Mr. Prateek D Shriyan and Mr. Abdul Hadi Khan

The department congratulates all winners for their innovation and teamwork.

SEMINAR ON CORPORATE READINESS AND INTERVIEW SKILLS   APR 29, 2025

The Department of Mechanical Engineering, in collaboration with the Training and Placement Department at PACE Mangaluru, held a seminar titled "Get Ready for the Corporate World" on April 29, 2025.

Mr. Sayed Mudassir, CEO of Pupils Consultancy, Mysore, led the session, focusing on interview skills and workplace readiness. The event was coordinated by Dr. Mahammadsalman and Mr. Chethan K M, with active student participation.

Principal Dr. Ramis M. K. addressed the gathering, urging students to think creatively and make use of such opportunities. Dr. Prashanth Pai M and Mr. Mohammed Hussain explored future training collaborations with the speaker. Faculty members from various departments attended, contributing to the seminar's success.

BLUEPRINT OF A RESEARCH MIND: METHODOLOGY, METRICS & MIND-SET AND TECH TOOLS FOR SMART RESEARCH

The Department of Civil Engineering, in association with the Research Cell and Professional Body of PACE, Mangaluru, organized a seminar titled "Blueprint of a Research Mind: Methodology, Metrics & Mind-set and Tech Tools for Smart Research" on April 29, 2025, in both online and offline modes.

The first session, "Blueprint of a Research Mind," was conducted by Dr. Sandesh Upadhyaya K. from M.I.T., Manipal. He discussed research methodologies, metrics like h-index and impact factor, and the importance of a strong, ethical research mindset.

The second session, "Tech Tools for Smart Research," was delivered by Dr. Sayed Abdulhayan, Associate Professor, CS Dept, PACE. He introduced tools like SciSpace, Humanize AI, Drillbit, and Grammarly for literature review, reference management, plagiarism detection, and collaborative research.

The seminar was coordinated by Dr. Praveen Suvarna and supported by Dr. Palakshappa K., HOD, who emphasized the importance of research-driven learning.

IOT WORKSHOP: "CONNECTED INTELLIGENCE: ADVANCED IOT ARCHITECTURE"
MAY 5, 2025 - MAY 6, 2025
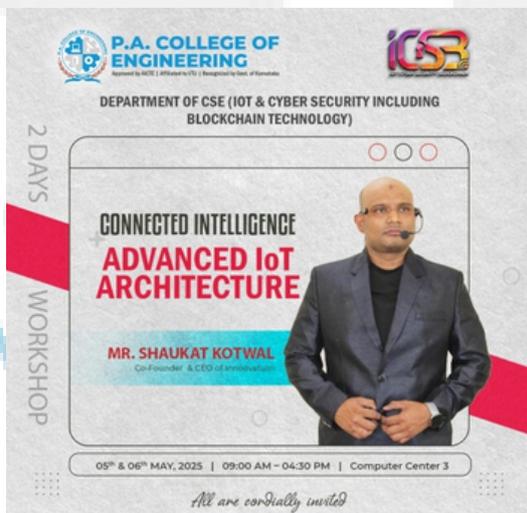
The Department of Computer Science (IoT & Cybersecurity including Blockchain Technology) organized a two-day workshop titled "Connected Intelligence: Advanced IoT Architecture" on 5th and 6th May 2025 at Computer Centre 3.

Led by Mr. Shoukat Kotwal (CEO & Co-founder, Innoovatum) and Mr. Rayappa Manashetti, the workshop offered hands-on training in ESP32 microcontrollers, cloud platforms such as ThingSpeak, ThingsBoard, InfluxDB, Grafana, Firebase for real-time databases, and AWS IoT Core integration. A key highlight was a two-hour challenge on Day 2, where students solved real-time problems using the tools covered.

Organized under the guidance of Dr. Shamna N V, HoD, and coordinated by Ms. Meghashree, Ms. Thofa Aysha, and student coordinators Vineeth SN, Amna Fathima L, Jishnu JP, Saahil SM, Sayyed Mohammad, and Ameen Hassan Saheb, the workshop was a resounding success.

SWACHH BHARAT ABHIYAN: AWARENESS AND CLEANING DRIVE AT PAJEERU PANCHAYATH

The NSS unit of P.A. College of Engineering (PACE), Mangalore, in collaboration with the Environment Cell and Youth Red Cross Cell, conducted a one-day awareness and cleaning drive under the Swachh Bharat Abhiyan on May 6, 2025, at Pajeeru Panchayath. The event began with a welcome address by Prof. John Valder, NSS Coordinator, who urged students to engage in environmental protection. Prof. C.V. Pujar, Environment Cell Coordinator, stressed the shift to renewable energy to reduce pollution. Chief Guest Mr. Rafeeq, President of Pajeeru Panchayath, shared insights into local waste management efforts and appreciated PACE's contribution.

Around 90 students and faculty, along with Panchayath staff, participated in the clean-up drive, covering the area from Pajeeru Panchayath to AK saw mill. Prof. John Valder led the awareness activities, and Mr. Haseed handled logistics.

INTERNATIONAL CONCLAVE ON ENGINEERING SCIENCE & TECHNOLOGY (ICEST-25) CONCLUDES WITH GRAND VALEDICTORY CEREMONY   MAY 7, 2025 - MAY 8, 2025

The International Conclave on Engineering Science & Technology (ICEST-25), held on May 7–8, 2025, at P. A. College of Engineering, Mangalore, concluded on a high note, promoting academic exchange, technological innovation, and interdisciplinary research.

The conclave featured seven parallel conferences—MECH-TECH, IC-ICE, ICDR, SEMI-COMM TECH SUMMIT, BIOTRENDCON, ICIBS, and ARTILLIGIENCE—with 140 paper submissions and 110 presentations. The event hosted 14 keynote speakers, including international experts, IIT/NIT professors, industry professionals, and entrepreneurs.

The Valedictory Ceremony began with a welcome address by Dr. Krishnaprasad N., followed by a comprehensive event report by Dr. Prashanth Pai, Convener of ICEST-25. The Chief Guest, Prof. Manjaiah D. H. (Mangalore University), emphasized the need for future-ready skills and research-driven education.

Guests of Honour, Dr. Surfraz J. Hashim and Prof. K. P. Soofie, stressed institutional support for youth-driven innovation. A key highlight was the release of the ICEST-25 Conference Proceedings of Abstracts by the Chief Guest.

Dr. Shareefraju J. Ukkund coordinated the certificate distribution, recognizing all participants. Though Dr. Ramis M. K., Chair of ICEST-25, and Managing Trustees couldn't attend, their strategic support was acknowledged.

The event concluded with a Vote of Thanks by Dr. Sharmila Kumari and the National Anthem, closing ICEST-25 on a proud and impactful note.

PACE CONCLAVE: ICEST-25 INAUGURATED
MAY 7, 2025

The International Conclave on Engineering Sciences and Technology (ICEST-25) was inaugurated on May 7, 2025, at P. A. College of Engineering, Mangalore, with great enthusiasm. Building on the legacy of ICEST-24, this year's conclave spans seven parallel conferences showcasing innovation, interdisciplinary research, and academic collaboration.

The event began with an invocation, followed by a welcome address by Dr. Shareefraju J. Ukkund, Convener of ICEST-25. Dr. Sharmila Kumari, Vice Principal and Chair of ICDR, highlighted the growth in participation with over 140 quality research papers submitted this year.

Chief Guest Dr. Subhash C. Yeragal (NITK Surathkal) encouraged the pursuit of excellence beyond adequacy. Keynote Speaker Dr. S. D. Sudarsan (Executive Director, C-DAC Bangalore) shared insights on national advancements in quantum computing, AI, and cybersecurity, urging academia to align with national missions.

Mr. Zubair Ibrahim, Managing Trustee of PAET, and Guests of Honor—Dr. Salimullah Khan (PACF) and Dr. Afeefa Saleem (PAIP)—commended the conclave's multidisciplinary spirit.

Dr. Ramis M. K., General Chair of ICEST-25 and Principal of PACE, was felicitated for his visionary leadership and reiterated the conclave's role in nurturing research and innovation. Dr. Sharmila Kumari was also honored for her pivotal role in organizing ICEST-25.

The inauguration concluded with a Vote of Thanks by Dr. Salman Warimani, Convener of MECH-TECH, expressing gratitude to all dignitaries, speakers, and participants for making ICEST-25 a success.

INVITED TALK ON "PLACEMENT BLUEPRINT & PERSONALITY ENHANCEMENT"   MAY 7, 2025

The Department of Computer Science (IoT & Cybersecurity including Blockchain Technology), in association with the ICSB Club, hosted an invited talk titled "Placement Blueprint & Personality Enhancement" on May 7, 2025, from 10:00 AM to 12:00 PM at the Seminar Hall.

Mr. Shoukat Kotwal, Co-founder and CEO of Innoovatum, delivered the session, offering actionable insights into placement strategies, technical and soft skill development, interview readiness, personality building, and market expectations. His practical tips and motivational tone created an engaging and interactive environment for students.

Attended by second and third-year students from CS (ICSB), CS, and AI & ML branches, the session was highly appreciated for its relevance and clarity in addressing placement concerns.

The event was coordinated by Ms. Meghashree and Ms. Thofa Aysha, with support from Dr. Shamna N. V., Head of Department. Student coordinators Amna Fathima L, Jishnu J P, Ameen Hussain Saheb, and Hafiz Anvar played a key role in the event's success.

As part of the program, winners of the previous IoT Challenge—Mohammed Raafi, Muhammad Haashid, Muhammad Afthab, Ibrahim Khan, and Shihabudeen—were felicitated for their innovative performance.

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PACE TALENTS DAY - REVELATION 25

REVELATION 25, the annual Talents Day of P. A. College of Engineering, was held on 9th and 10th May 2025, hosted by the Co-Scholastic Club. This two-day cultural extravaganza celebrated student creativity, skill, and collaboration across campus.

The event opened with vibrant group dance performances, followed by soulful singing contests, both solo and group, captivating the audience. A major attraction was the Motor Show, featuring customized bikes and cars, blending innovation and aesthetic appeal.

The highlight of REVELATION 25 was the Live Music Show by final-year batch ENIGMA'25, featuring rapper Gabri and his team. Their electrifying performance lit up the evening, blending farewell emotions with high-energy entertainment.

Students also showcased their artistic flair in events like painting, sketching, pookkalam, mehndi, and fruit carving, while debate, mime, photography, videography, and cooking without fire tested diverse talents.

Winners were announced by Prof. Ismail Shaffi, Co-Scholastic Activities Coordinator, and felicitated by Dr. Palakshappa, HOD of Civil Engineering.

The event's success was credited to CAC coordinators Prof. Kavyashree, Prof. Shabeeba V, Prof. Ankita Bekal, Prof. Afsar, Prof. Thofa, Prof. Vittal Bhat, Prof. Sowmya Shetty, and Prof. Razeena, under the guidance of Prof. Ismail Shaffi, for their seamless coordination and dedication.

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Karnataka 574199, India
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INNOV8TRIX X HACKSUMMIT'25: A NATIONAL-LEVEL TECH SHOWCASE OF INNOVATION AND EXCELLENCE

MAY 12, 2025 - MAY 16, 2025
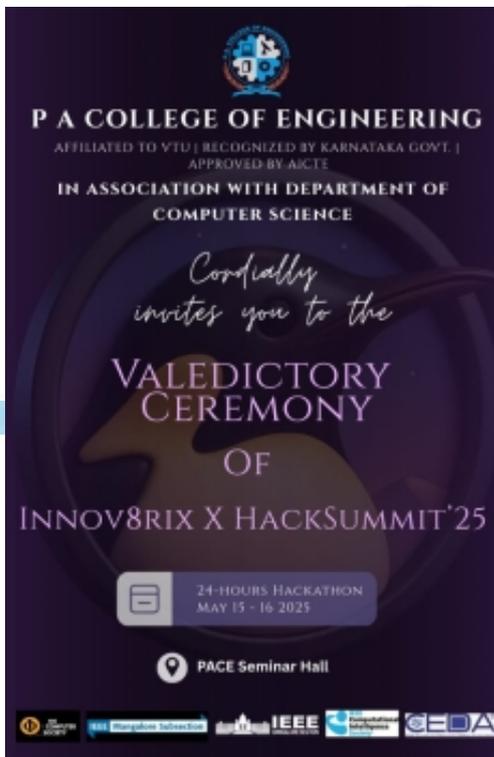
The Department of Computer Science and Engineering at P.A. College of Engineering, in collaboration with GLUG-PACE, hosted the five-day Innov8trix X HackSummit'25 from May 12–16, 2025. Powered by GD Edu Tech and sponsored by InlighnX Global, Bugcrowd, and IEEE, the event brought together 45 teams from top institutions across Karnataka.

Innov8trix (May 12–14)

The first three days featured 15 technical events including paper presentations, coding contests, quizzes, debates, mock interviews, and gaming tournaments. These competitions encouraged critical thinking, collaboration, and hands-on tech engagement.

The summit was inaugurated in the presence of Mr. Abdulla Ibrahim (Managing Trustee, PAET), Mr. Siddiq Akbar (MD, Gee Dee Ventures) as Chief Guest, along with Mr. Ibrahim Khaleel Hashim (CEO, GD Edu Tech), Mr. Sharfuddin P.K., and Dr. Sayyad Ameen. The event was presided over by Dr. Ramis M. K., Principal of PACE, and coordinated by Dr. Mohammed Hafeez M. K., with Mr. Bilal (8CSE) leading GLUG-PACE.

HackSummit'25 (May 15–16)

PACE hosted its first 24-hour national-level hackathon, where teams tackled real-world problems under intense deadlines. The hackathon included:

- Idea Pitching
- Mid-Hack Review
- Final Prototype Presentation

INVITED TALK ON "FROM CLASSROOM TO CAREER – THE POWER OF GAMIFICATION IN EDUCATION"

MAY 12, 2025

The Department of Computer Science (IoT, Cybersecurity including Blockchain Technology), in association with the ICSB Club, organized an invited talk titled "From Classroom to Career – The Power of Gamification in Education" on 12th May 2025 at the Seminar Hall.

Mr. Ragesh Raju, Assistant Professor and Technology Trainer at MITE, led the engaging, activity-based session. Through ice-breakers, quizzes, and puzzle challenges, students explored how gamification boosts learning, teamwork, and career readiness.

The session, attended by second-year CSE (ICSB) students, was coordinated by Ms. Meghashree and Ms. Thofa Aysha, under the guidance of Dr. Shamna N. V., HoD. It successfully highlighted how interactive learning fosters adaptability and professional growth.

KAUSHAL 25 VALEDICTORY CEREMONY

MAY 12, 2025

The valedictory of Kaushal 25 – Project Competition & Expo was held on 12th May 2025 at P.A. College of Engineering, under the ISTE PACE Chapter in association with IEI, IEEE, and ASME Student Chapters. The event featured 69 final-year project teams from six engineering branches—EC, Mechanical, Biotechnology, Civil, CS, and AIML—presenting innovative solutions evaluated by external experts from academia and startups.

Dr. Sharada Shenoy, Professor & Head, AI/ML, NMAMIT Nitte, served as Chief Guest and emphasized the importance of continual skill enhancement and staying abreast with emerging technologies. Principal Dr. Ramis M. K. reiterated the need for being future-ready and felicitated the chief guest.

The best projects from each department received First and Second Prizes, recognizing innovation and technical merit.

The program was hosted by Prof. Fathimath Raihan and organized by Dr. Praveen Suvarna, Mr. Afsar Baig, Dr. Shahabaz S M, Mrs. Rugmitha, Mrs. Sakeena, and Mrs. Shainy Mathew.

"The Department of Computer Science and Engineering, in collaboration with the Embed Club, hosted "Edge Detect", a deep learning-based object detection mini project competition using ESP32-CAM on 13th May 2025, for second-year CSE students. Thirty teams showcased innovative object detection projects, evaluated by Mr. Hashir Abdullah, PACE alumnus and Software Engineer, Dept. of Finance, Government of Ajman, UAE.

The event concluded with the Embed Club's annual valedictory for the academic year 2024–25. Club President Mohammed Aakif presented the annual report, followed by the felicitation of resource persons, event coordinators, and finalists of the ADC event. Mr. Aakif was also honored for his contributions to the club. Winners, runners-up, and third-place teams from "Edge Detect" were awarded prizes.

The program was presided over by Principal Dr. Ramis M.K., with Dr. Sharmila Kumari, Vice Principal and HOD of CSE, and Dr. Mohammed Hafeez in attendance. Prof. Habeeb Ur Rehman and Prof. Mohammed Saifuddin coordinated the event, with third-year CSE students managing logistics. Ms. Riza of third year CSE compered the event.

PACE DAY–2025: ANNUAL DAY CELEBRATION   MAY 14, 2025

The Annual Day celebration of P.A. College of Engineering, PACE Day–2025, was held on 14th May 2025 at the college auditorium with vibrant participation and enthusiasm.

The event was presided over by Principal Dr. Ramis M.K., who presented the Annual Report, highlighting key academic milestones, student achievements, and institutional progress for the academic year 2024–25. The Chief Guest, Mr. Vivek Alva, Managing Trustee, inspired students to focus on self-improvement, skill development, and competing with oneself for true success.

Guests of Honour included:
Dr. Abdul Rahiman M, Adviser, PAET
Mr. Sharfuddin, AGM, PAET Campus
Dr. Surfraz J. Hasim, Principal, PA First Grade College
Dr. Saleemulla Khan, Principal, PA Pharmacy College
Dr. Hafeefa Saleem, Principal, PA Institute of Physiotherapy
Dr. Sayyed Ameen Ahmed, Dean of Student Affairs
Mr. Haris T.D, Purchase Manager

The event began with a prayer by Mr. Fadil and a welcome address by Dr. Sharmila Kumari, Vice Principal. A key highlight was the felicitation of academic toppers, national-level achievers, and the PACE Cultural Team for their exceptional contributions.

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The event concluded with a Vote of Thanks by Dr. Shamna N. V., HoD, IoT Dept. The celebration was successfully organized by Mr. Ismail Shaffi, Mr. Mohammad Saleem, Ms. Safa Sanah, and Dr. Iqbal.

The program was elegantly compered by Ms. Fathimath Raihan and Ms. Shabeeba, ensuring smooth proceedings throughout.

"AGRIMED TECH – INNOVATING AGRICULTURE & HEALTH" - MINI PROJECT EXHIBITION AND COMPETITION BY 2ND YEAR EC STUDENTS   MAY 15, 2025

The Department of Electronics and Communication at P. A. College of Engineering, Mangalore, hosted a mini project exhibition and competition titled "AgriMed Tech – Innovating Agriculture & Health" on 15th May 2025 in the Hardware Lab. The event showcased 15 Arduino-based projects developed by second-year EC students, focusing on impactful innovations in healthcare and agriculture.

Dr. Asif Hassan, HoD, EC Department, commended the students for their technical creativity and real-world problem-solving. The projects were evaluated by Dr. Asia Hazareena (EC) and Prof. Mohammed Saifuddeen (CS), who provided constructive feedback. The event was coordinated by Prof. Mohammed Saleem and successfully highlighted student innovation, interdisciplinary collaboration, and application of technology for societal benefit.
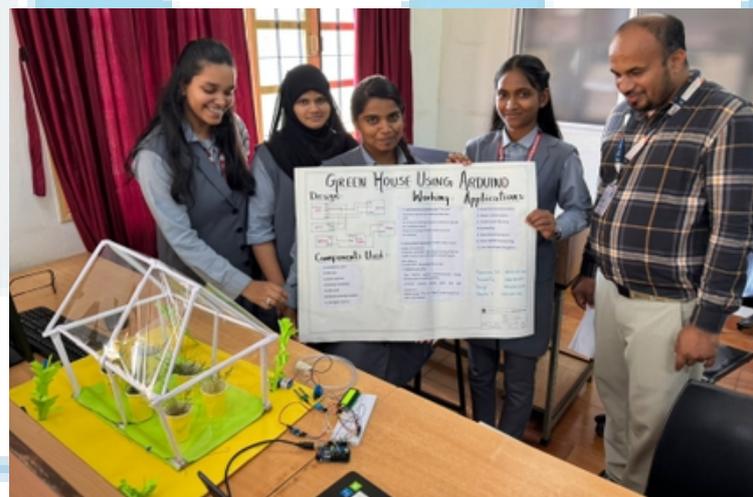
Projects included:
Smart Irrigation System
Smart Glass for Visually Impaired
Dry and Waste Segregation System
Fall Detection System
Pulse Oximeter
Hand Gesture Controlled Wheelchair
Smart Stethoscope
Food Spoilage Detection System

WORLD ENVIRONMENT DAY CELEBRATION CELEBRATED AT PACE

The Department of Civil Engineering, in association with FESA, observed World Environment Day on June 5, 2025, at PACE Campus, Mangalore, centered on the theme "Beat Plastic Pollution." The event focused on raising awareness about plastic's environmental impact and promoting sustainable living.

Dr. Palakshappa K, HoD, Civil, delivered an insightful talk on reducing plastic use and achieving sustainability goals. Prof. Pujar introduced participants to the benefits of medicinal and aromatic plants.

A campus cleaning and sapling plantation drive followed, with over 70 students and faculty planting species like Pterocarpus marsupium (Indian Kino Tree) and Beech Tree. Vice Principal Dr. Sharmila Kumari graced the occasion, encouraging students to care for the environment.

The event, coordinated by Prof. Chethan K, successfully promoted environmental awareness and collective responsibility towards a greener future.

INVESTOR AWARENESS PROGRAM CONDUCTED AT CMSR

JUN 10, 2025

The Centre for Management Studies & Research (CMSR) at P.A. College of Engineering, in collaboration with HSBC Mutual Fund, conducted an Investor Awareness Program on 10th June 2025.

Mr. Arjun Prakash, a trainer from HSBC Mutual Fund, led the session, focusing on financial planning, goal-based investing, Systematic Investment Plans (SIPs), and the power of compounding.

The interactive session saw active participation from MBA students, equipping them with practical insights to make informed financial decisions. The program was a valuable initiative toward enhancing financial literacy among future business leaders.

PLANTATION DRIVE AT PACE CAMPUS

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The NSS Unit of P. A. College of Engineering, in collaboration with the Environment Cell and Youth Red Cross Cell, conducted a Plantation Drive on June 19, 2025, to raise awareness on environmental conservation and climate action.

The event began with a welcome address by Prof. John Valder, NSS Coordinator. Mr. Rafiq Pajeer, President of Pajeeru Panchayath, Ullal, served as the chief guest and emphasized the need for grassroots environmental action.

Saplings were planted across the campus by Mr. Rafiq, faculty members, and department heads, symbolizing a collective commitment to sustainability. Prof. C.V. Pujar, Coordinator of the Environment Cell, along with faculty, played an active role in the drive, making the initiative a meaningful step toward a greener campus.

PLACEMENT ORIENTATION PROGRAMME AND PRE-PLACEMENT ASSESSMENT TEST

JUL 12, 2025

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PACE Conducts Placement Orientation & Pre-placement Assessment for Career Readiness

The Training and Placement Cell of P.A. College of Engineering organized a Placement Orientation Programme followed by Pre-placement Assessment Tests on July 12, 2025, to enhance student preparedness for upcoming recruitment drives.

Held under the guidance of Principal Dr. Ramis M.K., the programme began with a welcome by Ms. Mariyam Hanan (Placement Executive), followed by a preamble by Mr. Mohammad Hussain (Training & Placement Officer), who emphasized the importance of proactive career planning.

Dr. Ramis M.K. addressed students on aligning academic excellence with industry expectations. Mr. Mohammed Faizal, Head of CPOD, motivated students to build resilience and pursue continuous growth. Vice Principal Dr. Sharmila Kumari stressed the importance of collaboration between students, faculty, and the placement cell.

The Orientation was followed by a Pre-placement Assessment Test for 177 students, conducted across computer labs. The test featured Aptitude and Coding sections, helping benchmark student readiness and identify areas for improvement.

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Faculty and technical staff from various departments provided logistical support, ensuring smooth execution. The initiative, strategically guided by the Principal, marked a critical step in PACE's ongoing efforts to boost student employability.

TWO WEEKS PLACEMENT ENHANCEMENT PROGRAM CONCLUDES
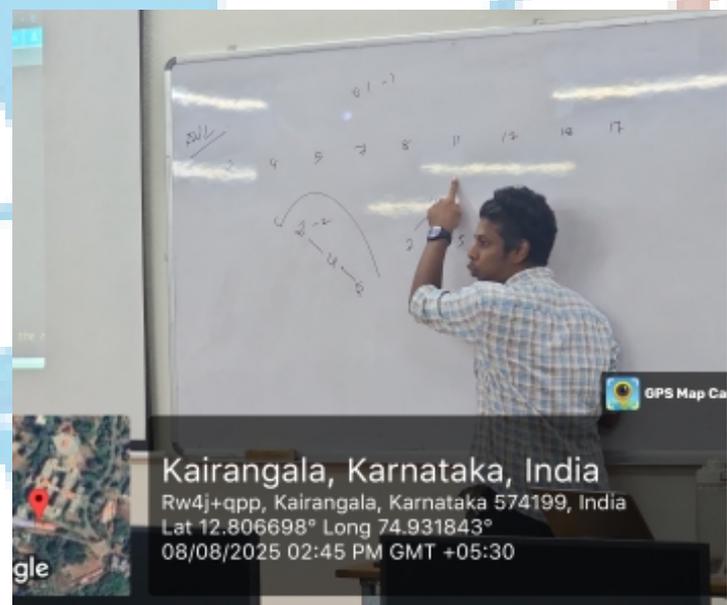## JUL 28, 2025 - AUG 9, 2025

A two-week Placement Enhancement Training Program was held from July 28 to August 9, 2025, benefiting 114 meritorious students from CSE, ECE, AIML, and ME departments. The students were shortlisted based on academic performance and a pre-assessment test conducted on July 12, 2025.

Based on results, they were divided into two batches for aptitude and technical training. The program was organized in collaboration with Keyme Educom Services LLP, Mumbai, a training partner specializing in campus placement readiness.

Aptitude sessions, conducted in Lecture Hall F-06 by Mr. Dinakarn and Mr. John Paul, covered Quantitative Aptitude, Logical Reasoning, Verbal Ability, and Soft Skills. Simultaneously, technical training in Computer Centre 2 was delivered by Mr. Britto Anand, Placement Trainer and Azure Certified Professional, covering both foundational and advanced topics.

Strict attendance was maintained, and daily feedback through Google Forms ensured smooth coordination. A final assessment was held on August 9 in Computer Centres 2 and 3, followed by a valedictory program in the Seminar Hall.

The event was attended by Principal Dr. Ramis M. K, Vice Principal Dr. Sharmila Kumari, TPO Mr. Mohammad Hussain K, and Head of CPOD Mr. Mohammed Faizal, who shared insights and suggestions. The program was effectively planned and executed under the leadership of Mr. Mohammad Hussain K, supported by Ms. Mariyam Hanan and the guidance of the College Management.

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The Graduation Day ceremony of P. A. College of Engineering was held on 29th July 2025 under the patronage of Mr. Abdulla Ibrahim, Managing Trustee of PA Educational Trust.

The event began with an invocation by Izzuddin Kousari, followed by a welcome address from Prof. Ismail Shaffi, HOD Physics and Coscholastic Activity Coordinator. Guests were welcomed with saplings.

The Chief Guest, Dr. B. E. Rangaswamy, Registrar of VTU, Belagavi, delivered a speech on education as a lifelong process and urged students to maintain a thirst for knowledge. Distinguished Guests included Dr. M. Abdul Rahiman, Former Vice Chancellor of Kannur and Calicut Universities, who stressed ethical leadership, and Mr. Khadeer Peer Sheriff, Managing Director of Siraj Holding International LLC, Dubai, who shared motivational insights from his entrepreneurial career. Guests of Honour, Mr. Abdul Latheef Ibrahim and Mr. Ahmed Kutty, Director of Finance, also extended their best wishes.

Principal Dr. Ramis M. K administered the oath and addressed the gathering, appreciating the achievements of the graduates and the support of faculty and parents. Managing Trustee Mr. Abdulla Ibrahim and Trustee Mr. Latheef Ibrahim also congratulated the students.

The highlight of the day was the felicitation of academic toppers and best outgoing students with mementos and certificates. All graduates were honoured during the ceremony, receiving applause from faculty, peers, and parents.

The event was smoothly compered by Ms. Fathimath Raihan and Dr. Shahabaz. It concluded with a vote of thanks by Vice Principal Dr. Sharmila Kumari, followed by a photo session and lunch for all attendees.

World Environment Day

"ENGINEERS: THE ARCHITECTS OF PROGRESS, THE BUILDERS OF TOMORROW"

-Sujoy Brahmachari, CIO and CISO at Rosmerta Technologies Ltd.

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