PAAVAI
EDUCATIONAL INSTITUTIONS
Think Education... Think Paavai.
NH-44, Paavai Nagar, Pachal, Namakkal - 637 018

PAAVAI VOICE

DECEMBER - 2025

A MONTHLY BULLETIN

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Chairman's message

Dear parents and students!

Greetings from your Chairman

Education thrives when knowledge, innovation, culture and character come together in harmony. Our institution remains steadfast in its mission to nurture technically competent, socially responsible, and ethically grounded individuals who are prepared to face the demands of a rapidly evolving world.

Techfinix, our technical symposium, stands as a platform for young innovators to showcase their creativity, analytical thinking, and problem-solving skills. Such events foster research culture, teamwork, and technological excellence, enabling students to transform ideas into impactful solutions and prepare themselves for future technological challenges.

Graduation Day marks a significant milestone in the academic journey of our students. It is a moment of pride, reflection, and responsibility, where years of learning culminate in new beginnings. I congratulate all the graduating polytechnic students and urge them to uphold integrity, dedication, and lifelong learning as they step into professional and social roles. As we celebrate Bharathiyar's Birthday, PASCW proudly remembers the visionary poet whose thoughts ignited the spirit of freedom, equality, and empowerment. His ideals continue to inspire our students to think boldly, act fearlessly, and contribute meaningfully to society, reminding us that education must shape not only the intellect but also the soul.

Internships play a vital role in bridging academic learning with real-world experience. By engaging in industry-oriented internships, our students gain practical exposure, professional confidence, and career clarity. These opportunities equip them with skills essential for employability and leadership in a competitive global environment.

Education is the most powerful instrument for shaping responsible individuals and a progressive society. Our institution stands committed to nurturing young minds with not only academic excellence but also strong values, ethical integrity, and social responsibility. We believe in empowering students with knowledge, skills, and confidence to meet global challenges while remaining rooted in cultural and moral foundations. Through dedicated faculty, innovative teaching, and a student-centered approach, we strive to create an environment where learning inspires leadership, creativity, and lifelong growth. I extend my best wishes to all students, faculty, and stakeholders as we continue our journey towards excellence and meaningful contribution to the nation

I extend my heartfelt appreciation to the faculty, students, parents, and industry partners for their continuous support and cooperation. Together, let us continue to build an institution that stands for excellence, innovation, cultural pride, and social commitment.

With best wishes for continued success.

Warm regards,

Chairman

Women Empowerment Series - XXX

கலி அழிப்பது பெண் அறமடா

The Women Empowerment Series - XXX, titled 'கலி அழிப்பது பெண் அறமடா', was organised on 12.12.25 at Dhiram Hall, Pavai Arts and Science College for Women, Anaipalayam, with the aim of emphasising the importance of women empowerment in contemporary society. The programme began with a prayer song, followed by the Tamil Thai Vazhthu, creating a dignified and cultural ambience. Ms. S. Hemalatha, III BCA student, delivered the Welcome Address.

The chief guest, Mrs. Theivaanai, a Pattimandram Speaker, was honoured with a memento and shawl. The Presidential Address was delivered by Shri CA. N. V. Natarajan, Chairman and Founder of Paavai Educational Institutions, who highlighted the significance of women empowerment and stressed the crucial role of women in social and national development.

The Chief Guest Introduction was given by Ms. A. Ashmita, III Computer Science. In her address, the chief guest, Mrs. Theivaanai, Pattimandra speaker, Chennai, spoke elaborately on women empowerment and highlighted the invaluable gifts of college life, particularly friendship, which plays a vital role in shaping character and confidence. She emphasized that women hold a high and respected position in society, as envisioned by great leaders and thinkers. She also referred to the visionary thoughts of Dr. A. P. J. Abdul Kalam and elaborated on the writings of Mahakavi Bharathiyar, which portray women as symbols of strength, wisdom and freedom.

The Felicitation Address was delivered by Smt. N. Mangai Natarajan, Correspondent of Paavai Educational Institutions. She highlighted the institution's continuous efforts in empowering women through such meaningful programmes. The programme concluded with a Vote of Thanks proposed by Ms. M. S. Mounika, II AICDS, expressing heartfelt gratitude to all the dignitaries and participants. The event ended with the National Anthem, marking the successful conclusion of the programme.

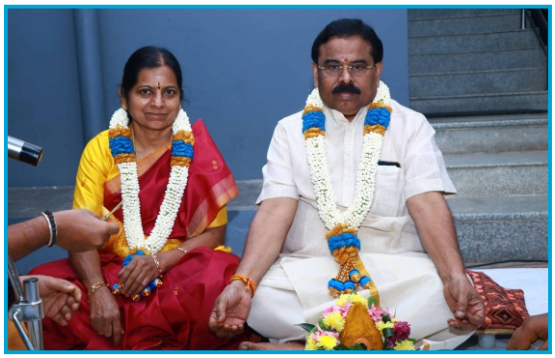
143rd Anniversary of Subramania Bharathiyar

The 143rd Birth Anniversary of the National Poet Subramania Bharathiyar was celebrated with great enthusiasm at Paavai Arts and Science College, Anaipalayam on 12.12.25. The event was held at the Madhuram Open Hall. It began with a prayer song, followed by the Tamil Thai Vazhthu. Ms. A. Asmitha, III B.C.A student, delivered the welcome address. Shri CA. N. V. Natarajan, Founder and Chairman of Paavai Educational Institutions, Smt. Mangai Natarajan, Correspondent and Dr. M. Revathi, Principal, graced the occasion and presided over the ceremony.

A variety of cultural events were presented by the students, including melodious singing, vibrant dance performances, a Tamil drama, and a thought-provoking Pattimandram. The Chairman honored the best performer in the drama category with a cash award. In his address, he praised the talent displayed by the students, highlighted key takeaways from their performances, and encouraged them to continue striving for excellence.

The Chairman also spoke about the significance of Bharathiyar's contributions to literature, freedom, and women's empowerment. Faculty members actively coordinated the events and ensured the smooth conduct of the programme. Students participated with great enthusiasm and showcased their creativity, making the event memorable. Their involvement reflected a deep appreciation for Bharathiyar's enduring legacy. The celebration concluded with a Vote of Thanks proposed by Ms. C. Hemapriya, III B.C.A. student, followed by the National Anthem.

Temple Anniversary Celebrations'25



Internships ot Dhevakone Enterprises

On 17.12.2025, third-year students of Paavai Polytechnic College from the department of Agriculture Engineering are taking up internships at Dhevakane Enterprises. The internship provided hands-on exposure to automotive engineering, workshop operations and modern manufacturing practices. During the internship, the students gained practical experience in areas such as vehicle assembly, maintenance, quality checks and customer service processes.

The program offered an opportunity to understand real-world applications of mechanical engineering concepts and enhanced the student's technical skills, problem-solving abilities, and professional development. Paavai Polytechnic College students from the Agriculture Department appreciate the support of Dhevakane Enterprises in providing an enriching learning environment and practical training, which contributes significantly to the students' academic and career growth.

Thought for the day

A journey of a thousand miles begins with a single step.

Meaning: Big accomplishments start with small efforts.

e.g. She started her business with just one client, proving that a journey of a thousand miles begins with a single step.

Graduation Day'25 - PPC

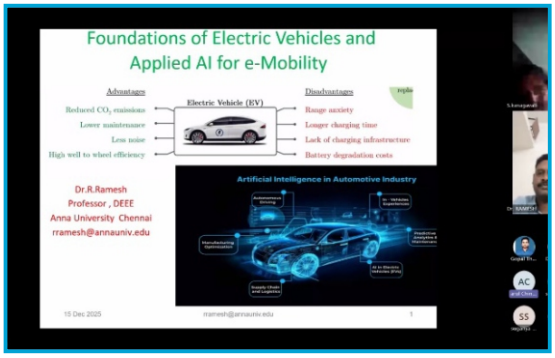
On 27.12.2025, Paavai Polytechnic College, PPC proudly celebrated the Diploma Graduation Day for its graduating students. The event marked a significant milestone in the academic journey of the students, recognizing their dedication, hard work and achievements throughout their course of study. The graduation ceremony was attended by faculty members, administrative staff, students and distinguished guests.

The event commenced with a warm welcome address, followed by speeches highlighting the importance of technical education, professional excellence, and lifelong learning. During the ceremony, graduating students were honored with their diplomas, symbolising the successful completion of their programs. The event also recognised academic achievers, outstanding performers, and students who demonstrated exemplary commitment in co-curricular and extracurricular activities.

The Diploma Graduation Day concluded with heartfelt congratulations from the faculty members. The students expressed their gratitude for the guidance, mentorship, and support received during their time at PPC. This memorable occasion reflects PPC's continuous dedication to academic excellence, professional development and the celebration of student achievements, marking another proud chapter in the institution's journey.

Faculty Development programme

The Department of Electrical and Electronics Engineering, Paavai Engineering College, organised a Virtual Faculty Development Programme titled 'Intelligent Electric Mobility: AI-Driven Technologies for Next-Generation EVs' from 15.12.25 to 19.12.25. The five-day programme aimed to enhance faculty knowledge and expertise in emerging electric mobility technologies, with a strong focus on artificial intelligence applications in electric vehicles. The programme commenced with a welcome address delivered by Dr. S. Suganya, Assistant Professor, EEE. The chief guests and resource persons for the sessions were introduced by Mr. R. Satheeshkumar, AP, EEE and Dr. C. Arulkumar, AP, EEE over the course of the programme.



On 15.12.2025, Resource Person: Dr. R. Ramesh, Professor, Department of EEE, College of Engineering Guindy (CEG), Anna University, Chennai spokes on the Foundations of Electric Vehicles and Applied AI for e-Mobility. The session introduced the fundamental architecture of electric vehicles, including electric powertrain components, batteries, power electronics interfaces, charging infrastructure, and vehicle control concepts. The resource person provided an overview of the e-mobility ecosystem, highlighting recent technology trends, policy initiatives, and the increasing role of EVs in sustainable transportation systems. infrastructure and vehicle control concepts. On 16.12.25, Dr.R.Kannadasan, Industry Expert, EV Powertrain and High-Voltage Systems, TVS Motor Company, Hosur introduced the topic High Voltage Systems in Electric Vehicles. This session focused on the architecture of high-voltage systems in EVs, including traction battery packs, inverters, DC–DC converters, onboard chargers, and auxiliary systems. Key design parameters such as voltage levels, insulation coordination, creepage and clearance distances and safety standards were explained.

On 17.12.25 the reource person Mrs. A.M.Chitralegha, Senior Manager (MEP), Larsen & Toubro Ltd., Chennai was explained by Smart Charging, AI and Grid-Interactive EV Systems. The session covered smart EV charging concepts, including dynamic charging control based on grid conditions, electricity tariffs, and user demand. AI applications such as machine learning-based demand forecasting, charging optimisation, and predictive maintenance of charging infrastructure were discussed. The session highlighted methods to reduce charging costs, energy losses, and emissions while ensuring grid stability and user convenience. On 18.12.25 the resource person Dr.Ramkumar, R&D Specialist, Royal Enfield, Chennai Autonomous and Connected Electric Vehicles using AI. The session explained the role of AI in autonomous and connected electric vehicles. Topics included sensor fusion using cameras, radar, LiDAR, and IMU, AI-based perception models, trajectory planning, and control strategies.

On 19.12.25 the resource person: Dr.R.Krishnamoorthy, Power Systems Expert, Tamil Nadu Electricity Board (TNEB), Chennai was explained by AI-Based Fault Diagnosis and Predictive

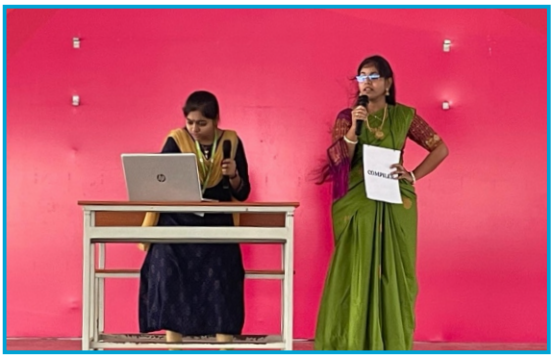
Maintenance in Electric Vehicles . The final session focused on common EV faults such as battery degradation, inverter failures, motor faults, and sensor errors. AI-based diagnostic techniques using supervised learning, deep learning, and hybrid models were explained. The FDP significantly enhanced participants' understanding of electric mobility systems, AI-based control, safety, smart charging, autonomous EVs, and predictive maintenance. Faculty members gained valuable insights into current industry practices and research directions, enabling them to incorporate advanced EV and AI concepts into teaching and research activities. The programme effectively bridged the gap between academia and industry, contributing to professional development in the rapidly evolving field of AI-driven electric mobility.

TECHTRONIX - Charles Babbaage's Birthday

The objective of the programme 'TECHTRONIX – Charles Babbage's Birthday Celebration' was to motivate students to enhance their skills in team building and coordination through active participation in various events held on 26.12.25. The programme aimed to boost students' confidence, positive attitude, creativity, and teamwork, while encouraging them to take initiative in organizing and managing departmental activities.

The event provided a platform for students to actively engage in a range of competitions such as Spell Bee, Puzzle Images, Guess the Word, Treasure Hunt, Short Path and Photography. These activities required students to think critically, explore multiple approaches and arrive at effective solutions, thereby strengthening their problem-solving and decision-making skills.

Overall, the programme successfully fostered enthusiasm, collaboration and a competitive spirit among the students, creating memorable learning experiences and inspiring them to actively participate in future departmental events.



Field Trip to Thanjavur

On 27.12.25 , the Department of Mathematics organised a field trip to Thanjavur, a city renowned for its historical significance and the mathematical brilliance of the Chola period. The trip offered a unique opportunity to explore the real-life application of mathematical concepts in ancient architecture and engineering. The visit began at 11:00 a.m. with the Brihadeeshwara Temple, built by Raja Raja Chola. This architectural marvel features a vimana that stands approximately 66 meters tall, constructed with precise geometric proportions.

A fascinating aspect observed was that the shadow of the tower does not fall on the ground at noon, demonstrating the Chola dynasty's advanced knowledge of angles and symmetry. The massive Nandi statue at the entrance also reflects accurate measurements and proportional design.At 1:00 p.m., students explored the Thanjavur Palace and the Chola Durbar Hall.

The intricate layout of the palace showcases symmetry, alignment and spatial planning. The Durbar Hall, in particular, reveals how mathematical precision contributed to architectural balance and effective administrative planning. The next visit was to Saraswathi Mahal Library at 2:00 p.m., one of Asia's oldest libraries. It houses a rich collection of ancient manuscripts related to mathematics, astronomy, and science, offering insights on how deeply mathematics was integrated into education and intellectual pursuits during ancient times.

The final destination was Kallanai (Grand Anicut) at 6:00 p.m., built by King Karikala Chola across the Cauvery River. Known as one of the world's oldest water-regulating structures, it highlights the use of mathematical concepts such as measurement, slope calculation, and flow control in civil engineering. This mathematics field trip to Thanjavur was both educational and inspiring, helping students appreciate how mathematics was applied practically in various domains from monumental architecture to irrigation and knowledge preservation during the Chola era.

Academic Events

Dept. of MBA, PEC, organised a guest lecture on 09.12.25 titled 'People-First Leadership: The Power of Servant Leadership in Today's Workplace'. The Presidential Address was delivered by Dr.M.Premkumar, Principal, PEC. The guest speaker was Dr. Arul Ramanatha Pillai, RA and AP, PG Dept. of Commerce (Computer Applications), St. Joseph's College (Autonomous), Tiruchy. He elaborated on the principles of people-first leadership and servant leadership, highlighting how prioritising empathy, trust and service can enhance employee engagement and organisational success.

Dept. of CS, PASCW organised a successful activity titled 'Cracking MAANG & Career Growth with AI' on 19.12.25. The chief guest, Mr. Jayasurya Gnanavel, Founder and CEO of Cybernaut EdTech Pvt Ltd., Karur. He explained the complete placement process in detail, covering resume preparation, recruitment stages, aptitude tests, coding rounds, group discussions, and interviews. He also provided valuable insights into resume building for MAANG and WITCH companies and elaborated on the recruitment procedures followed by leading organizations.

On 23.12.25, third-year students of DME, PPC successfully completed an internship at Aanaimalai Toyota, Mallur, Salem. The internship provided hands-on exposure to automotive engineering, workshop operations, and modern manufacturing practices. During the internship, the students gained practical experience in areas such as vehicle assembly, maintenance, quality checks and customer service processes.

Dept. of Chemical, PEC, organised a One Day FDP titled 'Hands on Training in Process Control Lab' on 24.12.25. The program aimed to enhance faculty members' practical knowledge and technical skills in process control. Technical and hands-on sessions were conducted by Dr. B. Murali Babu and Dr. G. Balaji, focusing on industrial controllers and real-time process control experiments. Participants gained practical exposure to P, PI, PD, and PID controllers for temperature, pressure, flow, and level control.

Social Sensitivity

Paavai Engineering College 25 NSS volunteers provided volunteership on 09.12.25 for Atthanoor Amman Kovil, Salem, Hundial amount counting.

Reverse Mentoring to Bridge Generational Gap

Reverse mentoring is a powerful concept that has gained traction recently as organizations recognize the need to bridge the generational gap in the workplace. With technology advancing rapidly and new ideas emerging constantly, it has become crucial for businesses to tap into the knowledge and expertise of their younger employees.

According to a survey, 75% of executives lack digital skills within their workforce is one of the most significant threats to their business. Seasoned leaders, while experienced and wise, can struggle to keep pace with rapidly evolving technologies and shifting cultural norms. Conversely, younger employees bring fresh perspectives, digital prowess and an innate understanding of emerging trends.

Reverse mentoring flips the traditional mentor-mentee dynamic, empowering younger employees to become mentors for their more senior counterparts. By bridging the gap and fostering two-way knowledge exchange, reverse mentoring enhances technical skills and nurtures a culture of mutual respect and collaboration.

What is reverse mentoring?

Reverse mentoring is a unique approach where younger and less experienced individuals mentor older and more experienced ones, often from different generations. Unlike traditional mentorship programs, where knowledge and guidance flow from the senior to the junior, reverse mentoring encourages a two-way exchange of skills, perspectives and knowledge.

For instance, there are different generations in the workplace, each with distinct characteristics that impact their digital capabilities and skills. These generations include:

- Baby boomers (born between 1946 and 1964)
- Generation X (1965 to 1980)
- Millennials (1981 to 2000)
- Generation Z (born after 2000)

Reverse mentoring allows older generations to learn valuable digital skills from younger ones. Baby boomers, Gen X, and even some millennials may need assistance navigating new software, social media platforms or digital communication tools. Being more tech-savvy, Generation Z can share their expertise, enabling older generations to bridge the digital skills gap.

The shift toward reverse mentoring is a response to recognizing that knowledge and skills are not solely dictated by age or experience. Most organizations now acknowledge that each generation brings unique strengths and perspectives and intergenerational collaboration can enhance overall skill development.

What are the benefits of reverse mentoring?

Reverse mentoring offers several significant benefits for both individuals and organizations. These benefits include:

Bridging the generational gap: Reverse mentoring breaks down the barriers that often separate different generations in the workplace. Younger employees bring fresh perspectives and tech-savviness. In return, seasoned professionals share their wealth of experience and wisdom.

Skills transfer: Younger employees might be well-versed in cutting-edge technologies or social media trends, which they can impart to older colleagues. In contrast, veteran employees can offer invaluable insights into complex problem-solving, leadership, and decision-making. This transfer of skills enriches the talent pool and empowers employees to be versatile and adaptable.

Innovation: When diverse perspectives collide, creativity thrives. Younger employees' fresh thinking and unconventional approaches challenge established norms, stimulating creativity in problem-solving and strategic planning. Seasoned employees, in turn, can provide context and

practicality to these ideas, helping to transform innovative concepts into actionable strategies.

Diversity and Inclusion: Through reverse mentoring, younger mentors can enlighten their older counterparts about current societal issues. In return, older mentors can share the history of the organization and the progress made towards diversity, instilling a sense of belonging and purpose among younger employees.

Succession planning: Seasoned executives can pass down their wisdom, guiding potential successors to navigate challenges and make informed decisions. Simultaneously, young mentors can offer insights into emerging trends and the expectations of future generations, enabling the organization to prepare for the dynamic landscape ahead.

Embracing an organization's diverse perspectives and experiences enriches its culture and equips it to adapt and excel in a rapidly changing world.

What are the challenges of reverse mentoring?

While reverse mentoring offers numerous benefits, it has its challenges. Some of the key challenges of this form of mentoring include:

Resistance to change by older generations: As we grow older, we tend to become set in our ways. Therefore, older generations may hesitate to embrace new ideas or technologies younger mentors introduce. These employees may have established ways of doing things and could feel uncomfortable deviating from their traditional approaches.

Power dynamics and hierarchies: In traditional settings, older individuals often hold positions of authority and respect. When they find themselves in the mentee role, it can be a humbling experience. On the other hand, younger employees may feel intimidated or hesitant to share their ideas freely.

Skill and knowledge gaps by younger generations: Younger generations bring fresh ideas and technological proficiency but may lack their older counterparts' extensive experience and wisdom. This creates a challenge in effectively bridging the skill and knowledge gaps between the two generations.

Time and resource constraints: Older and younger individuals are often busy with their own responsibilities and commitments. Finding the time to engage in meaningful mentoring relationships can be tricky. Reverse mentoring also requires adequate resources, such as training materials or technology platforms, to support learning.

Measuring the success of reverse mentoring: Assessing the impact and success of reverse mentoring can be difficult. Traditional performance metrics may not fully capture the benefits of this mentoring approach, which often involves intangible improvements in communication, collaboration and innovation.

Organisations can unlock the full potential of reverse mentoring by addressing these challenges head-on and fostering a culture of openness and respect. Many international organisation such as IBM, Heineken, General Electric and Unilever have implemented different types of reverse mentoring programs in their companies.

Source: https://www.aihr.com/blog/reverse-mentoring/

Students Journal Publications and Patents

Name of the Student with Dept	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
K.Deepak Kumar A.Mohamed Ismail D.Kathiravan MCTS, PEC	Patent	Solar Integrated Self-Generating Hybrid Vehicle for Eco-friendly Transportations	202541119526 A

Book Publications

Name of the Faculty with designation	Title of the Book	Name of the Publications	Reference No.
Dr.D.R.P Rajarathnam Prof-MCTS, PEC	Digital Twins and Smart Systems Powered by- IoT Integration	IIP Edited Book	IIPER 1766384907
Mrs.K.Sangeetha AP-CSE, PEC	Data Science with Machine Learning: Concepts, Applications and Challenges	Pencil Bitz Publications	ISBN :978-93-89911-90-9
Dr.H.Harikrishnan ASP-PT, PEC	Biomimetic and Bioinspired Materials: Design, Synthesis and Emerging Applications (Book)	Bioinspired Innovations in Energy Materials (Book Chapter)	ISBN :978-93-89911-90-9

Faculty Journal Publications and Patents

Name of the Faculty with designation	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
Dr.D.R.P Rajarathnam Prof-MCTS, PEC	Patent	Solar Integrated Self-Generating Hybrid Vehicle for Eco-friendly Transportations	202541119526 A
Dr.H.Harikrishnan ASP-PT, PEC	Energy Storage	Bioinspired Energy Materials: A Comprehensive Review of Advances in Photovoltaics, Storage, and Catalysis for Sustainable Energy Technologies	Volume: 7 Issue: 8 ISSN: 2578-4862
Dr.S.Sasikala ASP-CSE, PEC	Long Horizon Paleoclimate Forecasting using Ice Core Data	Toxicological and Environmental Chemistry	0277-2248
Dr.D.Banumathy HOD-CSE, PEC	Peer J Computer Science	Evaluation of Customised Adaptive Cardiovascular Activation Function with Deep Neural Networks for Myocardial Infarction Classification using ECG Image	Aper Accepted for Publication
Dr.R.Praveencumar HoD- PT, PEC	Journal of Rare cardiovascular diseases	Design and Synthesis of Curcumin Analogues with improved Anticancer efficacy	Volume: 5 Issue: 6 ISSN: 2299-3711
Dr.T.Krishnakumar HoD-Physics, PEC	Materials Science and Engineering	Preparation of Penta-twinned MoS_2@C Nanorods as a Bifunctional Electrocatalyst for Overall Water Splitting	B, Volume 325, March 2026, 119131, Index: SCI indexed and Q1 journal
B.Karthiga, AP-Civil, PEC B.Kiruthika, AP-Civil, PEC	Vaagai International Publishing House	Automation Systems in Smart and Green Buildings	B, Volume 325, March 2026, 119131, Index: SCI indexed and Q1 journal

Name of the Faculty with designation	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
S.Chandrakala AP-Cyber, PEC	IJIR	ZTrustChain: A Decentralized Zero Trust Framework for Adaptive AI Authentication Using Blockchain Synergy.	DOIs:10.2015/IJIRMF/202511014

Wall of Fame - NPTEL SWAYAM Awards
July - December 2025

Dr.C.K.MURALIDHARAN
Prof. Principal, PPSC
Golden Supremacy Award

Dr.R.ARAVIND
Prof - AERO, PEC
NPTEL Motivated Learner & Believer

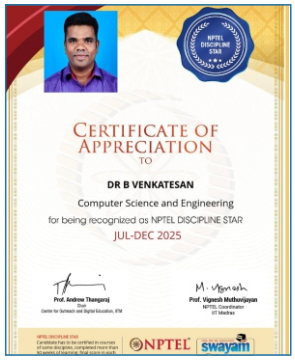
K.SHARMILADEVI
Prof - CIVIL, PEC
NPTEL Discipline Star

S.SOWDESHWARI
AP - CIVIL, PEC
NPTEL Believer Award

Dr.B.KAILASHKUMAR
Prof. - Agri, PEC
NPTEL Motivated Learner

Dr.T.PRAKASH
AP - PHY, PEC
NPTEL Discipline Star

J.VELUMANI
AP - CYBER, PEC
NPTEL Believer Award



Dr.K.VENKATESAN
Prof. - IT, PEC
NPTEL Discipline Star

M.BABYLATHA
AP - IT, PEC
NPTEL Discipline Star

Dr.M.RAJA
Prof. - CHEM, PEC
NPTEL Discipline Star

Poetry

The paddy field shines in the morning sun.
Green leaves move gently in the cool wind.
Farmers walk slowly between the rows,
Cutting the crop with care and happiness.

Birds fly around, singing softly.
The air smells fresh and natural.
Nature stands with us in every step,
As we harvest the paddy together.

- U.Karthikeya, AP-AGRI, PEC

Short Story

Grandma's Question

Dev was building an AI chatbot when his grandmother asked, 'Can it make tea?' He laughed and said, 'Not yet'. But her curiosity inspired him.
He later added a feature where the bot suggested recipes, including the perfect tea.
When she used it the next day, her smile made Dev realise that, 'Technology is more beautiful when it connects generations'.

- K.Sangeetha, AP-CSE, PEC

Riddles

'I store your thoughts in zeros and ones, guarding memories long after you're gone. Without me, programs forget their role, Who am I?'
Memory / RAM

- S.Kanmani, III-CSE, PEC

Alumni Testimonial

PAVAI ARTS AND SCIENCE COLLEGE FOR WOMEN

V.Y.FATHIYA FASMIN
B.Sc. CS, 2022 - 2025
Admin, Nulinz Technology Private Limited
Salem

I am V.Y. Farhiya Fasmin, a proud Alumna of the Department of Computer Science, Pavai Arts and Science College for Women - Batch : 2022–2025. I am presently associated with Nulinz Technology Private Limited in the role of Admin. I sincerely thank my faculty members for their constant support, encouragement and guidance throughout my college journey. The college management played a Significant Role in shaping my academic and professional skills by providing excellent training in Placements. I am wholeheartedly thankful to the faculty members and college Chairman for their invaluable mentorship and the strong foundation that helped me to establish my career.

PAAVAI COLLEGE OF ENGINEERING

K.E.DHARSHAN
B.E - MECH, 2019 - 2023
Tata Hitachi Construction Machinery Pvt, Ltd.
Dharwad

Mechanical engineering was my field of study. It was a great learning experience for me as a student at this college. Since I got support and feedback in addition to education, it enabled me to develop my abilities in a professional manner. My life was changed by my lecturers' unwavering support. I have gained a great deal of knowledge from my professors. They taught me morals and how to be persistent in life. Being a student at Paavai College of Engineering was an honour. It has given me the knowledge I need to establish a strong foundation for both my career and personal life.

PAAVAI ENGINEERING COLLEGE

R.LAKSHAYA
B.E - ECE, 2019 - 2023
EMS & EV Vendor for Samsung and Montra Engineer-
Supply Chain Management
Foxconn Hon Hai Technology India Mega Development Pvt, Ltd.

Paavai Engineering College was more than just a place of education for me, it was the foundation where my professional mindset was shaped. As a student of Electronics and Communication Engineering, my journey at Paavai was filled with learning, discipline and growth. The structured academic curriculum, supportive faculty and hands-on laboratory sessions helped me build strong fundamentals in core electronics. Alongside academics, the college environment encouraged participation in technical workshops, seminars, cultural events and teamwork, which played a key role in developing confidence, communication skills and adaptability. Paavai Engineering College consistently emphasised practical exposure and industry readiness. Through regular training programs, projects and interactions with mentors, I learned the importance of applying theoretical knowledge to real-world problems. These experiences prepared me to understand how engineering concepts translate into large-scale industrial operations. After graduation, I began my professional journey in the Electronics Manufacturing Services (EMS) field, working as a trainee with a vendor supporting Samsung operations. This exposure introduced me to real-time manufacturing environments, process flow, quality standards and coordination between multiple stakeholders. It helped me understand how electronics products move from design to mass production. Currently, I am working as an Engineer in Supply Chain Management at Foxconn Hon Hai Technology India Mega Development Pvt. Ltd. In this role, I have gained valuable insight into demand planning, vendor coordination, inventory control and end-to-end supply chain operations. The EMS field plays a critical role in the electronics industry and understanding it is essential for every engineer, especially those from core branches. It bridges technical knowledge with large-scale execution, ensuring efficiency, quality and timely delivery. While core engineering knowledge is always important, exposure to EMS and supply chain operations adds significant value by providing a holistic view of how products are built, managed and delivered globally. This combination of core technical skills and industry operations creates strong, versatile professionals. To my juniors at PEC: focus on your core subjects, stay curious and be open to learning beyond textbooks. The knowledge and discipline you gain here will guide you throughout your career. Use your time wisely, build strong fundamentals and step confidently into the industry.

English Grove

SCHOLARLY WORDS

Impeccable (adj) - perfect; without flaws
e.g. The behaviour of students was impeccable.

Ubiquitous (adj) - present everywhere
e.g. Smartphones are ubiquitous today.

Ephemeral (adj) - lasting for a very short time
e.g. Fame is often ephemeral.

Magnanimous (adj) - generous and forgiving
e.g. He was magnanimous despite criticism.

Pragmatic (adj) - practical and realistic
e.g. We need a pragmatic approach.

Tenacious (adj) - persistent and determined
e.g. Her tenacious efforts paid off.

Fastidious (adj) - very careful about details
e.g. She is fastidious in her work.

Perspicacious (adj) - having keen insight
e.g. The perspicacious student noticed the flaw.

Prolific (adj) - producing much work
e.g. He is a prolific writer.

Didactic (adj) - intended to teach
e.g. The story has a didactic tone.

Alacrity (n) - cheerful readiness
e.g. She accepted the duty with alacrity.

Taciturn (adj) - quiet and reserved
e.g. He is taciturn by nature.

Ambiguous (adj) - having more than one meaning
e.g. The ending is ambiguous.

Plausible (adj) - reasonable or believable
e.g. His excuse sounded plausible.

Inevitable (adj) - certain to happen
e.g. Change is inevitable in life.

Assiduous (adj) - showing great care and perseverance
e.g. Her assiduous preparation led to success.

Enigmatic (adj) - mysterious and difficult to understand
e.g. The artist's smile was enigmatic.

Paradoxical (adj) - seemingly contradictory but true
e.g. Failure can be paradoxical, it often leads to growth.

Paavai In Press

பாவை கல்வி நிறுவனங்களில் பாரதியார் பிறந்த நாள் விழா

PAAVAI

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விருது பெற்ற தமிழ் அறிஞர்களுடன் கல்லூரி நிர்வாகிகள், தமிழ் மன்றத்தினர்.

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