



PAAVAI

EDUCATIONAL INSTITUTIONS

Think Education... Think Paavai.

NH-44, Paavai Nagar, Pachal, Namakkal - 637 018

PAAVAI VOICE

SEPTEMBER - 2025

A MONTHLY BULLETIN

Editorial Board:

Chief Patron	:	CA N.V. Natarajan, Founder & Chairman, Paavai Institutions
Patron	:	Smt. Mangai Natarajan, Correspondent
Publisher	:	Dr. K.K Ramasamy, Director-Administration
Editor-in-chief	:	Dr. M. Premkumar, Principal, PEC
Advisors	:	All Principals & Deans

Staff - Editorial Board:

Dr. R. Shanthi, Professor & Head, Department of English, PEC
Dr. V. Subburam, Professor, Department of Mechanical Engineering, PEC
Dr. V.Kumaran, Associate Professor, Department of English, PEC
Ms. R. Saranya, Associate Professor, Department of English, PEC
Dr. M.Tamilselvi, Assistant Professor, Department of English, PEC



Chairman's message

Dear parents and students!

Greetings from your Chairman

It gives me immense pleasure to witness the vibrant spirit and active participation of our students in the various events, organised across Paavai Institutions. Each occasion reflects our unwavering commitment to holistic education, nurturing not only intellectual excellence but also physical, moral, and cultural development.

I am happy to share that Paavai Engineering College has once again etched its name in history by being crowned the Overall Champion of Champions among 434 engineering colleges across Tamil Nadu for the ninth consecutive year. This remarkable achievement is not merely a reflection of our students' consistent victories but a testament to the institution's enduring commitment to excellence, discipline, and holistic development. The Ceremony serves as a grand celebration of this glorious accomplishment, bringing together the collective spirit of determination, teamwork, and perseverance that defines Paavai. It is an occasion that recognizes the hard work, dedication, and relentless pursuit of success by our talented athletes and their mentors, who have upheld the true essence of sportsmanship year after year.

The CII IWN Campus to Career programme further strengthened the bond with industry and offered valuable insights and skill enhancing sessions. It was a proud moment to see the students engaging actively and gaining perspectives that would empower them to navigate in their career journey. PASCW, through the Women Empowerment Series, reaffirms the dedication to fostering confidence and leadership among young women. These sessions have served as a platform for learning and self-realization, inspiring our students to rise above challenges and emerge as empowered individuals who will make meaningful contributions to society.

The celebration of Teachers' day at Paavai Institutions was a moment of immense pride and gratitude. It was a day dedicated to honouring the noble profession for shaping the generations and building the foundation of the society. I was deeply touched to witness our students having expressed their heartfelt appreciation towards their mentors through cultural programmes, speeches, and creative performances. Teachers are the guiding force of Paavai, leading students not only towards academic excellence but also towards moral and personal growth.

The first-year Inauguration marked a new beginning for our freshers as they stepped into the Paavai family. I was deeply pleased to see their enthusiasm and eagerness to learn. I urge every student to uphold the values of discipline, diligence, and dedication that define Paavai. The Navarathri Celebrations brought together the students and the faculty in an atmosphere of devotion and cultural unity. The traditional 'Golu' displayed, devotional performances, and festive gatherings reflected the deep cultural roots and spiritual harmony that enriched our campus life. The Onam Celebration at Paavai added colour and cultural splendour to our campus. It was indeed a joyous occasion that brought together the students and the faculty in the true spirit of unity and harmony.

My dear students, education is not only about gaining knowledge but about building character, confidence, and compassion. Strive for excellence in every endeavour and face challenges with courage and determination. Be disciplined, humble, and responsible in all your actions. Make the best use of every opportunity Paavai offers you to learn, grow, and serve. Remember, true success lies not in what you achieve for yourselves but in what you contribute to others and to the society. Together, let us continue to uphold the Paavai vision to enlighten minds, empower individuals and elevate humanity.

Warm regards,

Chairman

Paavai Engineering College Champion of Champions Trophy

Anna University Sports department organises yearly various sports competitions among engineering colleges to emphasise the importance of sports. For the academic year 2024-2025, sports competitions were conducted across a total of 19 zones in Tamil Nadu. In this regard, students of Paavai Engineering College participated in various sports competitions, securing first place at the 8th zone and first place in the State level, thereby securing the first place for the ninth consecutive year.

During the 2024-2025 academic year, zonal and state-level sports competitions were held among the affiliated colleges of Anna University. Paavai Engineering College secured the first place at the zonal level by scoring the highest score in various sports competitions. Additionally, the college participated in various state-level sports competitions, securing the first place at the state level as well.

An award ceremony was held at Anna University, Chennai, to honour the victorious athletes. In this event, the guest of honour was Khel Ratna and Arjuna Award Winner, Padma Shri Mr. Achanta Sharath, table tennis player presented the award, and CA.N.V.Natarajan, Chairman, Paavai Educational Institutions, received the Champion of Champions trophy along with Dr. M. Premkumar, Principal, Paavai Engineering College, and Mr. N. Santhanaraja, Director of Physical Education. The award ceremony was graced by Dr.J.Prakash, Registrar, Anna University, Chennai; Professor Dr.PT N Sridhar, N. Senthikumar, Head, Department of Physical Education, Anna University, Dr. P. Balakumaran, Secretary, and other members of Physical Education department were present.

It is noteworthy that Paavai Engineering College has consistently held the first place in the Anna University Sports Department ranking list for the ninth consecutive time. CA. N.V. Natarajan, Chairman, Paavai Educational Institutions, Correspondent Smt. Mangai Natarajan, Directors, Deans, Principals, Heads of Departments, and faculty members, extended their congratulations to Mr.N. Santhanaraja, Director of Physical Education, the trainers, and the winners.



Paavai Engineering College has secured the number one position in the Anna University Sports rankings for the ninth consecutive year!

CII IWN Campus to Career Launch

The two-day CII IWN Campus to Career Launch program was organised by Paavai Engineering College on 19&20.09.25. It was a highly enriching and engaging event aimed at empowering students through a series of insightful and skill-enhancing sessions. The inaugural session featured prominent speakers including Shri CA N.V. Natarajan, Founder & Chairman, Paavai Educational Institutions, who delivered the welcome address and emphasised the importance of bridging the gap between academia and industry through continuous skill development. Ms. Saelvizhi Balaji, Convener of CII-IWN Salem, highlighted the vision and initiatives of IWN in supporting women and youth in professional growth, while Ms. Uma Veeramani shed light on the impact of mentorship and the need for structured guidance in early career stages.

The first technical session, led by Mr. Vijay Sheshadri, focused to enhance personality & interpersonal skills, where students actively participated in exercises aimed at self-awareness, building emotional intelligence, and cultivating a growth mind-set, all essential for long-term career success. This was followed by a critical session on POSH (Prevention of Sexual Harassment), delivered by Mr. Harishankar Ethiraj of Lexposh, who educated participants on the legal framework, workplace rights, and the importance of fostering a culture of safety and mutual respect in professional settings. The interactive nature of this session helped students gain clarity on how organisations implement POSH policies and the role individuals play in upholding workplace ethics.

Day two commenced with an engaging session on Goal Setting, led by Ms. Mahalakshmi from Renault Nissan Technology & Business India. She introduced students to the SMART framework (Specific, Measurable, Achievable, Relevant, and Time-bound) and encouraged them to translate their ambitions into actionable plans. She also stressed the importance of adaptability and consistency in the face of evolving career landscapes. Following this, Ms. Rajeswari Natarajan, HR Head at Nippon Paint, conducted a dynamic workshop on Resume Building and Acing Interviews. She provided real-time examples of effective resumes, dos and don'ts for fresh graduates, and simulated interview scenarios to prepare students for real-world hiring processes.



The afternoon sessions began with Financial Wellness, conducted by Ms. Ratandeeep of Consulting & Beyond, who demystified the concepts of budgeting, saving, investment planning, and debt management. She emphasised the importance of financial literacy early in one's career to ensure long-term stability and independence. The final session on Personal Branding, presented by Ms. Vidhya Prabhu, inspired students to proactively craft their personal and professional image. She discussed the value of authenticity, the power of networking, and how digital platforms like LinkedIn can be used strategically to build visibility in one's field of interest.

Each session was thoughtfully designed to address key aspects of holistic development, blending technical knowledge with soft skills, workplace awareness, and self-leadership. The program concluded on a successful and inspiring note, with active participation, vibrant discussions, and valuable takeaways that will empower students to navigate their academic and career journeys with clarity, confidence, and purpose.



National Anti-drug Rally - Paavai College of Engineering

The National Anti-Drug Rally, was organized by Paavai College of Engineering under the auspices of the National Service Scheme (NSS) and Youth Red Cross (YRC) on 16.09.25. The event aimed to raise awareness about the dangers of drug abuse and promote a drug-free society. The rally was initiated with great enthusiasm by the college management and NSS team, with the active participation of students and staff members. The rally was graced by the guest, Mrs. Gomathy, Inspector of Police, Puduchatiram, Namakkal, who inaugurated the event by addressing the gathering at the starting point. She spoke passionately about the importance of educating young people on the harmful effects of drugs and the role each individual plays in combating this issue. The rally began at the PCE campus and proceeded towards the Puduchatiram Police Station, covering a significant distance to create awareness in the community. Around 300 students, faculty, and NSS volunteers participated energetically, carrying placards and banners with powerful anti-drug messages.



Onam Celebrations'25



முதலாமாண்டு மாணவ, மாணவிகளுக்கான வகுப்புகள் தொடக்க விழா - விதை! புதிய தொடுவானம், புதிய உயரம்!!

பாவை பொறியியல் கல்லூரிகளின் முதலாமாண்டு மாணவ, மாணவிகளுக்கான வகுப்புகள் தொடக்க விழா - விதை! புதிய தொடுவானம், புதிய உயரம்!! பாவை பொறியியல் கல்லூரிகளின் 2025-2026-ம் கல்வியாண்டின் இளங்கலை மற்றும் முதுகலை பயிலும் முதலாமாண்டு மாணவ, மாணவிகளுக்கான வகுப்புகள் தொடக்க விழா நடைபெற்றது. விழாவிற்கு பாவை கல்வி நிறுவனங்களின் நிறுவனர் மற்றும் தலைவர் ஆடிட்டர் நடராஜன் அவர்கள் தலைமை வகித்தார். இயக்குநர் (நிர்வாகம்) இராமசாமி வரவேற்புரை நல்கினார். பாவை கல்வி நிறுவனங்களின் தாளாளர் மங்கை நடராஜன் குத்துவிளக்கேற்றி, வாழ்த்துரை வழங்கி விழாவினைச் சிறப்பித்தார். தொடர்ந்து பாவை கல்வி நிறுவனங்களின் நிறுவனர் மற்றும் தலைவர் ஆடிட்டர் நடராஜன் வகுப்புகளைத் தொடங்கி வைத்து, தலைமையுரை ஆற்றினார். அவர் தம் உரையில், 'பாவை கல்லூரியில், நம்பிக்கையுடன் உங்கள் கல்விப்பயணத்தை தொடங்கியிருக்கும் உங்களுக்கு என் வாழ்த்துகள். உங்களை பாவை கல்வி நிறுவனங்கள் வரவேற்கிறது, வாழ்த்துகிறது. குத்துவிளக்கின் ஐந்து முகங்கள் இணைந்து ஒளி தருவது போல மாணவ, மாணவிகள், ஆசிரியர்கள், பெற்றோர்கள், சமூகம் மற்றும் நிர்வாகம் போன்றவை ஒரே நோக்கோடு சீராகச் செயல்படும் போது மாணவ, மாணவிகளின் எதிர்காலம் பிரகாசமாக அமையும். நம் பாவை கல்வி நிறுவனங்கள் முதலாவது மாணவ, மாணவிகளின் நலனை மையமாகக் கொண்டே செயல்படுகிறது.

அதனால் தான் நம் கல்லூரி அண்ணா பல்கலைக்கழக விளையாட்டுத் துறை தரவரிசைப் பட்டியலில் தொடர்ந்து 9 வருடங்களாக முதலிடமும், இஸ்ரோ வானிலை மையத்தின் தேசிய தொலை உணர்வு (ரிமோட் சென்சிங்) மையமாகவும், அண்ணா பல்கலைக்கழகத்தின் 435 கல்லூரிகளில், பொறியியல் கலந்தாய்வு சேர்க்கையில், தமிழ்நாட்டில் நான்காவது இடமும் என்று தொடர்ந்து பல சாதனைகளை நிகழ்த்திக் கொண்டேயிருக்கிறது. எனவே நீங்கள் நம் கல்லூரியில் கிடைக்கும் வாய்ப்புகளையும் மற்றும் ஆய்வகங்கள், ஆராய்ச்சி மையங்கள், புதுமை படைப்பாக்க மையம், ஐ.ஏ.எஸ் பயிற்சி மையம், நூலகங்கள், இன்டர்ன்ஷிப், முன்னணி நிறுவனங்களோடு புரிந்துணர்வு ஒப்பந்தங்கள், உலகளாவிய சான்றிதழ் படிப்புகள் போன்ற வசதிகளையும் ஆக்கப்பூர்வமாகப் பயன்படுத்திக் கொண்டு, உங்கள் கல்வியில் முன்னேற வேண்டும். படிக்கும் காலகட்டத்திலேயே உங்களின் தொடர்பு திறன்கள், மொழிப்புலமை போன்ற திறன்களை நன்கு வளர்த்துக் கொள்ள வேண்டும்.



நவீன சாதனைங்களில் நேரத்தை வீணடிப்பதை தவிர்த்து, புத்தங்களை அதிகமாக படித்து, உங்கள் அறிவினை மெருகேற்றிக் கொள்ள வேண்டும். மேலும் என் அருமை மாணவச் செல்வங்களே கல்வி தான் உங்களின் மிகப்பெரிய பலமாகும். எனவே நீங்கள் எப்பொழுதும் நேர்மறை எண்ணம் கொண்டவர்களாகத் உங்கள் கல்வியில் சாதனைகளை நிகழ்த்த வேண்டும். அதற்கு நீங்கள் உயர்ந்த இலட்சியம் கொண்டவர்களாகத், கடின மற்றும் கவனமான உழைப்புடன், பெற்றோர்களையும், பெரியோர்களையும் மதித்து, வாழ்வில் முன்னேற வேண்டும். நீங்கள் முன்னேறும் போது, உங்கள் குடும்பமும், சமூகமும் முன்னேறும். நீங்கள் அனைவரும் பாவை எனும் நல்ல நிலத்தில் விதைக்கப்பட்டுள்ளீர்கள். நீங்கள் செழித்து வளர்ந்து நல்ல கனி தரும் விருட்சங்களாக உயர்ந்து நிற்க, உங்கள் அனைவருக்கும் என்னுடைய வாழ்த்துகள்” என்று பேசினார்.



குரு வணக்கம் '25

பாவை கல்வி நிறுவனங்களில் ஆசிரியர் தின விழா 'குரு வணக்கம்' என்ற பெயரில் நடைபெற்றது. இதன் சிறப்பு நிகழ்வாக 'நவரசங்களில் கவியரசும், கவிப்பேரரசும்' என்ற இசை சொற்பொழிவு நடைபெற்றது. விழாவில் பாவை கல்வி நிறுவனங்களின் நிறுவனர் மற்றும் தலைவர் ஆடிட்டர் நடராஜன் அவர்கள் தலைமை வகித்தார். நிகழ்ச்சிக்கு சிறப்பு விருந்தினராக பட்டிமன்ற பேச்சாளர், தமிழாசிரியர், பன்முகத் திறமையாளர் இந்திரா விஜயலட்சுமி கலந்து கொண்டார். பாவை கல்வி நிறுவனங்களின் நிறுவனர் மற்றும் தலைவர் ஆடிட்டர் நடராஜன், தாளாளர் மங்கை நடராஜன் மற்றும் ஆசிரியர்கள் ஆகியோர் குத்துவிளக்கேற்றி விழாவினைச் சிறப்பித்தனர்.

தொடர்ந்து சிறப்பு விருந்தினர் இந்திரா விஜயலட்சுமி அவர்கள் சிறப்புரை ஆற்றினார். அவர் தம் சிறப்புரையில், 'குருவையும், பெற்றோரையும் வணங்கும் சமுதாயம் எப்பொழுதும் உயர்ந்த நிலைக்கு வரும். அறப் பணியாகிய ஆசிரியப் பணியை திறம்பட செய்து கொண்டிருக்கும் உங்கள் அனைவருக்கும் என்னுடைய ஆசிரியர் தின நல்வாழ்த்துக்கள். ஆசு மற்றும் இரியர் என்ற இரு சொற்களும் இணைந்து ஆசிரியர் என்ற சொல் உருவானது. ஆசு என்றால் குற்றம் என்று பொருள். இரியர் என்றால் திருத்துபவர் என்று பொருள். மாணவச் செல்வங்களின் குற்றங்களைக் களைந்து அவர்களை சான்றோராக உருவாக்குபவர்கள் ஆசிரியர்கள் ஆவர். எனவே ஆசிரியர்களாகிய நீங்கள் தான் ஆசிரியத்துவத்தின் மரபுகளைக் காப்பாற்ற வேண்டும். கல்வி எனும் ஜோதியை எந்தக் காலத்திலும் அணையாமல் காக்கும்

பொறுப்பு உங்களுக்கு உண்டு. ஆசிரியர்களாகிய உங்கள் மூலமாகத் தான் அனைத்து துறையிலும் வல்லுநர்கள் உருவாகுகின்றனர். தீபம் தன்னை எரித்து ஒளியினைக் கொடுத்து, தொடர்ந்து எரிவது போல், மாணவ, மாணவிகளின் அறியாமை எனும் இருள் நீக்கி, அறிவு எனும் ஒளி மூலமாக, அவர்களுக்கு நிஜ உலகத்தினை உணரச் செய்து, தொடர்ந்து தங்களையும் அறிவில் மேம்படுத்திக் கொள்பவர்கள் தான் ஆசிரியர்கள். ஒளவையார் அவர்கள் சொன்னது போன்று கற்றோருக்கு சென்ற இடமெல்லாம் சிறப்பாகும். கம்ப இராமானாயத்தில் கடவுளின் சிறப்புக் கூட ஆசிரியரின் மகத்துவத்தைக் கொண்டு தான் நிர்ணயிக்கப்பட்டுள்ளது. அத்துணை சிறப்பு பெற்றவர்கள் ஆசிரியர்களாகிய நீங்கள் தான். எனவே நீங்கள் உங்கள் மேன்மையை உணர்ந்து செயல்பட வேண்டும்.

நீங்கள் மாணவச் செல்வங்களின் இரண்டாம் பெற்றோர்கள் ஆவீர்கள். உங்களின் மனநிலையினை எப்பொழுதும் உற்சாகவும், சீராகவும் வைத்துக் கொள்ள வேண்டும். அப்பொழுது தான் உங்களால் மாணவர்களை நெறிப்படுத்தி, ஆரோக்கியமான சமூகத்தை உருவாக்க முடியும். உங்கள் அனைவருக்கும் என்னுடைய வாழ்த்துகள் என்று பேசினார். முன்னதாக பாவை கல்வி நிறுவனங்களின் முதன்மையர் (ஆலோசனை) ஜெயலெட்சுமி அவர்கள் சிறப்பு விருந்தினர் இந்திரா விஜயலட்சுமி அவர்களுக்கு நினைவுப்பரிசு வழங்கினார். தொடர்ந்து சிறப்பு நிகழ்வான 'நவரசங்களில் கவியரசும், கவிப்பேரரசும்' என்ற இசை சொற்பொழிவு நடைபெற்றது. நிறைவாக பாவை கல்வி நிறுவனங்களின் இயக்குநர் நிர்வாகம் இராமசாமி அவர்கள் நன்றி நவிழ விழா இனிதே நிறைவடைந்தது. விழாவில் பாவை கல்வி நிறுவனங்களின் இயக்குநர்கள், அனைத்துக் கல்லூரி முதல்வர்கள், முதன்மையர்கள், துறைத்தலைவர்கள் மற்றும் பேராசிரியர்கள் கலந்து கொண்டனர்.



Inauguration and Installation of Office Bearers of All Associations and Clubs-2025-26



Navaratri Celebration'25

On 23rd September 2025, Navaratri was celebrated grandly at Pavai Arts and Science College for Women. The auspicious occasion was graced by Smt.Mangai Natarajan, Correspondent Paavai Educational Institutions and Mr. Mohan. The celebration began with devotional bhajans sung by the students, creating a serene and spiritual ambience. Rituals and prayers were offered to the deity. The Correspondent appreciated the sincere efforts of the faculty and students in organising the celebration. All the students actively participated in the prayer session with great devotion. Prasadam was distributed to all the faculty members. The event concluded on a blessed and joyful note, leaving everyone with a sense of peace and positivity.



Women Empowerment Series XXIX

The Women Empowerment Series organized its 29th event with the theme 'நலம் சூழ் உலகு' on 01.09.25. Pavai Arts and Science College for Women, Namakkal. The program began with a devotional prayer song followed by Tamil Thai Vazhthu rendered by the students. Ms. A. Asmitha, III B.Sc. CS, welcomed the gathering. Shri. CA. N. V. Natarajan, Chairman & Founder, Paavai Educational Institutions, and Smt. Mangai Natarajan, Correspondent, Paavai Educational Institutions, honoured the chief guest with a shawl and memento. The Chairman presided over the function and gave the Presidential Address.



Ms. C. Harini, III B.Sc. CS, introduced the Chief Guest, Dr. Karthikha Ravi, Consulting Gynaecologist and Laparoscopic Surgeon, Chennai. In her address, the chief guest provided valuable guidance on women's health and hygiene, including menstrual problems, and the importance of personal cleanliness. She emphasised that women should be more aware of their health conditions and maintain proper nutrition in their daily routine. The session was highly beneficial to the students from the Consulting Gynaecologist. Smt. Mangai Natarajan, Correspondent, Paavai Educational Institutions, felicitated the gathering and reiterated the importance of women's health. The program concluded with a vote of thanks proposed by Ms. S. Inbashree, II B.Sc. CS.

Tamil Cultural Festival

The Tamil Cultural Festival was celebrated in a grand manner at Paavai Arts and Science College for Women on 19.09.25. The festival began with the prayer song, Tamil Thai vazhthu and welcome speech. Shri. CA N.V. Natarajan, Founder & Chairman, Paavai Institutions presided over the function. In his Presidential Address, he highlighted the greatness of Tamil Heritage and Culture and explained the significance of Tamil language. He emphasised that Tamil is one of the world's oldest language and that every student should take pride in speaking and preserving it. Smt. Mangai Natarajan, Correspondent, Paavai institutions felicitated the function. Shri. CA N.V. Natarajan, Founder and Chairman of Paavai institution also addressed the gathering. In his speech, he said that the Tamil festivals like this not only bring out students individual talents but also provide opportunity to showcase the richness of Tamil tradition, literature, music and arts. He encouraged students to participate enthusiastically in competitions such as dance, drama, oratory, essay writing poetry traditional Tamil folk arts. He also pointed out that Tamil is recognised world wide as the classical language and praised it's depth and beauty. In the festival, he said that it is a platform to preserve and promote Tamil culture among the younger generation. The events included various competitions such as Tamil debate, cultural programs and various performances showcasing Tamil art forms. The function concluded with the vote of thanks.



Ayudha Poojai Celebration'25



Teachers' Day Celebration

The Teachers' Day Celebration was jointly organised by Paavai Organic Farming and Paavai Velaan Mandram on 04.09.25. Students paid tribute to the Chairman, Correspondent, Directors, Principal, and Professors, expressing their heartfelt gratitude for their guidance and mentorship. The program featured heartfelt speeches by students, reflecting on the invaluable role of teachers in shaping their academic and personal lives.

On this occasion, a new product-Microgreen Sprouts-was officially launched, highlighting its health benefits and its availability for practical use in the campus organic farm. Teachers were felicitated with tokens of appreciation, flowers, and certificates, recognizing their dedication and commitment to education. The dignitaries addressed the gathering, sharing inspiring messages about the importance of discipline, dedication and lifelong learning. The event fostered a deep sense of gratitude and mutual respect between students and faculty, leaving a lasting impression. The celebration concluded with a vote of thanks, acknowledging the continuous efforts of teachers in nurturing the growth and development of students.



Academic Events

The Dept of Cyber Security, organised a guest lecture on the topic 'Advance Web Exploitation' on 02.09.25. The Presidential Address was delivered by Dr.M.Premkumar, Principal PEC. The resource person was Mr. Monish Kanna, a cyber security professional known for his expertise in web exploitation and ethical hacking practices. He explained modern exploitation techniques such as SQL injection, Cross-Site Scripting (XSS), Cross-Site Request Forgery (CSRF), Remote File Inclusion (RFI), and Server-Side Request Forgery (SSRF).



The Dept. of IT organised a guest lecture on 'AI in Action: From Research to Real-World Application' on 02.09.25. The presidential address was delivered by Dr.R.R.Krishnamurthy, Director, Research. Dr.M.Premkumar, Principal, PEC was present. The guest speaker, Dr.Arul Nambi Damodaran, M.S., Ph.D. (USA), Chief Executive Officer, ED SOLS Innovations Pvt. Ltd., Banaswadi, Bangalore. He covered topics such as Ethics of AI, Edge Computing, Cutting-Edge Technology, NVIDIA & real-time projects.



The Dept. of Chemical Engineering PEC, in association with the IIC, organised a Virtual Workshop on 'Role of EDII TN and EDII Funded Incubation Support Towards Entrepreneurship' on 02.09.25. Mr.K.Arun, Chief Executive Officer, EDII – Killikulam Agribusiness Incubation Forum (KABIF), Business Development Service, Vallanadu R.F., Tamil Nadu explained the role of incubation centres in fostering entrepreneurial ecosystems, promoting innovation, and mentorship.



Centre for Research and IQAC, PEC hosted a seminar titled 'Awareness on Outcome Based Education: Improving Quality through Measurable Learning Outcomes.' on 02.09.25. The welcome address delivered by Dr.R.R.Krishnamurthy, Director, Research. The resource person was Dr.K.S.Giridharan, Professor & Head, Rural and Entrepreneurship Development, NITTTR Chennai. He provided a comprehensive overview of Outcome-Based Education, highlighting its significance in shifting the focus of higher education from traditional teaching methods.



The Department of Nutrition and Dietetics, PASCW, organised the first day of the National Nutrition Week 2025 celebration on 02.09.25. The theme for the week was 'Eat Right for a Better Life'. The day featured three informative and interactive sessions-Know Your BMI, Food Adulteration, and Food Labelling. The Food Adulteration demonstration educated participants on identifying common adulterants in everyday foods through simple, home-based tests.



The Dept. of Mathematics in association with the IIC, PCE, organised a workshop on 03.09.25. The event focused on the topic 'Sci Lab' and was conducted exclusively for the faculty members of the department. Hands-on training sessions were also provided in the computer laboratory. The Resource person Dr.D.Satheesh Kumar, ASP, AI&ML, Hindusthan College of Engineering and Technology, Coimbatore, is well known for his expertise in computational tools, mathematical modeling, and their applications in teaching and research.



The second day of the National Nutrition Week 2025 celebration was held on 04.09.25 at PASCW. The day's activities included Fireless Cooking, Food Art, and a Nutri Quiz Competition, all of which showcased the students' creativity and nutritional awareness. The day concluded with an exciting Nutri Quiz, which tested participants' knowledge of food, health, and nutrition. The day was filled with enthusiasm and learning, promoting the significance of balanced diets, food safety, and innovation in nutrition.



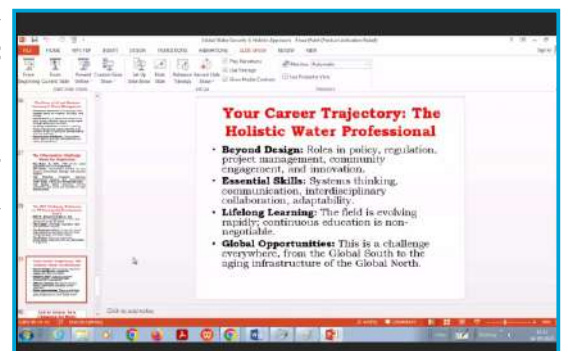
The Dept. of Mechatronics, in association with Paavai Mechatronics Engineers, PEC, organised an MoU Signing Ceremony and Expert Lecture on 'Next-Generation Robotics' on 04.09.25. Dr. M. Premkumar, Principal, PEC, delivered the presidential address. The chief guest Mr. Krithesh Ashokan, Founder & CEO of Tupac Automation, Coimbatore, elaborated on the fundamentals of Next-Generation Robotics creation and simulation, providing practical insights to the participants.



The EDC, in association with the Dept. of CSE and CSE (Cyber Security), organized a session on 'MSME Schemes for Entrepreneurs' on 04.09.25. The session was led by Mr. G.Vasudevan, DPM, EDII-TN, Namakkal. He delivered a highly insightful and engaging lecture, highlighting the administrative setup of the MSME Department and explaining the roles of the Industries Commissioner and the Director of Industries and Commerce (IC&DIC).



The Department of Civil in association with the PCEA, PEC organised a one-day Technical Webinar on the topic 'Global Water Security: A Holistic Approach' on 04.09.25. Dr. M. Premkumar, Principal, PEC, delivered the Presidential Address. The resource person, Dr.J. Vijayaragavan, AP, Dept of Civil Engineering, University College of Engineering, Ramanathapuram provided detailed insights on how global water security integrates environmental, economic, and social systems to ensure sustainable access for people and ecosystems.



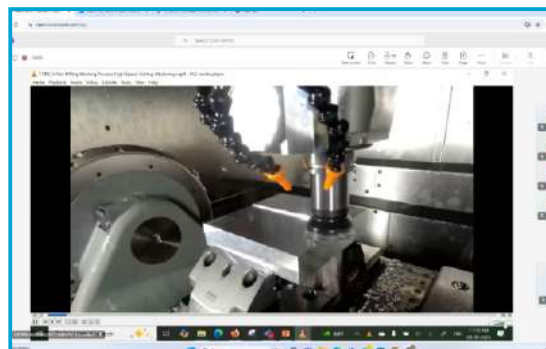
International Literacy Day was organised by the Dept. of English, PASCW on 08.09.25. It was both informative and engaging. The event importance of literacy in shaping a knowledgeable and empowered society. Students participated in a variety of activities, including a quiz, Author's Corner, British vs. American English comparison, jumbled words, a literacy pledge, and a talk on the significance of the day. These activities not only enhanced language skills but also encouraged students to reflect on the vital role of education in daily life.



The Dept of Mechatronics Engineering, in association with the ISTE, organised a workshop on '3D Printing for Product Development and Innovation' on 08.09.25. Mr. Mohammed Kiyasudeen, MD, Robotian Lab Pvt. Ltd., Trichy, served as the resource person. During the session, participants were introduced to the fundamentals of 3D printing technology, its history, evolution, and diverse applications in industries such as engineering, medicine, aerospace, automotive, and education.



An online guest lecture on the topic 'Recent Advancements in Sheet Metal Forming' was conducted on 09.09.25 by the Dept of Mechanical Engineering. The session featured Dr. Sathiya Narayanan, a distinguished Professor from NIT Trichy. He highlighted on traditional forming techniques before delving into recent advancements such as Incremental Sheet Forming (ISF), hydroforming and Finite Element Analysis (FEA) in process modeling.



Intra college competition called 'AEROCK'S – 2025' was organised by the Dept of Aeronautical Engineering on 09.09.25. Two events were conducted under this program, Parachute Diving and Pictorial Puzzle. Dr.M.Premkumar, Principal, PEC delivered the Presidential Address. In this competition 200 students from various departments of PEC participated. The first two places were awarded with certificate of merit.



The Dept. of English organised an Alumni Interaction 2025 on 10.09.25 at PASCW. The Principal honored the chief guest with a memento as a token of appreciation and delivered an inspiring speech highlighting the importance of phonics in developing language and communication skills. The guest speaker, Mrs. V. Divya, an alumna of our college (Batch 2011–2014) and founder, Spark English Academy emphasised the significance of communication skills and phonics based learning.



The Google Developer Student Club (GDSC) of PEC conducted its first event, an Info Session, on 10.09.25 at JRD Tata Hall. Mr. K. Rajesh, GDG Lead for this tenure, addressed the participants with a brief introduction to GDG. Following this, the core team leads explained their respective domains, including Artificial Intelligence & Machine Learning, Web Development, Content Writing, Python, User Interface & User Experience, Digital Marketing.



On 10.09.25, the dept. of Agri organised a guest lecture on 'Hi-Tech Horticulture: Opportunities and Challenges in Next-Gen Farmers.' The Presidential Address was delivered by Dr.M.Premkumar, Principal, PEC. The resource person, Dr. K. Velmurugan, Senior Scientist, Prof.&Head, KVK, Namakkal highlighted the emerging role of hi-tech horticulture in ensuring sustainable food security and profitability for next-generation farmers, hydroponics, vertical farming, and precision nutrient management.



The dept. of Agri, PEC, organised a highly informative workshop on 'Vettiver and Value-Added Products-An Entrepreneurial Approach' on 11.09.25. This was followed by a comprehensive lecture delivered by Mr. S. K. Babu, who began with an overview of the Eco Green Unit and its various projects, including areca leaf plate production, banana fibre products, banana mat weaving, coir pot making, handicrafts, and particularly, vettiver and its value-added products.



A one-day Online FDP on the title 'Civil Engineering Applications of IOT and A' was organized by the Dept of Civil Engineering in association with Paavai Civil Engineering Association & IIC, PEC, on 11.09.25. Dr. M. Premkumar, Principal, PEC, delivered his Presidential Address. Dr.R.N.Devendrakumar, Ph.D., ASP, CSE, SRIT, Coimbatore was the resource speaker. He explained how IoT and AI are transforming Civil Engineering by enabling smart infrastructure monitoring, predictive maintenance, and efficient construction management.



PIF, IIC and EDC, in association with StartupTN, organised a seminar on 12.09.25. Prof.R. R. Krishnamurthy, Director-Research gave the presidential address. He emphasized the importance of innovation and entrepreneurship for students Mr. Udhayakumar Selvarasu, Project Associate, StartupTN-Salem Regional Hub delivered an insightful session on the wide spectrum of opportunities available for student entrepreneurs in Tamil Nadu. He also elaborated on the avenues offered by the forthcoming Tamil Nadu Global Startup Summit (TNGSS) 2025.



The Dept. of ECE, in association with ISTE, organised a webinar on 'Innovation Through Design Thinking: Practical Solutions for Real-World Challenges' on 13.09.25. The guest speaker was Dr. B. Nivedetha, Assistant Professor (Sr.Gr.), PSG College of Technology, Coimbatore. Dr.Nivedetha began the session with an introduction to Deep Learning, which was both insightful and inspirational, offering participants a fresh perspective on creative problem-solving.



The Dept. of EEE, PCE organised seminar on the topic 'Research on Embedded controllers for Electric Vehicle Applications' held on 20.09.25. Dr.A.Immanuvel, VP, PCE, delivered the Presidential Address. He stated Embedded controllers are invisible to the driver but their impact is undeniable. The guest speaker was Dr.S.Moorthy, Prof., NIT, Trichy gave an insight on Embedded controllers and told that it may be hidden beneath the hood, but they are the true enablers of the electric vehicle revolution.



The Dept of EEE organised a workshop on 'IoT Industrial Applications' on 20.09.25. Mr.Deepak Kumar, Senior Embedded & IIoT Developer at Green CAD Tech Hosur Coil Forms Pvt. Ltd., Hosur, was the distinguished professional invited to conduct the workshop. He explained how IoT integrates with electrical and electronic systems to enable real-time monitoring, predictive maintenance, energy optimization, and automation.



The Dept. of Pharma, PEC organised a three-day workshop on 'Sustainable Utilization and Marketing of the Medicinal Plants through Awareness and Training for the Benefit of Tribal People in Kolli Hills' from 18 to 20.09.25. The inaugural ceremony was graced by Dr.K.Ramasamy, Director-Admin, Paavai Institutions, Dr. Ezhili Natarajan, Sr. Principal, PASCW & Dr.M.Premkumar, Principal, PEC. The chief guest, Dr.Reji Joseph Varghese, Dept. of Botany, Madras Christian College, released a Workshop manual on medicinal plants and conservation.



The Department of CS, PASCW organised an activity titled 'Logic Loop and Pixel Play' on 22.09.25. The first segment comprised the events 'Logic Loop' and 'Pixel Play.' Ms. S. Gayathri and Ms. P. Keerthana, III-BCA conducted the fun-filled games 'Connecting the Picture' and 'Jumbled Words,' which added a creative and engaging touch to the day. The next session featured a paper presentation by Ms.R.Monisha, III- BCA on the topic 'History of Python'. This session was informative and interactive.



The Department of EEE organised an online webinar 'Career Readiness for Next Generation' through the Google Meet platform on 23.09.25, The distinguished guest speaker was Mr. D. S. Ajaykumar, Senior HR Advisor at IQVIA, Bangalore. He also highlighted the importance of referrals, where someone within a company recommends a candidate; recruitment drives that bring multiple candidates and employers together; and campus placements.



IIC in association with CSE, PEC organised a webinar titled 'Converting Innovative Ideas into Prototype on 24.09.25. The session was led by Dr.A.Sathyapriya, Founder and Director, Prisa Biztech Solutions, Salem. She served as the resource speaker for the event and delivered a highly insightful and engaging lecture. She explained Intellectual Property Research and unique benefits and offers to potential users and explored the visual representations of the idea using sketches, flowcharts, storyboards, or digital wireframes.



IIC, PEC, organised the 'Smart India Hackathon 2025 -Internal Hackathon' on 23 & 24.09.25 in Placement Cell-Group Discussion Hall and Premium Hall. The Presidential Address was given by Dr.M.Premkumar, Principal, PEC. The juries were Mr.V.Karthik, Business Relations Manager, Edsols Innovation Pvt Ltd; Mr.Sri Soundar Raja L, Associate AI Developer, Edsols Innovation Pvt Ltd; C.M.Anu Priya, Full Stack Developer & Operations Development Lead, Edsols Innovation Pvt Ltd; and A.S.Ragul, AI Engineer, Tekcogent Solution.



The Department of CS, PASCW organised an activity titled 'Smart Era' on 24.09.25 to showcase the latest advancements in AI, focusing on AI-powered tools, gaming innovations, and visual effects in movies. The event aimed to educate students on current AI trends and inspire them to explore the practical applications of AI in technology and entertainment. The next session included a paper presentation by Ms. A.Monisha, II B.Sc. CS(AI&DS) on the topic 'AI-Powered Tools and Visual Effects in Movies'.



The Dept of ECE, PEC, in association with the IETE, organised a two-day workshop 'MATLAB day 2025' on 24 & 25.09.25. Dr.M.Premkumar, Principal, PEC gave the presidential address. The resource speakers Er.Gowtham Rajmohan, TM, ARK Infosolutions Pvt. Ltd., Chennai), Dr. V. Karthikeyan, Senior AE, ARK Infosolutions Pvt. Ltd., Chennai, and Mr. Subajith Goswami, Customer Success Specialist, MathWorks were introduced and honoured. They highlighted the importance of MATLAB in Engineering.



The Dept. of CSE, PCE organised a seminar on 'QUANTUM AI' on 25.09.25. The session was led by Mr. Kabilan Tamilmani, Solution Architect, Ravsons Business Solutions, Bengaluru. He served as the chief guest for the event and delivered a highly insightful and engaging lecture. Mr. Kabilan Tamilmani elaborated on the quantum AI's potential advantages and disadvantages, the advanced applications that go into the technology, and its applications in various industries.



The Department of CS, PASCW organised a successful activity titled 'THINKATHON' on 25.09.25, featuring four exciting events that highlighted the talents and creativity of the students. The first segment, titled 'THINKATHON,' included a series of fun and intellectually engaging games such as Clue Chase, Epic Threads, Code Words, Dumb and Word Hunt. It added an innovative and enjoyable touch to the day. Outstanding students were recognized and rewarded for their performance.



The Dept of Electrical and Electronics Engineering, PEC organised a seminar on 'High Performance Thermoelectric Devices with Novel Passive Cooling' on 25.09.25. Dr.S. Harish, ASP, Dept of Mech, SRM Institute of Science and Technology, Tiruchirappalli, was the distinguished guest speaker. He highlighted novel passive cooling techniques that enhance device performance, reduce energy losses, and promote sustainable thermal management solutions.



The Department of Mechatronics Engineering, in collaboration with the Microbytes Innovation Club, organized a technical event titled 'Logic Loops' for students from all departments on 25.09.25. The aim of the event was to promote language and communication abilities through activities like crossword puzzles and tongue twisters, encouraging quick thinking and verbal fluency boosting motivation and confidence among the participants.



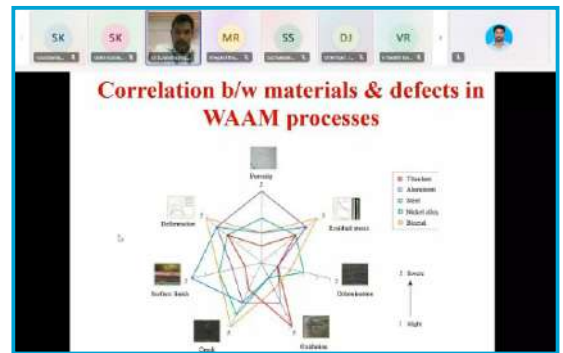
The Department of Mechatronics, in association with Paavai Mechatronics Engineers, Paavai Engineering College, organised online guest lecture on 'IoT Based Automation using Special Electric Drives' on 26.09.25. The online guest lecture was presented by Dr. P.Loganthurai, Associate Professor, K L N College of Engineering, Sivagangai, who pointed the IoT Based Automation and the role of Special Electrical Drives in various Industries.



The Dept of ECE and CSE (IoT) in association with the IIC'S and IE(I), PEC organised a guest lecture on 'Edge AI for Automotive: Computer Vision and Self-Driving Design' on 26.09.25. Dr.K.K.Ramasamy, Director-Admin gave the Presidential Address. Mr.S.Prasannakumar, Technical Lead, Chennai & Mr.M.K.Kannan, Head, Live Wire Salem, Mr.Navaneethan, Manager, Livewire Salem and Sudarshan R Pillai Head Livewire were the guests. Mr.S.Prasannakumar, in his Keynote Address shared valuable applications of embedded and IoT systems integrated with cloud services.



The Dept of Mech and S&F, PEC, in association with the Resource Club and ASME Student Chapter, organised an online guest lecture on 'Wire Arc Additive Manufacturing: Bridging Research and Industrial Practice' on 26.09.25. The resource person, Dr. B. Arul Murugan, ASP, Mechanical Engineering, KPR Institute of Engineering and Technology, Coimbatore, delivered an insightful and comprehensive lecture covering the fundamentals, applications, challenges, and future scope of Wire Arc Additive Manufacturing.



The Department of ECE in association with Electronics Club and IETE organised a mini project expo titled 'TECHNOVA'25' on 27.09.25. The goal of the Technova'25 mini project expo was to enable the students to design and demonstrate an innovative electronics system that addresses real-world problems with practical and creative solutions. Dr.B.Kailashkumar, ASP&HoD, Agri, PEC and Mr.R.Prabu, ASP&HoD, ECE, PCE evaluated the students' projects and gave their suggestions.



The Department of CS, PASCW organised a successful activity titled 'TechShield 2K25' on 27.09.25 to foster innovation, technical excellence, and collaborative learning among students. The first segment, titled 'TechShield 2K25', featured Innovation. The next session was paper presentation. This session was highly informative and interactive, providing valuable insights on AI tools and their applications.



On 27.09.25, the Dep. of Physics, PASCW organised an enlightening event titled 'Visualization of the Solar System'. The activity was graced by the Dr.M.Revathi, Principal, PASCW and Mrs.S.Surya, Head of the Department of Physics. The event aimed to provide students with an interactive learning experience about the structure and dynamics of the solar system. Students showcased creative models, digital visualizations of planets, and holograms, offering an engaging representation of space science.



The Dept. of EEE, PCE in association with the Intellectual Property Rights (IPR) Cell, organised a webinar on 'Introduction to Patent and Guidance for Patent Specifications' on 27.09.25. The Presidential Address was given by Dr. A. Immanuel, VP, PCE. He emphasised that the session was intended for student innovators, researchers, and entrepreneurs aspiring to protect their ideas and inventions. The speaker, Er.V.Palaniswamy, B.E., Deputy Controller of Patents and Designs, Chennai highlighted on patents and gave detailed guidance on patent specifications.



The Department of B.E. CSE (AI and ML), Paavai Engineering College (Autonomous), organised a Guest Lecture on the topic 'Advances in NLP: From Conversational AI to Healthcare Applications' on 29.09.25. The guest speaker was Dr.Amirtha Preeya, AP, SCSE, Presidency College. She was highly interactive and informative. The session ignited a spark in students to think beyond conventional boundaries.



The Department of Mechatronics Engineering in association with IIC-PEC and The Institution of Engineers (India) organised a guest lecture on 'Next-Gen: Robotics to Reality: AI Applications in Mechatronics' on 30.09.25, from 11:00 am to 1:00 pm through Google Meet. Dr.Nalinipriya, Associate Dean-International Relations and Professor, Saveetha Engineering College, Chennai was the chief guest.



Social Sensitivity

On 02.09.25, Our Paavai TQI volunteers of Kanaa team visited Mallur Model School, Salem to create awareness among students about inspire awards. The aim of the session was to encourage them to pursue science, technology and innovation. A video was recorded for appreciating the efforts and encouraging the award winning students. The session concluded with sharing detailed information, useful tips, and guidance that help them in developing their projects.



On 07.09.25, Our Paavai TQI volunteers visited Alanganatham panchayat. The team successfully completed Day 3 of the thematic session. They had an interactive recap with the students. For 9th grades, they explained the benefits of library. For 10th grades, they explained crucial time management skills, including effects of procrastination. For 11th grades, they demonstrated the internet and email creation. While 12th grades learned about preparation of news report and basics programming language.



PCE organised an HIV & AIDS Awareness Programme on 29.09.25 in association with the Tamil Nadu AIDS Control Association. The programme was inaugurated by Dr.V.Hariharan, Principal, PCE, along with Mr.B.V. Maheswaran, NSS Programme Officer. The guest speaker, Mr. R. Kandasamy, ICTC Counsellor, Primary Health Centre, Vinaytheerthapuram, addressed the gathering and shared valuable insights on HIV and AIDS, with a focus on prevention, awareness, and control measures.



On 08.09.25, Our Paavai TQI volunteers visited Palayapalayam Panchayat. The team successfully completed Day 3 of the thematic session. They had an interactive recap with the students. For 9th grades, they discussed the importance of visual memory and benefits of using library. For 10th grades, they explained time management, including effects of procrastination. For 11th grades, they demonstrated the internet usage and email creation. While 12th grades learned about preparation of news report and basics programming language.



On 08.09.25, Our Paavai TQI volunteers visited Muthugapatty Panchayat. The team successfully completed Day 5 of the thematic session. They had an interactive recap with the students. For 9th grades, they discussed the importance of spendings and savings, helping them understand real-life financial habits. For 10th grades, they explained importance of collaboration and collective success. For 11th grades a thoughtful session on response vs reaction was conducted. While 12th grades, were inspired through activities and unleashing imagination.



On 15.09.25, Our Paavai TQI volunteers visited Pachal GHSS to successfully complete the TNPSC process for the academic year of 2024-2025. And they prepared and finalised the Topper's list and the name list of students for the upcoming sessions and they also discussed with the school authorities and finalized the tentative schedule for conducting summit sessions for the next academic year. The team was ready to begin the upcoming academic year with renewed energy and clear roadmap for impactful sessions.



During 23 to 26.09.25, Our Paavai TQI volunteers organised a workshop on Basic Life Support at PEC. The Programme started with a welcome note to the trainers Mr.A.Ananthakumar and Mr.J.Venkatesh. This workshop was designed to raise awareness and provide hands-on training in essential life-saving skills. 216 volunteers participated in the workshop. The participants gained knowledge on how to respond effectively in emergency situation, thereby enhancing their ability to protect and support people in critical situations.



The NSS of PEC in association with Dharan Hospital, Salem, and Dr. Agarwal's Eye Hospital, Salem, organised a Free Medical Camp and Eye Checkup Camp on 26.09.25. Dr. Rosan Nisha, General Medical Officer from Dharan Hospital, provided medical consultations and treatments. Dr. K.K.Ramasamy, Director-Admin, PEI, Dr. M. Premkumar, Principal, PEC, Mr. Yuvaraj, Dharan Hospital, Mr. Ramesh Babu, Dr. Agarwal's Eye Hospital were present.



PCE, in association with the GMC and Hospital, Namakkal, organised a Blood Donation Camp on 27.09.25. The event was inaugurated by Dr.K.K. Ramasamy, Director, Admin, PEI, Dr. A. Immanuel, VP, and Dr. Anbumalar, Blood Bank Officer, GMC&H, Namakkal. A total of 100 units of blood were collected during the camp. The medical team from the GH appreciated the college management and volunteers for their excellent organization and cooperation.



Ethical AI in Research : Risk and Responsibility

AI is transforming the research field. It accelerates literature reviews, assists in data analysis, and even in writing. These allowances come with new responsibilities. In order to effectively use AI in research, we need to strike a balance between innovation, ethics, transparency, and trust.



Why AI in Research? The Promise and the Risks

- AI speeds up idea generation, helping researchers brainstorm, form hypotheses, and structure initial thinking.
- It quickly scans and summarises vast research literature, highlights key trends, and identifies research gaps.
- In big data analysis, AI detects patterns, anticipates results, and finds anomalies that are hard to spot manually.
- It enhances writing and editing, refining drafts for clarity and helping non-native speakers improve academic language.
- AI automates routine research tasks such as reference management, figure generation, and tagging, saving researchers time.
- However, it also poses risks, including potential bias in outputs, lack of transparency in processes, and challenges related to data accuracy and authorship.

The Core Risks and Ethical Challenge

Risks Associated with AI in Research

- AI use in research comes with risks that scientists must carefully manage.
- Since AI is trained on existing data, it can replicate human or historical biases, leading to unfair outcomes.
- Many AI tools function as black boxes, making their processes difficult to explain and reducing transparency.
- Failing to properly acknowledge AI contributions may blur authorship boundaries and create plagiarism concerns.
- AI can generate believable but false information, so all outputs must be fact-checked to prevent misinformation.
- AI cannot be listed as an author; only human researchers hold responsibility for research results.
- Privacy is a major concern, as sensitive data-especially on cloud-based systems-must be securely protected, and participant consent must be obtained.
- Researchers are increasingly required to disclose AI usage to ethics committees and review boards.
- Limited access to advanced AI tools may widen inequalities among researchers.
- The high energy consumption of large AI models also raises environmental concerns.

Ethical Values in the Use of AI

- Ethical AI research relies on values such as accountability and justice, ensuring social benefit without harm and maintaining fairness by minimizing bias.
- Autonomy demands transparency about AI's role and obtaining informed consent where applicable.
- Human oversight remains essential, with researchers responsible for monitoring AI use.
- Transparency requires clear documentation of AI tools and limitations, while privacy ensures the protection of confidential data.
- Reproducibility is key. AI workflows must be well-documented and accessible, with sensitive information kept secure.
- These ethical principles align with established frameworks from UNESCO, the EU, and National Research Organizations.

Practical, Step-by-Step Guide to Ethical AI Use

Planning and Design

- Define the AI's role (literature review? Analysis? Drafting?).
- Draft a simple risk assessment: What could go wrong? Bias? Data leak? Erroneous output?
- Seek IRB or ethics board review if working with people or sensitive data.

• Data Handling

- Use only high-quality, representative data, and document all steps and transformations.
- Remove personal identifiers and anonymize data whenever possible.
- Routinely check datasets for bias and underrepresentation.

• Model Development and Validation

- Prefer explainable models or document model choices.
- Rigorously validate with manual and statistical checks, adversarial tests, and expert review.
- Log all AI tool versions, settings, and data splits.

• Writing and Publication

- Always disclose your use of AI: name the tool, version, and describe its role.
- Never list AI tools as co-authors; humans hold all responsibility.
- Manually fact-check every AI-generated reference, statistic, or summary.

• Post-publication and Sharing

- Share code, logs, and (if privacy allows) data for reproducibility.
- Be vigilant about errors, correct as needed, and welcome community/peer feedback.

• Practical Tips

- Note which tools you used, versions, and changes you made.
- Ask! 'Is my data private? Did I verify the AI's output?'
- Review case studies of bias, hallucination, or privacy concerns.
- Choose ones that are transparent, affordable, and privacy-friendly.
- Acknowledge that not all researchers have equal AI access.

Sources:

<https://researchbrains.com/ethical-ai-in-research-risks-and-responsibilities/>

<https://www.unesco.org/en/artificial-intelligence/recommendation-ethics>

<https://research.aimultiple.com/generative-ai-ethics/>

<https://www.europeanheritagehub.eu/document/living-guidelines-on-the-responsible-use-of-generative-ai-in-research/>

Faculty Journal Publications and Patents

Name of the Faculty with designation	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
Dr.S.Vijay Kumar, Prof- ECE, PEC	Science Indexed	Simulative Study of Different Photonic Crystal Fibres (PCF's) Types Configuration based Optical Fibre Communication Channel System for Short Range Indoor Applications	http://doi.org/10.1515/joc-2025-0296
Dr.D.Banumathy, Prof- CSE, PEC	Scientific Reports	Deep Learning-based Bacterial Foraging Optimization Algorithm to Improve Digital Mammography-based Breast Cancer Detection	V.4.1.7 – (09_2025)-SNL
V.Maheshkumar, P- E, PEC	Scientific Reports	Enhanced Detection of Mpox using Federated Learning with Hybrid ResNet-ViT and Adaptive Attention Mechanisms	(2025) Article 15:24728
J.Prakash Arul Jose AP-Civil, PEC	IJCSM	Effect of Using Recycled E-Waste Plastic as Coarse Aggregate with Supplementary Nano-fills in Concrete	ISSN 1976-0845/ Eissn 2234- 1315
C. Manjula ASP-Maths, PEC	International Journal of Advanced Science and Engineering	Effect of Sinusoidal Heating on Buoyant Convection Flow of Micropolar Liquid in a Chamber	Vol. 12, Issue 1, September 2025
Dr.M.Sathishkumar Prof-Maths, PEC	Complex Analysis and Operator Theory	Existence and Uniqueness of Hilfer-Katugampola Fractional Differential Equations with Almost Sectorial Operators	https://doi.org/10.1007/s11785-025-01850-z
Dr.D.R.P.Rajaratnam Prof-MCTS, PEC	Patent	Enhancing Market Presence of Medium and Small Scale Industries in India through Digital Marketing Strategies	202541082095 A
R.Karthick AP-MCTS, PEC	SRR Publishing Research	Investigation of Sisal/Palm Reinforced Composites through Natural Fiber Wastes	ISBN: 978-81987-1347-6
Dr.D.R.P.Rajaratnam Prof-MCTS, PEC	Indian Patent Research	IoT Based Smart Pet Feeder and Real Time Monitor	30 Sep 2025 59 (2025) 5, 717–727
Dr.R.T.Ajaykarthik AP-MCTS, PEC Dr.D.R.P Rajaratnam Prof-MCTS, PEC	Materials and Technology	Enhanced Surface Engineering of Enb Alloy Coatings: Tribo-Mechanical Insights into Heat Treatment and Sodium Boro Hydride Levels	30 Sep 2025 59 (2025) 5, 717–727

Name of the Faculty with designation	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
Dr.V.Priya Prof.-CSE, PEC N.M.K.Ramalingam Sakthivelan Prof.-CSE, PEC Dr.S.Sasikala ASP-CSE, PEC K.Sangeetha AP-CSE, PEC D.V.Rajkumar AP-CSE, PEC V.Anitha AP-CSE, PEC K.Sudha Devi ASP-CSE, PEC M.Sivaranjani AP-CSE, PEC K.Santhanalakshmi AP-CSE, PEC K.Ramanan AP-CSE, PEC	Rademics Publication (Book)	Artificial Intelligence in Multidomain Systems for Intelligent Decision Making and Automation	ISBN 978-93-49552-35-7 9789349552357
Dr.V.Kumaran ASP-English, PEC	International Conference	Hidden Truth (Eco-Criticism and Environmental Narratives)	-
Dr.R.Shanthi Professor - English, PEC	Patent	The Role of Task- based Learning in Grammar in Acquisition for ESL/EFL Learners	202541075464
Dr.R.Shanthi Professor - English, PEC	International Conference on Environment and Literature	Human Depravity in Anita Nair's Cut Like Wound and Chain of Custody	-

Student's Achievements and Awards

Name of the Students	Name of the Programme	Venue and Date	Name of the Event	Position/Place
S.Saravanan R.Rajarajamanikandan, IV-IT, PEC	Innovators Day- 24 hour Hackathon	Sri Manakula Vinayagar Engineering College, Puducherry 20.09.25	Project Expo 2025	II Prize with Rs.10,000/-
Indhumathi -BT, PEC Malathi K -BT, PEC	Sports	Anna University Sports Board and 08.09.25	Zonal Level Chess Competition	III

Name of the Students	Name of the Programme	Venue and Date	Name of the Event	Position/Place
R.Jeganathan IV-CIVIL, PEC	Sports	Thiruchendur 24.09.25	Cross Country Overall Championship (Athletics)	II
J.Ramaraj S.Boopathi B.Dinesh IV-R&A, PEC	National Level Technical Symposium	Sengunthan Engineering College Tiruchengodu 25,26.09.25	Paper Presentation	II Prize with Rs.750/-
M.Dhanush P.Dharanish IV-Civil, PEC	Engineer's Day Celebration	Salem Civil Engineers Association Salem	Paper Presentation	Cash Prize Rs.10,000/-
S.Bhuvaneshwari IV-BME, PEC	Sports	KSR College of Engineering Tiruchengodu	Ball Badminton CM Trophy Scheme	Won the CM Trophy & Cash Prize Rs.3,000/-
R.Karthikeyan III-EEE, PEC S.Santhoshkumar III-EEE, PEC	Sports	Zone -8 Anna University Chennai	Badminton	Winner
G.S.Rahulrohith IV-CIVIL, PEC	Sports	26.09.25	Powerlifting and West Zone Classic Benchpress - 66 Kg	Gold Medal

Alumni Testimonial

PAAVAI ENGINEERING COLLEGE

C.KALAIVANI
B.E - ECE, 2018 - 2022
Software Engineer, Tech Mahindra
Chennai,



I am immensely proud and delighted to share my journey at PEC. From the very first day, I felt welcomed into an environment that nurtured both academic excellence and personal growth. The faculty members, with their expertise and approachability, guided me through complex concepts while inspiring curiosity and innovation. The college's modern infrastructure, well-equipped laboratories, and expansive library created the perfect setting for hands-on learning and experimentation. Beyond academics, Paavai encouraged participation in cultural, technical, and extracurricular activities, which greatly enhanced my leadership, teamwork, and communication skills. I benefited tremendously from the mentorship programs, career guidance sessions, and industry-oriented workshops that prepared me for real-world challenges. Internship opportunities, practical projects, and interactive sessions with the professionals helped to bridge the gap between theoretical knowledge and professional application. The college's emphasis on ethics, discipline, and holistic development shaped me into a confident and responsible individual. Alumni networking initiatives and testimonial platforms allowed me to connect with fellow graduates, gain inspiration from their achievements, and share my own journey.



N.KUMARAGANESH

B.E - EEE, 2017 - 2021

Network Engineer, CISCO Pvt Ltd
Bangalore

As a student of EEE, my time at PCE was truly a transformative learning experience. Beyond academic knowledge, I received constant encouragement and constructive feedback that helped me recognise and build on strength. This unwavering support from my teachers had a profound impact on my life, instilling in me strong values and the determination to face challenges with confidence. It was an honor to be a part of such a nurturing academic environment. The education and guidance I received laid a solid foundation for both my career and personal growth. I am deeply grateful to all the mentors and pillars of support who played a crucial role in bringing out the best in me.

PAAVAI POLYTECHNIC COLLEGE



R.KANNAN

DME, 2005 - 2008

Asst. Manager-Customer Relationship

TVS Sundaram Industries Pvt Ltd, TVS Tread, Salem

My time at PPC marked a pivotal phase in both my academic and personal development. As a diploma student in the Dept. of Mech, I was not only equipped with a solid foundation in technical knowledge but also imbued with core values such as discipline, integrity, and a commitment to lifelong learning. The college's comprehensive and student-centered approach to education, complemented by the dedication of its faculty, fostered an environment conducive to holistic growth. Emphasis on hands-on learning, collaborative projects, and real-world application played a significant role in shaping my professional outlook and enhancing my problem-solving capabilities. Currently, I am serving as an assistant manager (customer Relations) at TVS Tread. I remain sincerely grateful to my professors, mentors, and the broader Paavai community for their invaluable guidance and support. The lessons and values imparted during my time in Paavai continues to inspire and influence my professional journey.

PAVAI ARTS AND SCIENCE COLLEGE FOR WOMEN



K.MONIKA

B.Com, 2022 - 2025

Telecaller, Rivera Reality Developers Pvt Ltd
Salem

I am K.Monika, a proud alumna of PASCW, Anaipalayam, from the dept. of Commerce, Batch (2022–2025). I am currently employed as a TL for Telecallers at Rivera Reality Developers Pvt limited, Salem. My time at college was a transformative journey where I had the chance to pursue my interests and passion. The faculty played a pivotal role in my development by offering unwavering support, mentorship, and academic guidance, which significantly shaped my personal and professional growth. The college management ensured that we had access to every necessary resource and opportunity, making our path to success. I sincerely thank the entire college team for their immense contribution to my journey. The skills, knowledge, and experiences i gained during my time at the college always remain as a valuable asset in my life. Without Paavai, I would not have been able to achieve success in my life. I sincerely thank our chairman for his support and guidance.

Wall of Fame



Dr.M.PREMKUMAR
Principal, Paavai Engineering College
Ally of Excellence Award
IEI, Salem Local Centre



R.ABARNA
III - BME, PEC
Silamboli Manavar Virudhu & Rs.10,000/-
Silamboli Sellappan Arakkattalai, Namakkal



Dr.MASILAMANI SELVAM
Professor - Pharma, PEC
Best Teacher Award
Acharapakkam Hill Towns Lions Club
07.09.25



S.SWATHI
IV - CSE, PEC
RYLA- Be an Entrepreneur
Complimentary Trip to Singapore



R.SANJAY BILGATES
III - CSE, PEC
RYLA- Be an Entrepreneur
Complimentary Trip to Singapore



K.RAJESH
IV - IT, PEC
Best Engineer Student, Dr.APJ Abdul Kalam Award
Institution of Engineers(India), Salem

Humanity



R.MERVIN
III - ECE, PEC

English Grove

Alternate Vocabulary

Open the blanket	-	<u>Unfold</u> the blanket
Open the fist	-	<u>Unclench</u> the fist
Open the curtain	-	<u>Drawback</u> the curtain
Open the tap	-	<u>Turn on</u> the tap
Open the cap	-	<u>Twist off</u> the cap
Open the shoelaces	-	<u>Untie</u> the shoelaces
Open the secret	-	<u>Reveal</u> the secret
Open the lock	-	<u>Unlatch</u> the lock
Open the luggage	-	<u>Unpack</u> the luggage
Cut the vegetables	-	<u>Chop</u> the vegetables
Cut the call	-	<u>Hang up</u> the call
Cut the nails	-	<u>Pare</u> the nails
Cut the ticket	-	<u>Issue</u> the ticket
Cut the conversation	-	<u>Interrupt</u> the conversation
Cut the power	-	<u>Shut off</u> the power
I didn't do it yet	-	That's in progress, I'll share an update by 5.00 p.m.
I'll do it later	-	I haven't wrapped it up yet. It's on my tracker for this evening.
It is still pending	-	I have lined it up for later today.
I don't agree with you-		I get your point. But, may I share another perspective?
You are wrong	-	I think there might be another way to look at this.
This idea won't work	-	I have some concern on how this might play out. Can we explore an alternative?
You didn't send me the report	-	The report hasn't come through yet. Please share when you get it.
Sorry to interrupt	-	I have a point to add here.
I don't get it	-	I am unable to comprehend.
Please call me later. I'm busy right now.	-	I am currently tied up. Could we connect a bit later?
I am in the middle of something at the moment. Can I get back to you shortly?	-	I am occupied right now. Could it be possible to speak after sometime?



With best compliments from :

Paavai Engineering College (Autonomous)

Paavai College of Nursing and Research

Paavai College of Engineering

Paavai Institute of Allied Health Science

Paavai Polytechnic College

Paavai Physiotherapy Science College

Pavai Arts & Science College for Women

Paavai Vidhyashram CBSE School

Paavai College of Education

Paavai Matriculation Higher Sec. School

Paavai Teacher Training Institute

Paavai Vidhyashram School - Salem Campus

Paavai College of Pharmacy and Research

Paavai IAS Academy

Paavai Nrithyalaya



Paavai Medical Centre and Hospital
(400 Bedded Multispeciality Corporate Hospital)