



PAAVAI

EDUCATIONAL INSTITUTIONS

Think Education... Think Paavai.

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

PAAVAI VOICE

NOVEMBER - 2024

A MONTHLY BULLETIN

Editorial Board:

Chief Patron	:	CA N.V. Natarajan, Chairman, Paavai Educational 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. B. Venkatesan, Associate Professor, Department of IT, PEC
Dr. V. Subburam, Professor, Department of Mechanical Engineering, PEC
Ms. R. Saranya, Associate Professor, Department of English, PEC
Ms. F. Arul Jeevitha Mary, Assistant Professor, Department of English, PASCW



Chairman's message

Dear parents and students,

Greetings from your Chairman,

I am delighted to address you during a time filled with exciting opportunities for learning, creativity, and collaboration. Our institution has always strived to provide a holistic educational experience, and this month's lineup of events reflects our unwavering commitment to nurturing talent in every dimension.

TechniFix'24 was a celebration of creativity in technology, where students showcased innovative projects and practical solutions to everyday challenges. A technical symposium serves as a platform for students, professionals, and experts to exchange knowledge, share innovations, and present research in various technical fields. It encourages collaboration, networking, and the exchange of ideas, fostering growth and development. Participants gain insights into the latest trends, breakthroughs, and challenges in technology and engineering. The event, enriched with presentations, workshops, and competitions, serves as a catalyst for inspiring creativity and problem-solving. Technical symposiums play a crucial role in shaping the future by promoting learning and innovation.

We are also thrilled to host Andror Mutram, an event that recognizes and honors outstanding achievements in Tamil literature and other fields. It celebrates artistic excellence, creativity, and contributions to Tamil culture. This ceremony highlights the talents of individuals who have made significant impacts within the industry while fostering a sense of pride and appreciation for Tamil heritage. Additionally, it serves as a platform for encouraging further artistic endeavors and collaborations.

A highlight of this month is our Hackathon, a premier event that provides a dynamic space for innovators to tackle real-world challenges using technology. It is where imagination meets problem-solving, and teamwork drives impactful solutions. I encourage all participants to take full advantage of this opportunity to showcase their technical expertise, creativity, and out-of-the-box thinking.

Research and technology are deeply interconnected, with research laying the foundation for groundbreaking technological innovations. Through systematic inquiry and experimentation, new knowledge emerges, leading to advancements that solve complex problems, improve quality of life, and open new frontiers across various fields. Technology, in turn, accelerates the research process by providing advanced tools and methodologies. Together, research and technology drive progress, fostering a cycle of continuous improvement and discovery.

These events collectively embody the spirit of excellence and innovation that defines our institution. I urge all students to participate with enthusiasm and dedication, making the most of these enriching experiences. To our faculty and organizers-your hard work and guidance are invaluable in making these events successful.

Warm regards,

Chairman

பாவை விருதுகள்'24 – ஆன்றோர் முற்றம்

The Tamil Forum of Paavai Educational Institutions organised பாவை விருதுகள்'24 – ஆன்றோர் முற்றம் in a grandiose manner on 30.11.24 in Anandha Arangam to honour the eminent and promising Literary achievers who sculpt our world with their insightful works, which are inspiring and enthralling the mind of the readers and listeners. The programme commenced with a prayer song followed by Tamil thai vazithu. Shri.CA.N.V.Natarajan, Chairman, Paavai Educational Institutions delivered his presidential address in which he explained the purpose of literature in everyone's life. He welcomed the esteemed award presenter Dr. K.V.Balasubramanian, all the awardees, special invitees and guest, Management members, Directors, Principals, Deans, COEs, HoDs, Faculty members and Students of Paavai Institutions.

Dr. K.V.Balasubramanian, Retired Professor graced the occasion as a distinguished special guest. He addressed that, awards are presented to the achievers who have created an exciting platform for the tamil literary readers and general audience. He stated that the awardees are deserving personalities as their contribution to the society through their own forms of language, literature, story, culture, science, society, child welfare, story section, translation and history were remarkable. He added that he went through the achievements of the awardees and was contented with their accomplishments in their respective fields. Kalaimamani Professor Dr. K.Gnanasambandhan was bestowed with the prestigious 'Lifetime Achievement Award', Senior Creator Special award was presented to Story Book Writer Smt. Usha Subramanian, Senior Tamil Literary award was presented to Kavigyairu Pulavar P.Parameswaran, along with them honoured were film Director Mr.S. Premkumar, Eminent Poet Manushya Puthiran, Scietific Story Book Writer Mr. Kabilan Vairamuthu, Story Book Writer Smt. Megala Chitravel, Short-Story Book Writers Mr. Vannanilavan and Mr. Ram Thangam, Storyteller Smt. Deepika Arun and Children's literature and translator Thiru. Yuma Vasuki.

All the Paavai award recipients graciously shared their thoughtful insights and reflections on their life journey. Paavai Institutions always cherishes and celebrates the invaluable contributions of writers across all disciplines, for they are the architects of our collective wisdom and the guardians of our shared humanity. The programme was concluded with the Vote of thanks by Smt.Mangai Natarajan, Correspondent Paavai Educational Institutions. The function was attended by Paavai Educational Institutions Administrators, Directors, Deans, Principals, HoDs, Professors, Journalists and students.





விருதுகள் வழங்கிச் சிறப்புரை

தமிழறிஞர், முனைவர் கு.வெ. பாலசுப்பிரமணியன்,
மேனாள் பேராசிரியர், இலக்கியத் துறை, தமிழ்ப் பல்கலைக்கழகம்
தஞ்சாவூர், தமிழ்நாடு.

என்றென்றும் ஆன்றோர் விருது

'கலைமாமணி' பேராசிரியர்
முனைவர் கு. ஞானசம்பந்தன்



மூத்த படைப்பாளி சிறப்பு விருது

திருமதி. உஷா சுப்பிரமணியன்

மூத்த தமிழ் இலக்கியப் பரிதி விருது

'கவிஞாபிற்' புலவர் பெ. பரமேசுவரன்



தமிழ்த் திரை வித்தகர் விருது

இயக்குநர் திரு.ச. பிரேம்குமார்,
(மெய்யழகன் திரைப்படம்)

தமிழ் இலக்கியச் செம்மல் விருது



கவிதை

கவிஞர் மனுஷ்ய புத்திரன்



அறிவியல் புதினம்

திரு. கபிலன் வைரமுத்து



புதினம்

திருமதி. மேகலா சித்ரவேல்



சிறுகதை

திரு. வண்ணாநிலவன்



சிறுகதை

திரு. ராம் தங்கம்



தமிழ்க் கதைசொல்லி விருது

திருமதி. தீபிகா அருண்



சிறார் மற்றும் மொழிபெயர்ப்பு

திரு. யுமா வாசுகி

TECHFINIX'24

Paavai Engineering College hosted a two-day National Level Technical Symposium, TECHFINIX'24, on 08.11.2024 and 09.11.2024 at Anandha Arangam. The inaugural session commenced with an invocation followed by Tamil Thai Vazhthu. Smt. Mangai Natarajan, Correspondent, Paavai Institutions, lit the kuthuvilaku along with other dignitaries. In his presidential address, Shri CA N.V. Natarajan, Chairman, Paavai Institutions, focused on five important values: education, practice, effort, hard work, and success. He emphasized the importance of setting big goals in life and shared his experience of the late President Dr. APJ Abdul Kalam's visit to Paavai, quoting his words, 'Think Big and Aim High'. He added that Paavai is a student-centric institution focused on the progress and growth of its students. He also encouraged students to watch TED Talks, build their inner confidence, and expand their knowledge.

Dr. Kanagaraj Sekar, Professor of Computational and Data Sciences at the Indian Institute of Science, Bangalore, was the Chief Guest. In his inaugural address, he discussed the integration of biosciences with the latest technologies and explained the process of securing internships at IISC. During his speech, he highlighted the advantages and disadvantages of AI technology. Earlier, Mr. A. Ajmal Thahseen, a final-year IT student, delivered the welcome address, and Ms. M. Reema, also a final-year IT student, gave the prelude to the symposium.

Around 55 technical and non-technical events including Paper Presentation, Technical Quiz, Project Expo, Treasure Hunt, Drone Racing, Parachute Diving, Glider Modelling, Poster Design, Hitching, Agro Quiz, Interloop Music, Bioscope, Fun with Language, Biotech Trivia, BioPictionary, BioConnections, Tech Talk, Bug Fixer, Video Emend, Capture the Flag, Code Hunters, Picture Presentation, Code Cracking, Scale by Sight, Pirate's Eye, Merry Blast, Mr. Charlie, ChemQuiz, Circuitrix, Mindware Maze, Pick and Place, Circuit Debugging, I-Connects, Multimedia Presentation, Oral/Poster Presentation, Think Tank Trivia, Mystery Mania, W3 War, Wonder Query, Technology Diggers, Chinese Whisper, Connection, Line Follower, Water Rocketry, Machining, Ad-Zap, Mastermind, Grandmaster, Coding Battle, Web Page Designing, and Technical Startup Ideas were organized by various departments. Around 600 papers were received from colleges including SRM, VIT, Bannari Amman, KL University, Anna University, Saveetha, New Horizon, and Sona College of Technology, as well as from states like Kerala and Andhra Pradesh. Out of these, 240 papers were shortlisted for presentation. Students exhibited their projects and innovations at various spots around the campus.

The valedictory session was held on 09.11.2024 at Anandha Arangam from 2:00 p.m. to 5:00 p.m. Feedback was received from the participants, and the valedictory address was given by Smt. Mangai Natarajan, Correspondent of Paavai Institutions. She stressed the importance of faith and



hope in life, advising students to understand the fundamental principles of life. She encouraged students to prioritize their goals, distinguish between do's and don'ts, face rejections, and maintain mental balance. She also highlighted the importance of physical and mental well-being. Cash prizes totaling Rs. 3,50,000 were awarded to winners of various events, and participation certificates were distributed. The session concluded with a vote of thanks by Ms. D. Devadarshini, a final-year CSE student, followed by the National Anthem. The enthusiastic participation of students from different colleges affirmed the relevance and significance of this symposium. The festival showcased the synergy of youthful creativity and talent, with a wide range of events designed to test talent, mental acuity, logical thinking, and creativity. Overall, it was a fun-filled event combining intellectual challenge with creative expression.



INDUCTION PROGRAMME

A Five day induction programme for the 1st year students of Paramedical was held from 13.11.24 to 18.11.24 at Nightingale hall and Thirumanthiram hall. The Inauguration of the Induction programme was held at Anandha Arangam on 13.11.24. The programme commenced invoking God's special blessings through the prayer song, followed by lighting of the kuthuvilakku. Ms. Anamika Harikumar, II PPSC welcomed the gathering. Shri. CA. N. V. Natarajan Chairman, Paavai Educational Institutions delivered the Inaugural Address in which he shed light on the importance of Paavai slogan which generates positive ideas, wishes and hopes to all.

Smt. Mangai Natarajan, Correspondent, Paavai Educational Institutions felicitated the gathering. She conveyed her wishes and greetings to all. She emphasized that Paavai students should carve a special identity for themselves. She also focused on the Paavai Mantra 'Own our Words and Deeds' which would ingrain strong values, responsibilities and accountability in students. The objectives were read out by Ms. S. Pooja, III Pharm.D, PCPR.

Shri. CA. N. V. Natarajan Chairman, Paavai Educational Institutions delivered his speech on the title 'Goal Setting'. In his session, first and foremost, he interacted with the students about the need of the Goal Setting Programme. Dr. K. Selvi, Dean Academics, delivered her speech on 'Paavai Culture'. She explained the Paavai Mantra, Principles, Belief and Code. C. Jayalakshmi, Dean Counseling, Paavai Institutions delivered her speech on 'Transition from School to College' for the paramedical students. Dr. D. Bhanumathy, HOD, CSE, PEC delivered on the title 'Be liberated, be happy'.

Dr.A.Hepsi Rachel Chellarani Principal, PCNR, delivered her speech on 'Life Saving Skills'. She shed light on life saving skills which are essential for students wherein they learn how to respond to emergency like snake bites, fainting and heart attacks. They learnt basic first aid tips and also watched a relevant videos on CPR.

Dr.M.Premkumar, Principal, PEC spoke on the title 'Involve to Evolve'. He expounded the topic by focusing on participation, involvement in academic and non-academic activities of the college. Dr.K.Sundaramurthy, Head, IQAC addressed the students on 'Time Management'. In his session, he clearly explained about the importance of time and the need for students to manage time productively to achieve their goals in a stipulated time. Dr.J.MurshithaBanu, Head, FDD and Dr.R.Shanthi, HoD, Eng, PEC elaborated the essence of 'Be Fluent. They acquainted the students with the skills of English language such as Listening, Speaking, Reading, and Writing. Dr.Hepsi Rachael Chellarani, Principal, PCNR, Dr.Sivakumar, PCPR, Dr.Chitra, Principal, PIAHS and Dr.C.K.Muralidharan, Principal, PPSC delivered their speech on 'Career Opportunities' in which opportunities galore for the paramedical students in various health sectors. Dr.R.Mohanapriya HoD, ECE, PEC, and Mr.M.D.S.Rajaruban, AP, Food Tech, PEC elaborated on the significance of 'ICT Tools for Learning'. Dr.R.Thamaraiselvan Head, Placement and training, PEC, delivered his speech on 'Placement Opportunities'. He described how to choose a career with clear knowledge. He described clearly about grooming skills, problem solving skills and communication skills. Dr.R.Praveencumar, HoD, Pharma, PEC delivered his speech on 'Essential role of Paramedical Professions in Health Care Sectors' which focuses on providing technical and therapeutic support in health care enhancing health care efficiency. Dr.Ravikumar, Japanese Trainer, PEC, highlighted the importance of Japanese language. His session was very informative and enjoyable. Mr.Elavarasan, Yoga trainer, Paavai Educational Institutions demonstrated the benefits of various asanas and yoga exercises. He instilled the young minds to stay fit and healthy to have a successful life. Totally, 573 students got benefitted from this programme.



ELOCUTION COMPETITION

Departments of English at Paavai Educational Institutions, organized an Elocution Competition at Pragati Hall on 23.11.24. This event aimed to showcase students' public speaking and presentation skills, while emphasizing the importance of effective communication.

The event was graced by the esteemed presence of the CA.N.V. Natarajan, Chairman, Paavai Institutions, Smt. Mangai Natarajan, Correspondent, Paavai Institutions, Dr.K.K.Ramasamy, Director Admin, Principals and Deans whose participation added significance to the occasion. The guest speaker for the event, Mrs. Geetanjali Dilip, Head, Zone Francophone, Salem, delivered a thought-provoking address to the students. In her speech, she highlighted the profound importance of the English language and literature, not just for academic success but for personal growth and effective global communication. She encouraged the students to engage in creative writing, especially poetry, and emphasized the significance of using simple language, clear pronunciation, and correct accents to communicate effectively. The Chairman honoured the chief guest Mrs. Geetanjali with a shawl and memento. Following this, the Correspondent addressed the students, motivating them to adopt English as the campus language to foster better communication and academic success. She encouraged them to embrace the language as a tool for self-expression and professional growth.

The elocution competition saw enthusiastic participation from the students, each displaying their ability to articulate ideas in a vibrant and dynamic manner. The winners of the competition were as follows: S.Nanthini, I-Cyber, PCE, secured the first prize, receiving a cash prize and a certificate. V.Shreenithi, I-CSE, PEC, claimed the second prize, also awarded a cash prize and a certificate. The third prize went to P.Vasanth, I-CSE, PEC, who received a cash prize and a certificate as well. Additionally, the Consolation Prizes were awarded to E.Rajashree, I-CSE, PEC and R.Shruthika, I-CSE, PCE, both of whom received a cash prize and a certificate. At the conclusion of the event, the Chairman and the Correspondent extended their best wishes to all the students, encouraging them to continue participating in future events and the event was a testament to the institution's commitment to fostering creativity, communication skills, and academic excellence among its students.



ESSENCE OF MATHEMATICS

The Department of Mathematics organized National Mathematics Day 2024 to commemorate the birthday of the legendary mathematician Srinivasa Ramanujan. A series of events were conducted to celebrate his remarkable legacy and inspire the students of Paavai Engineering College. The first event, titled 'Essence of Mathematics' (Mathematical Working Model), was held on 27.11.24. The event's theme aimed to encourage students to creatively express their thoughts and ideas about mathematics. Approximately 69 models were displayed by the first-year students of Paavai Engineering College, involving a total of 152 participants. The judging panel was Mrs. M.Vimala, Head, Mathematics, PCE and Dr. Thyagarajan, ASP, CSE, PEC both of whom played a pivotal role in evaluating the students' models. The second event, 'Ramanujan's Legacy' (PPT Presentation on Ramanujan's Life History), took place on 30.11.24. This event aimed to showcase the students' mathematical prowess and presentation skills. Over 55 participants registered for the event, and 10 students were shortlisted by the scrutiny committee. Dr. M.Deepa, ASP, Mathematics, PASCW, served as a jury member for the PPT presentations. She declared the winners on the spot and shared her enthusiastic feedback on the students' work. The two-day celebration of Ramanujan's birthday was a remarkable success. Faculty members encouraged the students to participate enthusiastically, offering them a platform to express their creativity, explore profound mathematical ideas, and honour Ramanujan's significant contributions to the field. The events received overwhelmingly positive feedback and impressive participation, making it an unforgettable and inspiring occasion.



INTERNSHIP IN ASIA UNIVERSITY

The two-week program held from 13.11.24 to 27.11.24 was a meticulously planned initiative aimed at providing participants with a holistic learning experience that blended academic excellence, cultural immersion, and recreational activities. It was hosted by Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA). The program brought together students, educators, and professionals from diverse backgrounds to explore Malaysia's technological advancements, cultural heritage, and sustainability initiatives. Throughout the program, participants engaged in interactive workshops, academic classes, technical lab visits, and cultural excursions. Combining structured learning with real-world applications, the program emphasized global sustainability, cross-cultural understanding, and the integration of innovation into education. The inclusion of leisure activities and informal interactions allowed participants to network, reflect, and recharge, ensuring a comprehensive and enriching experience.

Participants were warmly welcomed at KLIA Airport and safely transported to the UMPSA Gambang Campus via bus. The smooth arrival process set a welcoming tone for the program. Participants checked into the UMPSA Hostel, where they were accommodated. This allowed them to settle in and familiarize themselves with their new environment. Participants traveled to the UMPSA Pekan Campus, where they attended an orientation program with the Heads of the Electrical and Computer Science departments. A Global Sustainability Lecture Series featured talks on the following topics: AI Tools for Scientific Writing, Food Waste Management, Sustainability in Engineering Education and TVET. The integration of cultural studies into academic sessions highlighted the importance of interdisciplinary learning in understanding global perspectives.

The group visited the Petronas Twin Towers, where they admired the architectural marvel and learned about its construction. A visit to Batu Caves, a limestone hill with iconic temples and caves, offered cultural insights and a sense of spirituality. The final stops included the Saloma Bridge, a vibrant modern landmark, and Dataran Merdeka, a historic square central to Malaysia's independence. Participants shared their reflections over dinner before departing for KLIA Airport. The program's conclusion in Kuala Lumpur symbolized a journey of learning, collaboration, and cultural appreciation, leaving a lasting impact on all participants.



ACADEMIC EVENTS

An Awareness programme on 'Career Opportunities in Company Secretaryship' was organized by the Commerce Association for all UG and PG students of PASCW on 04.11.24. Lt.G.Prema, A.P., Commerce highlighted the significant career prospects in Company Secretaryship. Dr. N. Ezhili, Principal, PASCW, presided the function. Lt. G. Prema, A.P. Commerce, PASCW attended the conference and in turn, she created awareness about the career opportunities in Company Secretaryship.



Department of MBA, PEC hosted an online webinar named 'National Entrepreneurship Day' on 11.11.24. Mr. Rajendra Mootha, COO of IIT Madras Research Park was the Chief Guest. In his speech, he stressed the importance of collaboration and establishing incubation centers between Educational Institutions and Industries. This arrangement bridged the gap between theoretical knowledge and practical application.



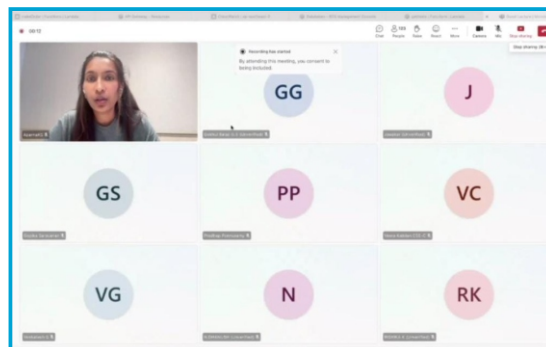
In a significant milestone for the Paavai Organic Farming initiative, students from the Department of Agricultural Engineering, PEC on 12.11.24 have successfully harvested paddy crop. This achievement reflects the students' dedication and hard work in implementing sustainable agricultural practices, aligning with the department's commitment to organic farming. The harvested paddy will be utilized for seed banks for future cultivation, research projects, and distribution within the



In commemoration of World Diabetes Day 2024, Paavai College of Nursing and Research organized a poster presentation and essay competition on the theme Breaking Barriers, Bridging Gaps on 14.11.24 for the Nursing students. The poster presentation saw enthusiastic participation from 20 students, while 50 students showcased their creativity in the essay competition. The winners of each competition were recognized and awarded prizes for their outstanding efforts.



Department of CSE in association with SDIM club organized an Alumni Guest Lecture on 'API Development by Cloud Computing' on 15.11.24. The guest lecture was presided over by Dr. M. Premkumar, Principal, PEC, Ms. K.S. Aparnaa, Senior Software Engineer, Okta, Bangalore, was the chief guest and she highlighted how cloud-based APIs empower developers to design, deploy, and manage applications without managing the underlying infrastructure.



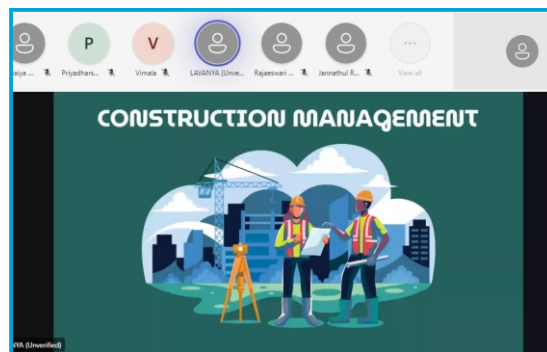
Department of ECE organized a Hospital Visit to 'Sree Jayam Hospital', Mallur on 16.11.24 in order to gain knowledge on 'Medical Electronics'. Mr.R.Suresh, Manager and Senior Lab Technician of the hospital explained and demonstrated various medical instruments like Electro Cardiogram (ECG), Glucose strips and its types, X-Rays, CT scan, ECG and Sphymanometer to the students. Dr. R. Mohana Priya, HoD, ECE, Mr. S. Loganathan, APECE and Mrs. A. Aarthi, AP, ECE organized the visit.



CII-IWN 'Campus to Career Programme' was organized by PEC on 16.11.24. Ms. S. Dilshad Azim, Lead, Campus to Career, IWN Tamil Nadu, Diversity Hub Manager, Bangalore, was the guest and he delivered a lecture on 'Goal setting'. In her address, she pointed out the goal setting is a means to unlock anybody's full potential, build confidence and navigate through life's challenges with clarity and purpose.



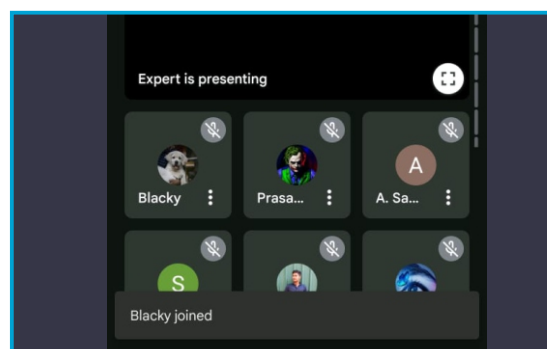
A guest lecture titled 'Introduction to Primavera Software' organized by the Dept. of Civil in association with Paavai Civil Engineering Association, PEC on 16.11.24. Dr. M. Premkumar, Principal, PEC presided over the event. Er. Lavanya C.U., M.E., Project Manager at TVM Engineering Construction, Coimbatore, was the guest speaker and she explained about the various stages of construction and project management. In addition, she gave a demonstration on 'how to use Primavera software'.



An online alumni guest lecture on 'What's Your Next Step?: Career Planning and Development' was organized by the Dept. of Aeronautical Engg. on 18.11.24. Mr. Prammasudhan Chitravel (Batch: 2017-2021), Associate MSS SOC, Zaco R&D Private Limited, Coimbatore was the guest speaker. In his speech, he stressed the significance of continuous learning for both personal and professional development.



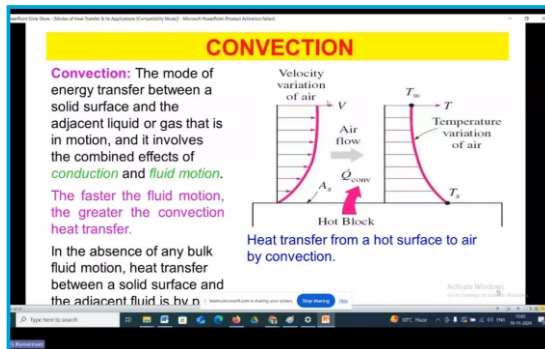
A guest lecture was organized by the Department of BME & MDE on 19.11.24. Mr. K. Gaushik and Ms. Kavushika Nachimuthu, Directors, Expert Edge Medical Innovation, Chennai, were the guest speakers. The topic of the lecture was 'Scopes in BME'. Mr. K. Gaushik discussed various career opportunities in the BME industry. He provided valuable insights into the challenges faced in the field. Ms. Kavushika Nachimuthu offered a comprehensive overview of the biomedical engineering domain, focusing on how students can enter the field.



The Department of ECE in association with ISTE-Erode local centre, PEC, organised a Workshop on 'Innovative approaches to Real time object detection using deep learning' on 19.11.24. In the presidential address, Dr.M.Premkumar, Principal, PEC, emphasized the significance of Artificial Intelligence in real-world scenarios. Mr.R.Sathish, , shared valuable applications of Artificial Intelligence by highlighting the Deep Learning process.



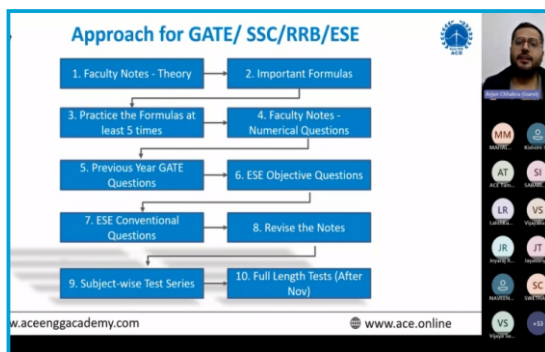
On 19.11.24, a guest lecture on 'Heat Transfer Modes in Engineering Applications' was organized by the Department of Mech, S&F, R&A, and the Resource Club of PEC. The resource person for the event was Dr.G. Kumaresan, Professor & Head, Mech, BIT, Sathyamangalam. In his presidential address, the Head encouraged participants to seize this opportunity to enhance their understanding of heat transfer applications. Dr. Kumaresan spoke on the basics of heat transfer modes.



A motivational session was organized on 19.11.24 by the Department of FT in association with IIC-PEC to inspire young entrepreneurs. The session provided a comprehensive overview of entrepreneurship by Ms. Sowmiya Chandrasekaran, Founder and CEO of Ideal Tummy. During her talk, Ms. Sowmiya addressed various entrepreneurial concepts, including B2B (Business-to-Business), B2C (Business-to-Consumer) models, angel investors, and funding opportunities. The session was impactful and inspiring.



The Department of ECE, PEC, in association with 'The Institution of Engineers (India) – Salem Local Centre' organized a webinar titled 'Unlocking Opportunities: The Role of GATE and other Competitive Exams' on 20.11.24. In the Keynote address, Mr.Arjun Chhabra, Faculty, ACE Engineering Academy, Hyderabad insisted on the importance GATE and other competitive exams like CAT, or UPSC and others how competitive exams open doors to prestigious government and public sector jobs.



The CII-IWN, PEC, Campus to Career Programme was held on 23.11.24. The presidential address on 'Winning Personality Traits' was delivered by Dr. M. Premkumar, Principal, PEC. Ms. Shahnaz Azeez, Counseling Psychologist, & NLP Business Practitioner, Chennai, conducted an engaging session on Winning Personality Traits. During her session, she explored the essential characteristics that contribute to building a successful and influential personality.



SOCIAL SENSITIVITY

Paavai Engineering College 10 NSS volunteers provided volunteership on 13.11.2024 for Alia Elangai Amman Kovil Hundial amount counting.



On 16.11.24, Talent Quest for India of PEC, hosted a Guest Lecture on the topic 'Effective English for Professional Success & the Art of Competent Professional Etiquette'. Dr.K.K.Ramasamy, Director Admin, welcomed the gathering. The resource speakers Mr. S. Aravindkumar from Walmart and Mr. V. Roshankumar from Talent Quest for India. The speakers delivered insightful talks, leaving the audience inspired with valuable strategies for professional growth.



On 18.11.24, Paavai TQI Namakkal Custer team concluded the third day of the summit and thematic sessions successfully for Bodinakenpatty and Muthukapatty Panchayats. In Bodinakenpatty, students engaged in activities such as mind mapping, sports evaluation, and the traditional Pallanguzhi game. Students learned mind mapping, teamwork, and response vs reaction, participated in games like Pallanguzhi, Chess, and Pambaram, and concluded with feedback sessions.



On 19.11.24, Paavai TQI celebrated International Men's Day with heartfelt gestures, distributing greeting cards and chocolates to male faculty and staff, Faculty members expressed gratitude and shared motivating words, while the TQI meeting acknowledged and appreciated male volunteers for their contributions. The day concluded with cherished moments and a sense of fulfillment for everyone involved.



On 23.11.24, TQI Paavai முகாம் Team visited the historic Kailasanathar Temple in Salem, renowned for its rich Tamil cultural heritage and ancient scriptures. A grandmother shared fascinating hidden facts about the temple, turning the visit into an engaging and fulfilling experience for the team and other visitors. The team marveled at the 800-year-old architectural wonders and excited to share their experience soon through a vlog and முகாம் magazine.



HOW TO CHOOSE APPROPRIATE JOURNALS - A CHECKLIST

Choosing the right journal to publish is a significant decision for a researcher as it can make a big difference to the reach and impact of the work. Choosing the journal before starting to write the paper will help to tailor the work to build on research that's already been published in journal of choice. In this way the specific format of that journal, word/page limits and other restrictions and also improve the chances of acceptance. There are now about 30,000 academic journals in existence – from niche ones to open access journals which necessitate some guidelines to choose the right one.

CHECKLIST FOR CHOOSING A JOURNAL

Build a shortlist

Ø **Desk research:** Apart from taking a look at familiar journals, one can search library subscriptions, tools like Google scholar and even tandfonline.com for journals in your subject area.

Ø **Speak to colleagues and supervisors and your librarians:** Speak to knowledgeable people around you and ask a whole range of questions to get ideas about suitable journals for your subject area.

Ø **Explore journal suggerter tools:** There are several 'Journal Suggester' tools by publishers in which you can copy and paste your abstract and hit the 'Reveal Suggested Journals' button to get a response.

Ø **Search 'Calls for Papers':** Most journals remain open for general submissions year-round. But journals may call for special issue with a particular theme or topic which may suit your area. T & F provides special issue services at calls for papers page on Author Services.

Refine your shortlist

Ø **Familiarize yourself with journal content:** Reviewing contents of the past issues of a journal will make you understand whether your area fits it. You can also build on the 'conversation' within the journal through your paper. To keep up to date with a journal, you can sign up for the table of contents alerts. You can register for an account on Taylor and Francis online for such service.

Ø **Review journal aims and scope statements:** Aim refers to journal's objective and how it achieves it, is the scope. This statement provides introduction, outline of subjects, type of articles published, peer review policy and information about open access publishing options. After reading it, you can check the relevance of your research, appropriateness of your manuscript to the journal and whether similar works have been published. It is important to reference the aims and scope in your cover letter which would impress the editor.

Ø **Understand journal audiences:** Your research should be relevant to the audience, otherwise you risk rejection if it is a field-specific (specialist) journal. Otherwise you can opt for a general-interest journal that covers a broad range of topics. Next question is whether it should be an international journal or region-ts

Ø **Review journal affiliations, the editorial board, and previous authors:** Look into aspects like whether the editors and editorial board members are respected in their field, journal affiliations are reputed and also previous authors are well-known researchers or academicians.

Ø **Get to know journal policies and processes:** Every journal has its own set of policies and procedures. These can cover everything from how they conduct peer review to the process for submitting your article. Also a publishing group like T&F may have different editorial policies for their portfolio of journals. We should see whether it suits our preferred option.

Ø **Check which article formats are accepted:** Specifications given by the journal like accepted format, word counts, number of references and other limitations should be kept in mind before writing your article which will save a lot of time and unnecessary trouble towards the end.

Ø **Understand your publishing options:** Whether you want to publish your research in open access or for journal subscribers only? Select your journal according to your preference. At present, more authors are publishing their work in open access journals of good quality which has many benefits like increased visibility, readership and citations.

Ø **Ask about journal metrics and discoverability:** Journal **metrics** are tools used to measure the performance and impact of a journal. The metrics are calculated in different ways for different tools such as: Impact, 5 year Impact Factor, SNIP (Source Normalized Impact per Paper), CiteScore, SJR (Scimago Journal Rank), Cited Half-Life, Eigenfactor, Altmetric Attention Score etc. (Some researchers strongly recommend to consider 'audience' instead of impact factor (it indicates only citations not quality) of the journal for good citation).

Discoverability refers to finding relevant research to cite and build upon. This means publishing in a journal that is included in the right databases can help your research be found, cited and deliver more impact. Journals that are well indexed (abstracting and indexing services) have wide spread coverage in databases like Google Scholar, Web of Science, Scopus, MEDLINE, PubMed, Directory of Open Access Journals (DOAJ) etc.

Make sure you trust the journal you have selected:

How to avoid predatory (fake) publishers? Authors get cheated by fake journals with the names of reputed publications. To check whether the publishers are real, a tool called **Think.Check.Submit** is developed by coalition of scholarly communications organizations to make the process of choosing the right journal for your work simpler and safer by evaluating the trustworthiness using simple checklist.

Source: <https://authorservices.taylorandfrancis.com/publishing-your-research/choosing-a-journal/>

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.Murugesan ASP - BME, PEC	Intelligent Methods in Electrical Power Systems, Springer Nature Singapore.	An Application of Artificial Bee Colony and Cohort Intelligence in the Automatic Generation Control of Thermal Power Systems	ISBN 9789819757176

Name of the Faculty with designation	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
S.Vijayakumar Prof - ECE, PEC	Physica Scripta, IOP Publishing	Comprehensive evaluation of recombination confined performance of CuGaO ₂ for solar cell application	https://doi.org/10.1088/1402-4896/ad7a3d , 2024
Dr.R.Praveencumar Prof - Pharma, PEC	Frontiers in Health Informatics, Publisher: Iranian Medical Informatics Association (IrMIA)	Formulation and assessment of an acne gel containing eclipta alba-derived silver and copper nanoparticles	Vol 13: Issue 7, pp 101-109, November, 2024

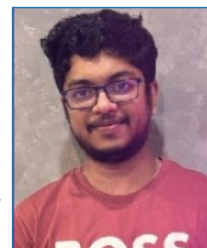
Department of Physical Education Zone & Interzone 2024

Date	Game	Venue	Level	Position
05.11.2024	Ball Badminton (W)	Paavai College of Engineering	Zone	3 rd
05.11.2024	Handball (M)	Paavai Engineering College	Zone	2 nd
07 & 08.11.2024	Handball (M)	Paavai Engineering College	Interzone	Overall 1 st
08.11.2024	Kho Kho (M)	Paavai Engineering College	Zone	1 st
11.11.2024	Hockey (M)	Adhiyamaan College of Engg., Hosur	Interzone	3 rd
13.11.2024	Judo (M & W)	Kongunadu College of Engg. & Tech. Thottiam	Interzone	Overall 1 st
23.11.2024	Boxing (W)	Govt. College of Engg. Bargur	Interzone	Overall 1 st
24.11.2024	Boxing (M)	Govt. College of Engg. Bargur	Interzone	3 rd
25 & 26.11.2024	Kho Kho (M)	Paavai Engineering College	Interzone	Overall 1 st

Alumni Testimonial

PAAVAI ENGINEERING COLLEGE

B.NITHISH KUMAR
B.E - MCTS, 2016 - 2020
Software Development Engineer
M2P Fintech, Chennai



I am B.Nithish Kumar of MCTS department. The study at Paavai Engineering College was transformative, providing me with a strong foundation in academics and practical skills. The supportive faculty, state-of-the-art facilities, and vibrant learning environment shaped my career and personal growth. I am grateful for the invaluable experiences that continue to inspire my professional journey.

PAAVAI COLLEGE OF ENGINEERING



V.BAVANESHPATHY

B.E - AUTO, 2016 - 2020

Senior Engineer / Electrical wiring harness
Axiscades Technologies Pvt. Ltd, Bangalore

I, Mr. Bavaneshpathy V, would like to express my sincere appreciation to PCE for its unwavering support throughout my bachelor's journey. I am truly grateful for the opportunity to share my thoughts and experiences about the institution. The past few years at Paavai have been a significant steppingstone in my academic and personal development. Despite facing challenging circumstances, the college has consistently provided me with the resources and guidance I needed to achieve my goals. From the very beginning, the college ensured that I had access to all the essential information, and I deeply appreciate the level of effort and patience shown, especially during the virtual learning phase. I would also like to acknowledge the personal guidance I received from my assigned faculty mentor, who played a key role in helping me navigate various challenges. Their support has been invaluable. Finally, I must emphasize that PCE has provided an excellent platform for skill development. It has been a truly enriching learning experience.

PAAVAI POLYTECHNIC COLLEGE



R.RAMYA

DEEE - 2008 - 2011

Junior Engineer
TNEB

I feel happy to share that I have done Diploma in EEE and Now I am working in TNEB as Junior Engineer. my time spent at this amazing institution. Beyond merely being a location to study, our Paavai institution was a community that fostered our development, pushed our intellectual limits, and influenced our futures. I found my passions, made connections that will last a lifetime, and made priceless memories inside these walls. As a graduate, I remind you all to stay in touch, give back, and keep changing the world for the better. I carry the institution's legacy with us. Thank you for giving us a solid platform for success. I would like to thank my teachers for their guidance and mentorship. My grateful thanks to the support of our Institution. I am grateful for the opportunity to study at Paavai institution.

PAAVAI COLLEGE OF PHARMACY AND RESEARCH



Z.ABDHUL HADHIL

B.Pharmacy, 2018 - 2022

Asst.Pharmacist in MEDX Pharmacy
Dubai

I am Z.Abdhul Hadhil of Paavai College of Pharmacy and Research, Namakkal. Batch of 2018-2022. Now Working as Assistant Pharmacist in Medx Pharmacy, Dubai, I am drawing 70,000/- per month.

PAVAI ARTS & SCIENCE COLLEGE FOR WOMEN



S.LAVANYA

B.Sc - CS, 20 - 20

Process Associate - First American India
Chennai

I am Lavanya.S, Alumina of PASCW. Currently, I am working as a Process Associate -First American India, Chennai.My college experience has been truly transformative, shaping me into a stronger and more resilient individual. Through overcoming challenges and seizing opportunities, I discovered my strengths and weaknesses, emerging more confident and self-assured. Notably, the college's emphasis on innovation and creativity enhanced my problem-solving skills and broadened my global perspectives. Furthermore, the unwavering support and guidance from faculty and peers empowered me to navigate complex challenges and remain resilient in the face of adversity. I would like to thank the college administration and the staff members for forging me into the person I am today. I will always cherish the memories and lessons learned during my time here.

Wall of Fame

ELOCUTION COMPETITION ON

'ENGLISH - A KEY TO UNLOCKING GLOBAL ENGINEERING OPPORTUNITIES

II PRIZE



V.SRINITHI

I - CSE, PEC

Elocution Competition
23.11.2024

I PRIZE



S.NANDHINI

I - CYBER, PCE

Elocution Competition
23.11.2024

III PRIZE



P.VASANTH

I - CSE, PEC

Elocution Competition
23.11.2024

ENTERPRENEURSHIP DEVELOPMENT AND INNOVATION INSTITUTE, TAMILNADU



Dr.P.PUGALENTHI

ASP - MECH, PEC

EDC Co ordinator

Achievers Award, EDII,TN, 19.11.2024



S.GOWTHAM KUMAR

AP - FT, PEC

Faculty Start up

Achievers Award, EDII,TN, 19.11.2024



MSME awarded III prize in Namakkal Collectorate

J.VISWA, I.PREM & R.KAVINKUMAR

III - MCTS, PEC

ENGLISH GROVE

SOUNDS OF ENGLISH

The English language has 44 sounds, also known as phonemes, which are divided into 8 vowels, 12 diphthongs and 24 consonants.

Vowels:

/I/	as	in sit, fish, pin, hill
/e/	as	in bet, pen, red
/æ/	as	in cat, man, bat, map
/ʌ/	as	in cup, fun, luck
/ɒ/	as	in hot, lot, on, dog
/ɑ/	as	in father, car, dark
/ʊ/	as	in book, put, foot
/i:/	as	in seat, see, tree
/u:/	as	in blue, food, moon
/ɑ:/	as	in car, father, start
/ɔ:/	as	in saw, more, thought
/ɜ:/	as	in bird, her, turn

Diphthongs (Gliding Vowels)

/eI/	as	in day, say, weight
/aI/	as	in my, try, buy
/ɔI/	as	in boy, toy, enjoy
/aʊ/	as	in now, cow, house

/əʊ/	as	in go, show, slow
/Iə/	as	in ear, here, near
/eə/	as	in air, there, care
/ʊə/	as	in pure, tour, cure

Consonants

Consonant sounds in linguistics are speech sounds produced when airflow is either partially or completely obstructed by the articulators (e.g., tongue, lips, teeth, etc.).

/p/	as	in pen, spin, top
/b/	as	in bat, rabbit, cab
/t/	as	in top, start, cat
/d/	as	in dog, add, bed
/k/	as	in cat, kick, back
/g/	as	in go, bag, give
/f/	as	in fun, fish, leaf
/v/	as	in van, very, leave
/θ/	as	in thin, think, both
/ð/	as	in this, that, mother
/s/	as	in sun, sit, kiss
/z/	as	in zoo, buzz, his
/ʃ/	as	in she, shop, fish
/ʒ/	as	in measure, vision, leisure
/h/	as	in hat, help, house
/tʃ/	as	in chop, chess, watch
/dʒ/	as	in jump, judge, bridge
/m/	as	in man, more, dream
/n/	as	in no, night, pen
/ŋ/	as	in sing, long, king
/r/	as	in red, right, more
/j/	as	in yes, yellow, young
/w/	as	in we, water, wet
/l/	as	in love, lemon, call

Paavai in Press



பாவை கல்வி நிறுவனங்களில் அப்துல்கலாம் நினைவாக நடத்தப்பட்ட பல்வேறு போட்டிகளில் வெற்றிபெற்றவர்களுக்கு, சேர்மன் ஆடிட்டர் நடராஜன் மற்றும் தாளாளர் மங்கை நடராஜன் ஆகியோர் சான்றிதழ் வழங்கினர்.

பாவை கல்வி நிறுவனங்களில் அப்துல்கலாம் சிறப்பு பட்டிமன்றம் போட்டிகளில் வென்றவர்களுக்கு பரிசு
ராசிபுரம், நவ.7- முன்னேற்றத்தை உருவாக்க முடியு



பாவை பொறியியல் கல்லூரியில் தேசிய அளவிலான தொழில்நுட்ப கருத்தரங்கு
ராசிபுரம், நவ.10- பாவை பொறியியல் கல்லூரியில் தேசிய அளவிலான தொழில்நுட்ப கருத்தரங்கு நடைபெற்றது. இதில் பாவை கல்வி நிறுவனங்களில் இருந்து கலந்துகொண்டவர்கள் பரிசு பெற்றனர்.

பாவை இன்ஜினியரிங் கல்லூரியில் ஆங்கில துறை சார்பில் பேச்சுப் போட்டி
ராசிபுரம், நவ.25- பாவை இன்ஜினியரிங் கல்லூரியில் ஆங்கில துறை சார்பில் பேச்சுப் போட்டி நடைபெற்றது.



பாவை கல்வி நிறுவனங்களில் பாண்டி வகுப்புகள் தொடக்க விழா
ராசிபுரம், நவ.15- பாவை கல்வி நிறுவனங்களில் பாண்டி வகுப்புகள் தொடக்க விழா நடைபெற்றது.

பாவை பொறியியல் கல்லூரியில் போதை ஒழிப்பு விழிப்புணர்வு ஊர்வலம்
ராசிபுரம், நவ.26- பாவை பொறியியல் கல்லூரியில் போதை ஒழிப்பு விழிப்புணர்வு ஊர்வலம் நடைபெற்றது.



இன்ஜினியரிங் கல்லூரியில் டெக்ஸ்பெர்டிஸ் நிறுவனத்தின் கருத்தரங்கு நடைபெற்றது.

பாவை இன்ஜினியரிங் கல்லூரியில் அளவிலான தொழில்நுட்ப கருத்தரங்கு டெக்ஸ்பெர்டிஸ்
ராசிபுரம், நவ.11- பாவை இன்ஜினியரிங் கல்லூரியில் அளவிலான தொழில்நுட்ப கருத்தரங்கு நடைபெற்றது.



பாவை பொறியியல் கல்லூரியில் தேசிய அளவிலான தொழில்நுட்ப கருத்தரங்கு
ராசிபுரம், நவ.12- பாவை பொறியியல் கல்லூரியில் தேசிய அளவிலான தொழில்நுட்ப கருத்தரங்கு நடைபெற்றது.

பாவை பொறியியல் கல்லூரியில் பேச்சுப் போட்டி
ராசிபுரம், நவ.25- பாவை பொறியியல் கல்லூரியில் பேச்சுப் போட்டி நடைபெற்றது.

With best compliments from :

Paavai Engineering College (Autonomous)

Paavai College of Engineering

Pavai College of Technology

Paavai Polytechnic College

Pavai Arts & Science College for Women

Paavai College of Education

Paavai Teacher Training Institute

Paavai College of Pharmacy and Research

Paavai College of Nursing and Research

Paavai Institute of Allied Health Science

Paavai Physiotherapy Science College

Paavai Vidhyashram CBSE School

Paavai Matriculation Higher Sec. School

Paavai Vidhyashram School - Salem Campus

Paavai IAS Academy

Paavai Nrithyalaya



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