



PAAVAI

EDUCATIONAL INSTITUTIONS

Think Education... Think Paavai.

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

PAAVAI VOICE

APRIL - 2026

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 and pride to present this message as we celebrate another successful year marked by excellence, dedication and collective achievement. Our institution has always believed that education is not merely about acquiring knowledge but about developing character, leadership, innovation and social responsibility. Every event organized on our campus reflects this vision and contributes to the holistic growth of our students and faculty members.

One of the most significant milestones of this academic year is our Placement Day, which symbolizes the successful transformation of the students into competent professionals. The impressive placement records achieved by our students are a testament to their hard work, determination and continuous learning. Mr. Pari, Inspector General of Police (Retd.) was the chief guest. Seeing our graduates' secure positions in reputed national and multinational organizations fills us with immense satisfaction and confidence in the future they are building.

Equally inspiring is our Sports Day, which celebrates the values of discipline, perseverance, teamwork and resilience of our students. Dr. Harini Muralidharan, founder and Co-director of 'The Performance Doctor, Chennai' and also the doctor and manager of RCB Women's cricket team was the chief guest of the programme. Sports play a vital role in shaping an individual's personality by promoting physical fitness and mental strength. The enthusiastic participation of students in various athletic and sporting events demonstrates that success is achieved through dedication, practice and a positive attitude. Every participant, whether a winner or not, deserves appreciation for displaying true sportsmanship and determination.

The Faculty Seed Grant Award Function is a special occasion dedicated to recognizing the invaluable contributions of our educators. Teachers are the guiding force behind every student's success and their commitment to academic excellence, research, innovation and mentorship deserves the highest appreciation. To honor the faculty members for their outstanding project proposals and contributing to research and innovation, certificates were distributed. Faculty members should encourage the students and act as role models for students by fostering a strong research culture within the campus.

The Farewell Day is an emotional yet memorable event that marks the beginning of a new chapter in the lives of our graduating students. As they step beyond the campus into the professional world, they carry with them the knowledge, values, friendships and experiences gained during their years of study. Students should become responsible citizens and successful professionals contributing meaningfully to the society. They are the real ambassadors of our institution.

As we move ahead, our institution remains committed to fostering innovation, research, ethical values and academic excellence. We will continue to create opportunities that empower students to realize their full potential while encouraging faculty members to pursue excellence in teaching and scholarship. I extend my heartfelt appreciation to the academicians, staff, students, parents, alumni and industry partners for their unwavering support and dedication. Together, with a shared vision and collective effort, we shall continue to achieve greater milestones and build an institution that inspires generations to come. I wish everyone success, good health and a future filled with opportunities and accomplishments.

Warm regards,

Chairman

Placement Day'26

The Placement Day celebration was held at Paavai Educational Institutions on 30.04.26 at Anandha Arangam. The event was presided over by Shri CA. N. V. Natarajan, Founder and Chairman who delivered the presidential address. The special guest for the occasion was Mr. Pari, Inspector General of Police (Retd), Western Zone. The event commenced with a welcome address by Mr. Ajmal Thasheen, IV-Cyber, PEC. Mrs. Mangai Natarajan, Correspondent, Paavai Educational Institutions, delivered the felicitation address.

The chief guest Mr. Pari, Inspector - General of Police (Retd.) delivered the special address. In his speech, he said, 'My congratulations to all of you who have received job offers as the next step in your life journey. This is a very special day for you. As you move on to work in leading companies, you will begin to experience the realities of life. Whatever the organization may be, as you start your career, make sure to gain complete work experience. Experience is the foundation of your professional growth. Whatever task you take up, treat it as your own work and complete it with dedication, focus and full effort. Professional commitment, honesty and trust are essential in your work. Develop your job-related skills fully. Through your hard work, you should become indispensable to your organisation. With your unique talents, you can grow personally and also contribute to the growth of your company.

You must gain complete expertise in your core field. When it comes to career advancement, apply everything you have learned in practice. At the same time, strengthen your understanding of



fundamental concepts of science and technology. Adapt yourself to the work culture and environment of your organisation and perform thoughtfully while implementing innovative ideas. Always strive to contribute beyond expectations in your job. It will support your growth. Only when you realize your full potential and act upon it you can become successful in life. Finally, maintain a good family life and take care of your parents with responsibility. My best wishes to all of you'. Earlier, Shri CA. N. V. Natarajan, Founder and Chairman, honored the chief guest with a memento. Subsequently, the chief guest and the Chairman distributed job offer letters to 3,124 students who secured placements in leading companies such as Tech Mahindra, Infosys, HCL, Wipro, CTS, TCS, etc. The event concluded with a vote of thanks by Ms. Swathinisri, IV-CSE, PEC followed by the national anthem.



Sports Day'26

The Sports Day celebration was held at Paavai Educational Institutions. Shri CA N. V. Natarajan, Founder and Chairman, Paavai Educational Institutions, presided over the function and delivered the presidential address. The special guest for the occasion was Dr. Harini Muralidharan, Founder and Co-Director of 'The Performance Doctor', Chennai, and also the doctor and manager of the RCB Women's Cricket Team. Mr. Ajmal Thasheen, IV-Cyber, PEC, delivered the welcome address and warmly welcomed the gathering. The Chairman and Correspondent honored the special guest with a memento and a shawl. Yoga Trainer Mr. Ilavarasan presented the annual report.

Mrs. Mangai Natarajan, Correspondent, Paavai Educational Institutions, felicitated the gathering. Following this, the special guest, Dr. Harini Muralidharan, delivered an inspiring speech. In her address, she expressed her happiness in witnessing Paavai Educational Institutions consistently emerging as a leading institution among Anna University Engineering Colleges by producing outstanding achievers in sports. She emphasized that to progress to higher levels in sports, students must follow key principles: such integrity, perseverance and accountability and sense of responsibility.

She further advised students that they should be true to their sport and give their hundred percent commitment, rather than merely playing for their coaches. She highlighted that success can be achieved through continuous effort and self-confidence, even in challenging situations. She also stressed the importance of responsibility, stating that only when players perform with dedication and accountability both individuals and teams can succeed. She added that a healthy body fosters a healthy mind and sports play a vital role in achieving physical well-being. She appreciated the institution for providing excellent facilities and encouraging students to actively participate in sports. She also acknowledged the support of the Physical Education Department, teachers and coaches in shaping students' achievements.

She expressed her delight at the availability of international-standard sports facilities in campus and noted that such efforts have contributed to Paavai Educational Institutions winning the Anna University 'Champions of Champions' title continuously for ten years. She encouraged students to



always believe in themselves and said that if the same focus and determination shown in sports are applied to academics, they would shine brilliantly. She also mentioned that sports can serve as a strong foundation for career growth and noted that many students from the institution have secured positions in the army, revenue department, banking sector and police department. She concluded by wishing students success in achieving excellence at international levels, including the Olympics and bringing pride to the nation.

Subsequently, the special guest along with the Chairman, Correspondent and college administrators, distributed trophies and medals to the winners of various sports competitions and to the coaches. Finally, Ms. Jessica, a second-year Electronics and Communication Engineering student, proposed the vote of thanks and the event concluded with the National Anthem.



Faculty Seed Grant Award Function

Paavai Educational Institutions organised a special function to honor faculty members for their outstanding project proposals and contributions to research and innovation. The event was presided by Shri CA N.V.Natarajan, Founder and Chairman, Paavai Educational Institutions, who presided over the ceremony. The programme commenced with a welcome address by Dr. R.R.Krishnamoorthy, Director-Research, Paavai Educational Institutions. Smt. Mangai Natarajan, Correspondent, Paavai Educational Institutions, felicitated the gathering and appreciated the efforts of the faculty members in promoting research and entrepreneurship activities within the institution.

Delivering the presidential address, Shri CA N. V. Natarajan emphasised the importance of research and innovation in higher education. He stated that faculty members should not confine themselves only to classroom teaching, but should also actively engage in research, innovation and entrepreneurial initiatives. He highlighted that the institution has been continuously encouraging faculty members to undertake innovative projects and research activities that would contribute to the academic and societal development of the nation. He further noted that the awards and financial support provided through such initiatives would motivate faculty members to transform their innovative ideas into successful projects and commercially viable products. He encouraged the professors to become mentors and role models for students by fostering a strong research culture within the campus. He also expressed his expectation that more faculty members would come forward with quality research project proposals in the future.

During the ceremony, certificates were presented by Shri CA N. V. Natarajan and Smt. Mangai Natarajan to faculty members who excelled in research and entrepreneurship activities. For excellence in Research and Development, certificates were awarded to Mrs. Sathya, Mr. Saravanan, Mr. Hariprakash and Mrs. Divya from the Department of Physics. Certificates for the Best Entrepreneurship Project were presented to Dr. Mohanapriya, Mrs. Gangarani, Dr. Kailash and Mr. Gautham Kumar. The programme concluded with the vote of thanks proposed by Mrs. Gangarani, AP, ECE, PEC. The event came to an end with the National Anthem.



A five day Induction Programme for the recently recruited faculty members

The Faculty Development Department organised a five day Induction Programme from 16.04.26 to 22.04.26 for the recently recruited faculty members to make them familiar with the institutional practices and the instructional strategies of teaching and learning, because teachers are considered to be the pillars of Paavai. The inaugural ceremony was held at Smart Hall on 16.04.26. The programme started by invoking God's bountiful blessings with the prayer song, followed by lighting of the kuthuvilakku. Shri. CA N.V.Natarajan, Chairman, Paavai Educational Institutions, delivered the Inaugural Address in which he highlighted that the culture of the organisation plays a vital role in shaping the values and behaviour of its members. He emphasised on the importance of discipline, faith and confidence, which contribute to the professional development of faculty members. He further added that teachers should focus on building a strong and lasting legacy in the noble vocation of teaching and reiterated the importance of nurturing young minds who would in turn contribute to the nation. The Correspondent explained the importance of the induction process in developing teaching skills interspersed with high values and an ardent desire for their profession. Dr.K.Selvi, Dean Academics, PEC welcomed the gathering. The objectives and methodology of the induction programme were spelled out by Dr.J.Murshitha Banu, Head, FDD, PEC. 42 faculty members from Paavai Educational Institutions attended the Induction Programme.

After the inauguration, the formal sessions commenced. Shri.CA.N.V.Natarajan, Chairman, Paavai Educational Institutions conducted the session on the topic entitled 'Paavai on the Path of Progress'. The session commenced with an illuminating overview of the illustrious journey of Paavai Educational Institutions since inception. Dr.K.Selvi, Dean Academics, PEC, elaborated on the profound significance of Paavai Culture, emphasising its role in shaping disciplined and value-driven individuals. She highlighted the essence of the Paavai Mantra, which instils confidence, positivity and a sense of purpose in both faculty and students. Dr. K.K. Ramasamy, Director-Administration in his session on 'Administrative Guidelines of Paavai', enumerated the administrative policies, responsibilities, communication procedures and institutional work culture. Dr. R.R. Krishnamurthy, Director Research, spoke on the topic 'Building a Vibrant Research Culture'. He focused on promoting innovation, research ethics and academic excellence among faculty members. Dr. M.Premkumar, Principal, PEC spoke on the topic 'Beyond Curriculum'. He highlighted the institution's achievements in industry collaborations, internships, global certifications, entrepreneurship activities, sports and community outreach programs. Dr.N.Ezhili, Senior Principal, PASCW and Research coordinator, PEC through her topic 'Navigating Outcome based Education - A Roadmap for Excellence' highlighted the need for holistic learning, digital literacy and skill development to meet modern educational demands. Mrs.Kamala Krishnamurthy, Head, PIF conducted a hands-on training on the efficient usage of the AI tool powered research and note-taking tool NotebookLM. She encapsulated its features such as generating



summaries, study guides, FAQs and citation-based content from uploaded academic resources. Dr. J. Murshitha Banu, Professor and Head, FDD, spoke on the topic 'Be Fluent', which highlighted the importance of communication skills and micro teaching in higher education. Dr. B.MuraliBabu, CoE, elaborated on the critical importance of the Examination System during the faculty induction programme. Dr.P.S.Senthilkumar, Head, Placement and Training spoke on the title 'Placements in Paavai'. He explained that Paavai has demonstrated a strong commitment to placements, fostering a robust industry-academia connection that benefits its students. Dr. K. Sundaramurthy, Head, IQAC, PEC highlighted the importance of IQAC in promoting excellence in teaching, learning, research and administration, supporting faculty members through professional development programmes, innovative teaching practices and research initiatives. Dr. D. Banumathy, Head, CSE conducted a workshop on the title 'Hands-on MOODLE'. The session provided practical training on the use of the MOODLE Learning Management System for academic activities. The valedictory function took place on 22.04.26. Faculty members provided their feedback, marking the successful conclusion of the induction program.

Farewell Meeting for Final Year Students @ PASCW

A Student Feedback Session for the final-year students was conducted at Pavai Arts and Science College for Women on 20.04.26. The event was presided by the esteemed Chairman of Paavai Educational Institutions, the beloved Correspondent, PEI and Principal, PASCW. The session commenced with a prayer song and Tamilthai Vazhthu rendered by the students. S.Varshika of III B.Sc. CS, PASCW delivered the welcome address. During the interaction, students shared positive feedback on the placement opportunities and the knowledge they had gained through the institution. The Chairman engaged directly with the students, addressing their feedback and concerns. Hostel students suggested conducting monthly meetings to discuss hostel-related matters. The students expressed that knowledge and discipline are the pillars of Paavai. The Correspondent appreciated the students' maturity in voicing their needs and encouraged them to continue learning and upskilling for better placement prospects. The session concluded with a vote of thanks proposed by Padmapriya, II N&D followed by the National Anthem.



Academic Events

The Dept. of ECE, PEC, in association with the Institution of Engineers (India) and New Technology, organised a guest lecture in online mode on 'IoT-Based Smart Energy Management: Cloud Analytics and System Design Challenges' on 01.04.26. The resource person Dr.C.Ganesh, ASP, CCE, Sri Eshwar College of Engineering, Coimbatore, highlighted key aspects such as system architecture, data processing techniques and scalability issues.



The Dept. of CSE IoT, in association with the PIF, organised a one-day workshop titled 'Artificial Intelligence Integrated Internet of Things: Concepts, Architectures, and Applications' on 02.04.26. The resource person was Mr. Santhosh Jayachandran, Co-Founder and CEO of Petals Automation, Madurai. He provided detailed insights on AI-integrated IoT systems, including system architecture, design principles, and implementation strategies.



The Dept. of Cyber Security organised Cyber Hackathon 2K26 on 02.04.26, PEC. The hackathon was conducted with the objective of encouraging students to collaborate, innovate and develop impactful solutions for real-world challenges. The event focused on key domains such as Cybersecurity, IoT, AI, FinTech, Smart Cities and Social Impact. The event provided a dynamic platform for students to showcase their talents, exchange ideas and gain practical exposure to real-time problem-solving.



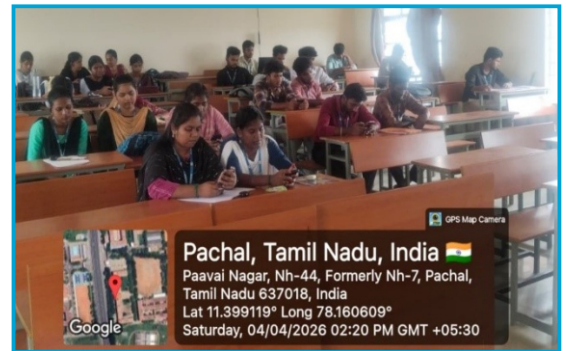
On 04.04.26, an alumni guest lecture was organised by the Mech and Auto, PCE on 'Sustainable Mobility and Automotive Design'. The guest speaker was Mr.P.Naveenkumar, Auto, (2019-2023 Batch) an alumni of PCE. He is currently working as a Design Engineer, Hinduja Tech Mobility, Perungudi, Chennai. He has rich experience in the field of design Engineering (CATIA Software). The session aimed to enhance students' knowledge in CAD modelling and familiarize them with industry-standard design tools.



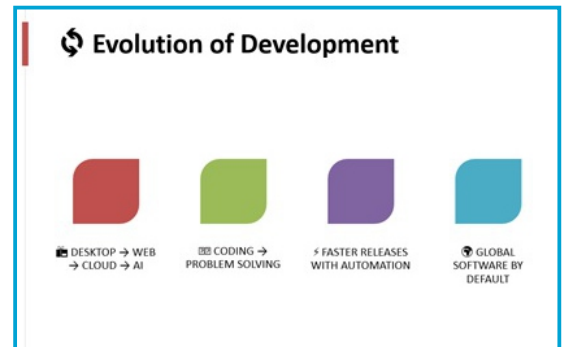
The Dept. IT organised an Alumni guest lecture on 04.04.26. The session was delivered by Ms.Mahalaksmi Angusamy, Tech Lead at Tech Mahindra and alumna of the 2010-2014 batch. Dr.K.Selvi, Dean Academics, delivered the Presidential Address and motivated students to adopt innovative approaches. The speaker highlighted real-world applications, career opportunities, industry-required skills, certifications and career pathways. The session was interactive, well-structured and aligned with current industry expectations.



The Dept. of AI&DS, PEC organised an online workshop on 04.04.26, titled 'Agentic AI-Autonomy, Planning and Tool Use'. Led by the expert trainer, Mr. K. Suresh Krishna, covered planning and decision-making processes used by AI agents to analyse situations and execute tasks effectively. Additionally, the importance of tool usage in AI was explained, demonstrating how AI systems integrate with APIs and external tools to enhance performance.



The Department of MCA, PEC in association with the IIC, organised an online webinar titled 'The Technologies Powering the Next Generation of Developers' on 04.04.26. The resource person was Suhas Parameshwara, Senior Software Engineer, Senior Full Stack Engineer, and Microsoft MVP at Conga, Marathahalli, Bengaluru. He explained modern technological domains such as cloud computing and DevOps, covering aspects like server management, containerization, cloud services, CI/CD pipelines and global scalability.



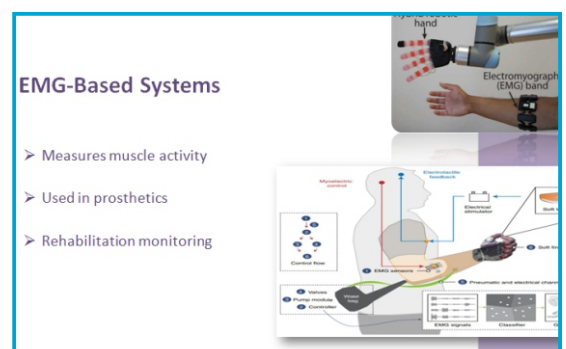
The dept. of IT, PEC organised an alumni guest lecture in the topic 'Are You Industry-Ready? Trends & Grooming that Matters' on 04.04.26. The guest speaker, Ms. Mahalaksmi Angusamy, Tech Lead at Tech Mahindra, Chennai, effectively highlighted real-world applications, career opportunities, and the skills required to enter various domains. The objective of the session was to create awareness about current industry trends and expectations across various domains and to bridge the gap between academic learning and industry requirements.



The Dept. of BBA, PASCW organised an alumni guest lecture on 06.04.26. The session was delivered by Ms. R. Janarthini, Relationship Officer, at HDFC Bank, Coimbatore, Batch 2022-2025 and Ms. S.Preethi, Process Executive at Cognizant, Coimbatore who belongs to the Batch 2022-2025. It focuses on developing key skills such as verbal and non-verbal communication, active listening, presentation techniques and professional etiquette.



The Dept. of BME, PEC organised an online alumni guest lecture on 06.04.26. The session was delivered by R.Marimuthu and F.Saqhibudden Ahmed, Project Research Scientist – I, (ICMR – Funded Project) and Research Scholar at VIT University, Vellor who belong to the 2019 to 2023 Batch of the department. The objective of the session was to provide insights into biomedical research opportunities in rehabilitation technology, create awareness about advanced rehabilitation techniques.



The Dept. of ECE, PEC in association with the IETE and Indian Info Tech, organised a Hands-on Training 'Artificial Intelligence using Machine Learning for Modern Engineering' on 07.04.26. Dr.Moupali Roy, Project Associate MATLAB from ARK Info solutions Pvt. Ltd., Chennai gave the keynote address. The event was highly interactive, allowing students to understand the practical applications of their curriculum.



The Inauguration of the Trekking Club at PEC was successfully conducted with great enthusiasm and active participation from students and faculty members on 07.04.26. The Presidential Address was given by Dr. M. Premkumar, Principal, PEC. Gopi S, Senior Manager at Canara Bank, Namakkal was the chief guest. He motivated the students by sharing his experiences and emphasized the significance of balancing career growth with personal well-being through activities such as trekking.



The Dept. of Commerce, PASCW organised an alumni guest lecture on 08.04.26. The session was delivered by Ms.P.Hemalatha, Junior Technician-Quality, Tata Electronics Pvt, Ltd, who belong to the Batch 2022-2025. She addressed on the topic 'Building a Career in Quality Control at Tata Electronics', emphasised the role of confidence, clarity and interpersonal skills in building a strong career foundation in the capacity of a Junior Technician.



The Dept. of ECE, PEC in association with the Institution of Engineers (India) and New technology Solutions organised a Workshop on Chip Level Testing and Debugging for Smartphones and Tablets on 08.04.26. The keynote address was given by Dr.B.Krishnakumar founder, CEO New Technology Solutions, Coimbatore. The workshop focused on the practical aspects of chip-level testing and debugging, providing participants with hands-on experience in analyzing and troubleshooting electronic circuits used in modern smartphones and tablets.



The Dept. of CSE organised an alumni guest lecture on 'Building a Career in Mobile App Development' on 09.04.26. This was followed by the Presidential Address by Dr.V.Hariharan, Principal, PCE. The guest speaker was Mr. C.Vasanthkumar, Senior Flutter Developer, Biovus Blockchain Technologies Pvt Ltd, Salem. He explained how smartphones have become an integral part of everyday life, resulting in a growing demand for innovative and user-friendly mobile applications across various sectors such as healthcare, education, e-commerce and entertainment.



The Dept.t of Mech, PEC successfully organised a two-day hands-on workshop on 'BS6 Vehicle Emissions & Diagnostics' on 10.04.26 and 11.04.26 in association with Tamil Nadu Apex Skill Development Centre for Automobile. The technical sessions and hands-on training were effectively conducted by Mr. Rajasekaran and Mr. Mohammed Azeem, Trainers from the TNASDC, Chennai. They shared their industry expertise and guided the participants throughout the workshop.



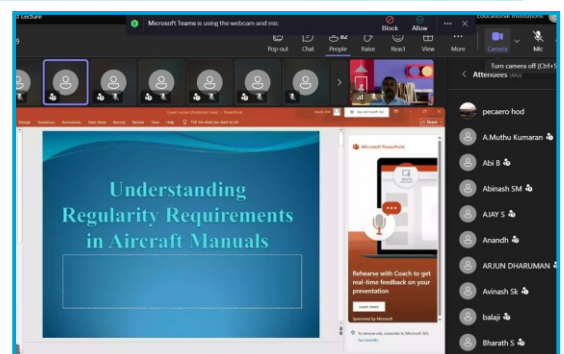
One-day Hands-on workshop titled 'High -Precision Land Survey using DGPS' was organised by Civil jointly with PCEA, PEC on 10.04.26. Dr.M.Premkumar, Principal, PEC delivered his Presidential Address. The resource person was Dr.J.Sankar ME.,(Stru),Ph.D.,L.L.B., Registered Engineer & Approved Valuer, Proprietor, Surrya Builders, Salem. He briefed the participants on the applications and advantages of DGPS instruments along with their preliminary adjustments.



The Dept. of MCT, in association with PME, PEC organised a workshop on the topic 'Smart Automation: How AI is Transforming Mechatronics and Mechanical Engineering' on 10.04.26. The Presidential Address was delivered by Dr.M.Premkumar, Principal, PEC. The chief guest was Dr.Thirunavukkarasu Kannapiran, TPM, S2integrators LLC, USA. He highlighted the integration of AI with mechatronic systems such as robotics, sensors and control systems to develop intelligent machines capable of real-time decision-making and predictive maintenance.



The Dept. of Aero, PEC organised an alumni guest lecture on 11.04.26 through online mode. The session was delivered by Ms.S.Meyyazhagi, Associate Engineer II, Capegemini Technology Services India Ltd, who belong to the 2019-2023 Batch of the department. She explained the importance of regulatory requirements and provided an overview of various aircraft manuals such as AMM, IPC and SRM, emphasising their structure and practical usage in real-time maintenance and operations.



The Dept. of MCA, PEC in association with Institution's Innovation Council, organised a seminar titled 'Frontend Architecture: Designing Scalable Web Applications' on 11.04.26. The event was presided over by Dr.M.Premkumar, Principal, PEC. The resource person was Ms. M. Soundarya from Lumel Technologies Inc., highlighted the significance of JavaScript, the challenges faced in large-scale applications and various strategies for managing JavaScript to ensure scalability. She further guided students on setting up real-world projects.



The Dept. of BT, PEC organised a guest lecture on 'Products out Projects - An Entrepreneurial Approach' on 20.04.26 for the benefit of BT students. The resource person for the session was Dr. N. Ezhili, Research Coordinator - Biosciences, PEC. The objective of the program was to motivate students towards innovation and entrepreneurship by transforming academic projects into commercially viable products. The session aimed to create awareness about entrepreneurial opportunities in the biotechnology sector.

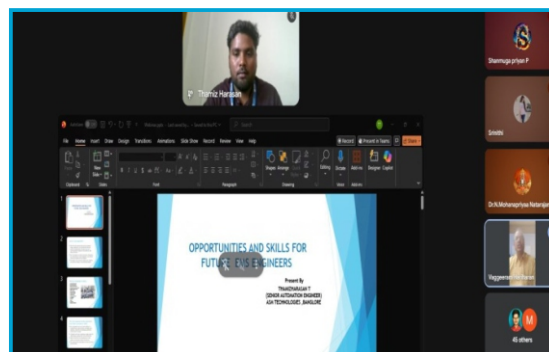
PAAVAI ENGINEERING COLLEGE
 (AUTONOMOUS)
 NH-44, Pachal, Namakkal - 637 018.

Department of Biotechnology
 Organize
 Guest Lecture on
"Products out Projects"- An Entrepreneurial Approach"
 on Monday, 20th April 2026, 11.00 a.m. to 1.00 p.m.
 at Premium Hall



RESOURCE PERSON
Dr.N. EZHILI
 Research Coordinator - Biosciences
 Paavai Engineering College
 Namakkal.

The Dept. of EEE, PCE organised alumni guest lecture titled 'Opportunities and Skills for Future EMS Engineers' on 22.04.26. The alumni guest was T.Thamizharasan, Senior Automation Engineer, ASM Technologies, Bangalore. With the rise of smart devices, automation, electric vehicles and Industry 4.0, the demand for skilled EMS engineers is increasing at an unprecedented rate. India, in particular, is positioning itself as a global hub for electronics manufacturing, opening doors to vast career opportunities for our graduates.



The Dept. of Computer Science and Engineering, PEC in association with IIC, CSI and the Software Development and Information Management Club, organised an online guest lecture on 'Agentic AI for Next-Generation Industrial Applications' on 22.04.26. The lecture was delivered by Dr. V.Subramaniaswamy from Vellore Institute of Technology, who highlighted his academic contributions, research expertise and extensive experience in advanced Artificial Intelligence technologies.



The Dept. of Civil, PEC has signed a MoU with Adani Cement to strengthen industry-academia collaboration on 27.04.26 and provide enhanced learning opportunities for students. Through this collaboration, Civil Engineering students will gain valuable exposure through internships, industrial visits and insights into modern construction materials and practices. The department expresses its sincere gratitude to Sasikanth (2017 passedout) for taking the initiative and making this collaboration possible.



The Dept. of MBA, PEC organised a workshop on titled 'Banking Awareness & Team Management : Keys to Growth' on 28.04.26. The Presidential Address was delivered by Dr. M.Premkumar, Principal, PEC. The chief guest was M.Sundarrajan, MD, OLI Career Max Training and Placement, Salem. He highlighted the importance of strong banking awareness, including regulatory insights from the Reserve Bank of India and evolving digital trends. It emphasized effective team management and leadership.



Social Sensitivity

The NSS and YRC, PCE organised a programme on 'Health and Hygiene for Adolescents' on 04.04.26. The guest speaker was Dr. P. Chitra, Principal, PAHS. In her informative session, she explained the physical and mental changes that occur during adolescence and emphasised the importance of personal hygiene, balanced nutrition and regular physical activity. Dr.Chitra highlighted the significance of cleanliness, safe food habits, adequate sleep, and stress management for maintaining overall well-being.



The NSS, PEC, in association with GMCH, Namakkal, organised a BDC on 10.04.26. Dr.A.Anbumalar, Blood Bank Medical Officer, GH, Namakkal, Dr.M.Premkumar, Principal, PEC, Health Inspectors and Mr.C.Rathnakumar, NSS PO were present on the occasion and encouraged students to actively participate in the noble cause. Students of PEC enthusiastically took part in the camp, and a total of 116 students donated the blood. Certificates were distributed to the blood donars.



The 'Tamil Nadu Heat Wave Action Plan Awareness' programme was conducted successfully at PASCW on 16.04.26. Dr.E.G.Wesley, Namakkal YRC Coordinator, participated as the special guest and presided over the event. He elaborated on the health issues faced by the general public, especially students, due to the severe heat waves during the summer season. He also created awareness among students about protective measures against extreme heat and the importance of a nutritious diet.



150 NSS volunteers of Paavai Engineering College participated in SVEEP Systematic Voters Education and Electoral Participation awareness Marathon on 19.04.26 organised by Election Section - Project Director, Namakkal. The marathon was flagged off by Tmt.Durgamoorthi,IAS, District Collector, Namakkal



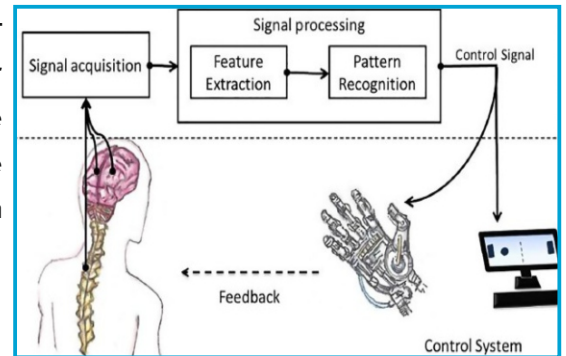
20 NSS volunteers of Paavai Engineering College rendered their valuable service by participating in the Hundial amount counting at Aththanoor Amman Temple, Salem on 27.04.26



Research Data from Brain - Computer Interfaces (BCI)

Brain-Computer Interfaces for Research allow direct access to real-time brain activity. This provides clearer insights into thoughts and emotions. As a result, BCIs are changing how researchers study the mind in fields like neuroscience, psychology and human-computer interaction (HCI).

Are Brain-Computer Interfaces (BCIs) the Future of Research?



Absolutely, Brain-Computer Interfaces (BCIs) are revolutionizing scientific research. For instance, these systems capture brain signals directly, providing researchers with clear, real-time and human-focused data.

Working Principle of Brain-Computer Interfaces

A Brain-Computer Interface operates through multiple stages. First, brain signals are captured using sensors such as Electroencephalography (EEG), Electrocorticography (ECoG) or implanted neural electrodes. The captured signals are then amplified and filtered to remove noise and unwanted disturbances. After signal processing, machine learning algorithms interpret the neural patterns and convert them into meaningful commands.

• Types of Brain-Computer Interfaces

BCIs are classified into three major categories based on the method of signal acquisition.

- 1. Invasive BCI :** Invasive BCIs involve surgically implanted electrodes inside the brain. These systems provide highly accurate neural signals but require medical procedures.
- 2. Partially Invasive BCI:** Partially invasive BCIs place electrodes inside the skull but outside the brain tissue. They offer better signal quality than non-invasive systems.
- 3. Non-Invasive BCI:** Non-invasive BCIs use external sensors such as EEG caps to collect brain signals without surgery. These are commonly used in research laboratories due to their safety and low cost.

• Applications of BCIs in Research

Brain-Computer Interfaces are widely used in various research domains

- 1. Healthcare Research:** BCIs assist in monitoring patients with neurological disorders and help researchers study brain-related diseases. They are also used in rehabilitation systems for stroke patients.
- 2. Artificial Intelligence Research:** Researchers combine BCI data with artificial intelligence algorithms to improve machine learning systems capable of recognizing human intentions and emotions.
- 3. Cognitive Science Research:** BCIs help scientists understand attention span, memory retention, learning behaviour and decision-making processes.
- 4. Robotics and Automation:** Brain signals can directly control robotic arms, wheelchairs, and drones, leading to advanced robotic research.
- 5. Gaming and Virtual Reality:** BCIs are integrated with gaming and virtual environments to create immersive experiences controlled by neural activity.

Challenges in BCI Research

Despite their advantages, BCIs face several technical and ethical challenges.

- **Signal Noise:** Brain signals are weak and easily affected by external interference.
- **High Cost:** Advanced BCI systems and neural implants are expensive.
- **Data Privacy:** Neural data contains sensitive personal information.
- **Complex Signal Processing:** Accurate interpretation of brain signals requires sophisticated algorithms.
- **User Training:** Many BCI systems require extensive user adaptation and calibration.

Researchers are continuously working to improve signal accuracy, reduce hardware costs and develop safer systems.

Future BCI Applications

- Brain-Controlled Wheelchairs
- Smart Prosthetic Limbs
- AI-Based Cognitive Monitoring
- Virtual Reality Interaction
- Human-Robot Collaboration

End Note:

Although several technical and ethical challenges remain, continuous developments in signal processing, machine learning and neural engineering are rapidly improving BCI systems. As research progresses, Brain-Computer Interfaces are expected to become more accurate, affordable and widely accessible, leading to revolutionary changes in science, medicine and human-computer interaction.

Source: <https://researchbrains.com/brain-computer-interfaces-for-research/>

Skillset

Poem

DIGITAL DAWN

Clouds of data fill the sky,
AI learns and wonders why.
Robots think and systems grow,
Through digital paths the future flows.
Cyber walls stand safe and strong,
Blockchain keeps the records long.
With coding minds and visions bright,
CSE shapes tomorrow's light.

K.Sangeetha, AP, CSE, PEC

Riddles

I can learn without a teacher,
Recognize faces and voices too.
I work with data every second,
Guess who?

S.Kanmani - III-AI&DS, PEC

Faculty Journal Publications and Patents

Name of the Faculty with Designation	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
Dr.D.R.P.Rajaratnam Prof-MCTS, PEC R.Karthick AP-MCTS, PEC	IJSREM	Smart Fertilizer Dispensing Robot Using Nutrient Map Data Fusion	Volume: 10 Issue: 04.04.26 SJIF Rating: 8.659 ISSN: 2582-3930
R.Loganathan AP-CYS, PEC	IJCRT	Security Operation Centre Automation Tool	volume 13 Issue 2 April 2026 (Journal No : 43602)
R.Loganathan AP-CYS, PEC	IJCRT	Clustering Social and Cultural Unsolvble Problems	Volume 8 Issue 2 (Paper ID : 74669)
P.Sathishkumar S.Chandrakala AP-CYS, PEC	IJCRT	Quantum-Safe Cloud Storage for Secure Healthcare Records	IJCRT2604926 306465
Dr.K.Sharmiladevi Prof-Civil, PEC S.Rajeswari AP-Civil, PEC P.Vignesh AP-Civil, PEC	AASAN International Publication	BIM Technology in Civil Engineering	ISBN - 9788168568044
A.Jayapal AP-Civil, PEC N.Moorthi AP-Civil, PEC M.Rajkannan AP-Civil, PEC S.Sowdeshwari AP-Civil, PEC	AASAN International Publication	Environmental Science and Disaster Management	ISBN - 9788168568082
Dr.V.Priya Prof-CSE, PEC K.Sangeetha AP-CSE, PEC	IJIRT	AI-Driven Semantic Integration of RDF and DOM Structures for Intelligent Healthcare Data Management	ISSN 2349-6002
E.Elanchezhian AP-CSE, PEC	IJEDR	AI-based Recruitment and Career Readiness Platform for Japanese IT Industry	IJEDR26A1306
S.Satheesh kumar AP-ECE, PEC K.Thendral AP-ECE, PEC	IJSET	Design and Implementation of Secure Wireless Network	ISSN(O): 2348-4098 ISSN(P): 2395-4752
K.Thendral AP-ECE, PEC	IJSET	Implementation of VLAN , OSPF and Inter-Vlan Routing for Seamless Connectivity	ISSN(O): 2348-4098 ISSN(P): 2395-4752
Dr.K.Thirumala Lakshmi AP-ECE, PEC K.Thendral AP-ECE, PEC	IJSET	Outdoor WI-FI Coverage and Environmental Optimisation with Juniper AP63	ISSN(O): 2348-4098 ISSN(P): 2395-4752

Name of the Faculty with Designation	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
Dr.K.Thirumala Lakshmi AP-ECE, PEC	MAUSAM	Rainfall Trends and their Influence on Crop Production	DOI: https://doi.org/10.54302/mausam.v77i2.6830
Dr. R. Mohana Priya ASP-ECE, PEC	IJCNIS	Blockchain-enhanced Detection of Malicious Nodes in WSNs Using Parallel Triple Graph Attention-based Convolution Network	IJCNIS Vol.18, No.2 08.04.26
S.Vijaya AP-ECE, PEC Dr.M.Shantha kumar AP-ECE, PEC N.Gangarani AP-ECE, PEC R.Bhuvaneshwari AP-ECE, PEC A.Sujitha AP-ECE, PEC L.Sujitha, AP-ECE, PEC	Patent	IoT Based Wearable Smart Posture Monitoring and Correction System	Date:10.04.2026 202641038844 A
S.Vijaymurugan AP-ECE, PEC Dr.R.Mohana Priya ASP-ECE, PEC Dr.M.Santhakumar ASP-ECE, PEC D.Satheeshkumar AP-ECE, PEC R.Bhuvaneshwari AP-ECE, PEC	Patent	Smart Human Detection System for Landslide Rescue Operation	Date:10.04.2026 202641038842 A
Dr.M.Santhakumar ASP-ECE, PEC S.Vijaykumar AP-ECE, PEC D.Sathishkumar AP-ECE, PEC S.Usha AP-ECE, PEC	Patent	Unaided Supported for Augmentative and Alternative Communication	Date:03.04.2026 202641035044 A
Dr.R.Mohanapriya ASP-ECE, PEC S Loganathan AP-ECE, PEC Dr.M.Santhakumar AP-ECE, PEC S Vijaymurugan AP-ECE, PEC K.Thendral AP-ECE, PEC	Patent	Wireless Power Analysis for Wireless Power Transfer System	Date:03.04.2026 202641035045 A
Dr.R.Mohanapriya ASP-ECE, PEC D.Satheeshkumar AP-ECE, PEC Mr.S.Loganathan AP-ECE, PEC	Patent	Radio Frequency Location for Man Overboard Alarm System	Date:03.04.2026 202641035043 A

Name of the Faculty with Designation	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
Dr. H. Harikrishnan AP-Pharma, PEC	Biochar as Remediation Tools for Pollutant Removal	Mechanics of Co-biochar Microbes: A Holistic Approach to Environmental and Agricultural Stress Management	https://doi.org/10.1007/978-3-032-16746-0_6 ISBN: 978-3-032-16745-3

Faculty Achievements and Awards

Name of the Faculty with designation	Name of the Programme	Venue and Date	Name of the Event	Position/Place
N.M.K.Ramalingam Sakthivelan ASP-CSE, PEC	Paper Presentation	Guru Gobindh Sign College of Engineering, Bangalore / 10,11.04.26	ICESM – 2026	Best Paper Presentation Award
K.Santhanalakshmi AP-CSE, PEC	Paper Presentation	Guru Gobindh Sign College of Engineering, Bangalore / 10,11.04.26	ICESM – 2026	Best Faculty Award
Dr.R.Mohanapriya ASP-ECE, PEC Mrs.N.Gangarani AP-ECE, PEC	The Seed Grant Faculty Award	Paavai Institutions 24.04.26	The Seed Grant Faculty Award	Startup Seed Grant Award
P.Sathya. S.Saravanan AP-Physics, PCE	The Seed Grant Faculty Award	Paavai Institutions 24.04.26	The Seed Grant Faculty Award	Excellence in Research and Development Award

Students Journal Publications and Patents

Name of the Student with Department	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
S.V.Thamarai Selvan S.Srikanth S.Poovitha IV-MCT, PEC	IJSREM	Smart Fertilizer Dispensing Robot Using Nutrient Map Data Fusion	Volume: 10 Issue: 04 ISSN: 2582-3930
S.Mathan P.Parveen kumar S.Rishi S.Kavin IV-ECE, PEC	IJSET	Outdoor WI-FI Coverage and environmental optimization with juniper AP63	ISSN(O): 2348-4098 ISSN(P): 2395-4752
T.Kiruthickraj K.Ranjith M.S.Prajay IV-ECE, PEC	Patent	IoT Based Wearable Smart Posture Monitoring and Correction System	202641038844 A Date:10.04.26

Name of the Student with Department	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
S.Madhan kumar R.Madhan A.Mukesh pandian R.Ravivarma IV-ECE, PEC	IJSET	Design and Implementation of Secure Wireless network	ISSN(O): 2348-4098 ISSN(P): 2395-4752
K.Kaviya K.Padma Priya B.Parameshwari M.Rubasri IV-ECE, PEC	IJSET	Implementation of VLAN , OSPF and Inter – Vlan routing for Seamless connectivity	ISSN(O): 2348-4098 ISSN(P): 2395-4752
S.Kavin D.Kishore K.S.Nandhakishore M.Raja IV-ECE, PEC	Patent	Smart Human Detection System for Landslide Rescue Operation	202641038842 A Date:10.04.26
R.Manikandan A.Manthiramoorthy B.Mouli K.Prithiviraja IV-ECE, PEC	Patent	Unaided Supported for Augmentative and Alternative Communication	202641035044 A Date:03.04.26
D.Ajay M.Deepakumar K.Hari Prasanth C.Hariharan IV-ECE, PEC	Patent	Wireless Power Analysis for Wireless Power Transfer System	202641035043 A Date:03.04.26
S.Bhavya R.Bhuvaneswari D.Janani K.Jayaharshitha IV-ECE, PEC	Patent	Wireless Power Analysis for Wireless Power Transfer System	202641035045 A Date:03.04.26

Students Achievements and Awards

Name of the Student with Department	Name of the Programme	Venue and Date	Name of the Event	Position/Place
V.Kavineshwaran- J.Thiraviyaraj II-CIVIL, PEC	Technical level Symposium	Annapoorana Engineering College, Salem 08.04.26	CASTILO'26	I Place
G.S.Rahul Rohit IV-Year, PEC	Anna University Interzone (Sports)	Indian Institute of Handloom Technology College, Salem 17.04.26	Powerlifting Competition- 74kg	Silver Medal
C.Sivajaiyan III-MCTS, PEC	Anna University Interzone (Sports)	Indian Institute of Handloom Technology College, Salem 17.04.26	Inter Zone Powerlifting	Bronze Medal

Name of the Student with Department	Name of the Programme	Venue and Date	Name of the Event	Position/Place
G.Harini M.Harisaran III-IT, PEC	A National Level Technical Symposium	Excel Engineering College, Namakkal 01.04.26	Project EXPO	I Place
T.Dheena P.Harini M.Asika III-IT, PEC	A National Level Technical Symposium	Excel Engineering College, Namakkal 01.04.26	Ideathon	I Place
T.Dheena P.Harini M.Asika III-IT, PEC	A National Level Technical Symposium	Excel Engineering College, Namakkal 01.04.26	Project Presentation	II Place
P.Harini M.Asika T.Dheena III-IT, PEC	A National Level Technical Symposium	Excel Engineering College, Namakkal 01.04.26	Project Presentation	III Place
P.Harini M.Asika T.Dheena III-IT, PEC	A National Level Technical Symposium	Excel Engineering College, Namakkal 01.04.26	Project Presentation	III Place
V.Arunash T.Delipan M.Harish kumar S.Arun kumar S,Anandha Shashank III-ECE, PEC	Symposium	Government College of Engineering, Trichy 09.04.26	Technical Events	Cash award 4,000/-

Wall of Fame

Best R&D Project Awardees



Dr. P. Sathya
Assistant Professor
Department of Physics
Paavai College of Engineering



Dr. C. Saravanan
Assistant Professor
Department of Physics
Paavai Engineering College



Mrs. P. Divya
Assistant professor
Department of Physics
Paavai Engineering College



Dr. N. Hari Prakash
Assistant Professor
Department of Physics
Paavai Engineering College

Best Start-up Project Awardees



Dr. R. Mohanapriya
Associate Professor and Head
Department of ECE
Paavai Engineering College



Mrs. N. Gangarani
Assistant Professor
Department of ECE
Paavai Engineering College



Dr. S. Kailash
Professor and Head
Dept. of Food Technology
Paavai Engineering College



Mr. S. Gowtham Kumar
Assistant Professor
Dept. of Food Technology
Paavai Engineering College

Alumni Testimonial

PAAVAI ENGINEERING COLLEGE



S.MADHAN

B.E - ECE, 2020 - 2024

Cloud Support Engineer, Tata Consultancy Services
SIPCOT IT Park, Siruseri

I am S.Madhan a proud alumnus of ECE, Class of 2024 from PEC. My journey at the institution has been truly transformative, shaping both my technical acumen and professional outlook. I currently serve as a Cloud Support Engineer at Tata Consultancy Services, based at SIPCOT IT Park, Siruseri. This achievement reflects the strong academic foundation nurtured during my college years. The faculty's constant guidance and encouragement played a vital role in my growth. The Placement and Training Cell extended exceptional support throughout my career journey. Their structured training sessions and focused mentoring refined my skills significantly. Their guidance enabled me to successfully secure an opportunity with Tata Consultancy Services. I remain deeply grateful to my alma mater for empowering me to thrive in the dynamic world of technology.

PAAVAI COLLEGE OF ENGINEERING



T.KUMARESAN

B.E - EEE, 2020 - 2024

Site Engineer, Vestas Pvt, Ltd
Bangalore

As I reflect on my college journey, I feel a deep sense of gratitude for the consistent guidance and support provided by the institution and its dedicated faculty members. The education I have received has been truly enriching, extending beyond textbooks and classroom learning. I am particularly grateful for the opportunity to serve as the Symposium Coordinator, which has been one of the most rewarding experiences of my academic life. This role enabled me to develop essential skills in leadership, teamwork and event management. Organising the symposium offered me a valuable platform to contribute meaningfully to the academic community while gaining practical experience in planning and executing a large-scale event. The constant encouragement and mentorship of my professors have played a vital role in shaping both my academic growth and professional aspirations. Their support has instilled in me the confidence to approach challenges with determination and clarity.

PAVAI ARTS AND SCIENCE COLLEGE FOR WOMEN



JENIFA MANIVEL

B.A. English, 2018 - 2021

Advocate
Salem

I am proud to be an alumna of PASCW. I completed my B.A., LL.B., and am currently pursuing my LL.M. I am practicing as an Advocate in NPS Nagar, next to Biovus Technologies, Sandhiyur, Salem. I sincerely thank the faculty members for their unwavering support, guidance and encouragement throughout my college journey. The college played a pivotal role in shaping my knowledge, skills and confidence by providing quality education and a nurturing learning environment. I am truly grateful to the management and staff for laying a strong foundation that has empowered me to pursue my career in the legal profession.

English Grove

BASIC ENGLISH vs ADVANCED ENGLISH

I am very tired.	I am exhausted.
I am very hungry.	I am starving.
I am very busy.	I am tied up right now.
I am very happy.	I am thrilled.
I am very sad.	I am devastated.
I don't understand.	I am not following.
Wait a minute.	Hang on a second.
I agree with you.	You have got a point.
I disagree.	I beg to differ.
It is very easy.	It is a piece of cake.
I don't like it.	It is not my thing.
I like it very much.	I am really into it.
I don't care.	It doesn't matter to me.
Tell me the truth.	I am not following.
I am thinking.	You have got a point.
I am very sleepy.	I am drowsy.
I am very thirsty.	I am parched.
I will try.	I will give it a shot.
I forgot.	It slipped my mind.
Be careful.	Watch out.
I am very excited.	I am thrilled to bits.
That is not possible.	I am absolutely certain.
He is very smart.	He is brilliant.
This is very important.	This is crucial.
I am very disappointed.	I am deeply disappointed.
She is very kind.	She is incredibly compassionate.
It is very easy.	It is remarkably straightforward.
Think about it.	Give it some careful consideration.
I don't understand.	I am having difficulty comprehending that.



9வது ஆண்டாக சென்னை பல்கலைக்கழகத்தின் சாம்பியன்ஸ் ஆப் சாம்பியன் பட்டம் வென்ற பாவை கல்லூரி மாணவர்களுடன் சிறப்பு விருந்தினர் ஹரிணி முரளிதரன் கல்லூரி சேர்மன் ஆடிட்டர் நடராஜன், தாளாளர் மங்கை நடராஜன் உட்பட பலர்.

அண்ணா பல்கலைக்கழக சாம்பியன்ஷிப் பட்டம்



➤ ராசிபுரம் பாவை கல்வி நிறுவனங்களில் 'கலைமாமணி' மாது பாலாஜியின் சிறப்பு நகைச்சுவை நாடகம் அரங்கேற்றப்பட்டது. இதில் பங்கேற்ற நாடகக்குழு வினாருடன் கல்வி நிறுவன நிர்வாகிகள்.

ராசிபுரம் பாவை கல்வி நிறுவனங்களில்

‘கலைமாமணி’ மாது பாலாஜியின் நகைச்சுவை நாடகம் அரங்கேற்றம்

■ **நாமக்கல்** நாகம் அராங்கேற்றப்பட்டது.
தமிழக அரசின் கலை பாலை கல்வி நிறுவனங்

[illegible]

பாவை கல்வி நிறுவனங்களில் விளையாட்டு தின விழா

[illegible]

எர். விழாவில் பாண்டி
திருவனங்குளின் இய
கன் ராமசாமி, வகி
தல், குழுவாழைத்தி,
புதுமை படைப்பாக
பொறுப்பா எர்
விரும்புமூர்த்தி, மு
உதற்கல்வி இயக்கு
தராளராஜா உள்
பலர் து கொள்ளு
முள்ளதாக மாண
மல் தாசின் வரவேற்
வில் மரண விடுதிக
கூறியார். யோகா ப
எர் இளவரசன்
சிவப்பாதிக்கன்

பாவை வித்யாஸ்ரம் பள்ளிகளில்
பட்டமளிப்பு விழா



கல்னி நிறுவன தீர்வாகிளுடன் பட்டம் பெற்ற மழலையர்.

ராசிபுரம், ஏப் 14: பாவை வித்யாஸ் ரம் பச்சிளகியில் மதுலையை ருத் தாசு பட்டமிட்டியி லிருந் து அன் னையி டம் நடைபெற்றது.

இதில், பாவை கலவி, நிறுவ னர்களுக்கி ன் நிறுவனம், தலைவ

பாவை வித்யாஸ்ரம் பள்ளி
சி.பி.எஸ்.இ., தேர்வில் சாதனை

நாமக்கல், ஏப். 18

[illegible][illegible]

பாவை கல்வி நிறுவனங்களில்
நிறுவனர் தின விழா



With best compliments from :

Paavai Engineering College (Autonomous)

Paavai College of Engineering

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 Corporate Hospital)