



PAAVAI

EDUCATIONAL INSTITUTIONS

Think Education... Think Paavai.

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

PAAVAI VOICE

AUGUST - 2024

A MONTHLY BULLETIN

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Chairman's message

Dear parents and students,

Greetings from your Chairman,

As August draws to a close, I am filled with immense pride and gratitude as I reflect on the remarkable achievements and events that have defined this month for our institution.

August began on an inspiring note with the prestigious Education Game Changer Award, a testament to our unwavering commitment to transforming education and fostering innovation. This recognition underscores the dedication and hard work of our entire team, reinforcing our mission to lead with excellence in every facet of education.

I am thrilled to announce that Paavai Engineering College has once again achieved the outstanding distinction of being ranked **All India Rank 1** for seven consecutive times—four times in the Summer Internship Rankings on Internship Day and three times in the Annual Rankings. I am deeply grateful for the exceptional opportunities provided by Internshala, enabling our students to secure the highest number of internships among more than 1,100 colleges across India.

In the field of nursing, we proudly celebrated the Lamp Lighting Ceremony. This event marked the beginning of a new chapter in our pursuit of scientific and technological advancements while reinforcing our commitment to service and innovation.

We are also delighted to announce the successful signing of a Memorandum of Understanding (MoU) between AIMST University and Paavai Educational Institutions on **29th August 2024**. This significant partnership will foster a global community of learners and expand networking opportunities for both students and professionals.

Sportsmanship and excellence were at the forefront this month as we proudly received the **Champion of Champions Award** from Anna University—a prestigious honor marking our **8th consecutive win**. This recognition is a testament to the exceptional talent, hard work, and resilience of our athletes. Year after year, our teams push the boundaries of their capabilities, demonstrating remarkable skill and unwavering dedication. This achievement reflects not only the individual efforts of our athletes but also the strong sense of teamwork and unity that drives them to succeed. We remain committed to nurturing talent, fostering perseverance, and upholding the highest standards of sportsmanship.

August also saw us celebrate Indian Independence Day, a poignant reminder of the values of freedom, unity, and patriotism that continue to inspire and guide us in our journey forward.

Lastly, our ongoing Women Empowerment Series (PASCW) reached a significant milestone with its **25th edition**. This series has played a pivotal role in highlighting and addressing the challenges and triumphs of women across various fields. We remain steadfast in our commitment to championing gender equality and empowering women in all aspects of our community.

As we step into the next month, let us carry forward the momentum of these achievements and continue striving for excellence in all our endeavors.

Warm regards,

Chairman

EDUCATION GAME CHANGER AWARD

CA. N.V. Natarajan, the Chairman of Paavai Educational Institutions, has been honored with the prestigious Education Game Changer Award at the 'Bridge '24' Conference organized by the ICT Academy. The event held at the Le Meridian Hotel in Coimbatore. This award recognizes individuals who have made significant contributions to educational reforms and innovation, providing them with acknowledgment and encouragement for their pioneering efforts.

The 'Bridge '24' Conference serves as a platform to evaluate and celebrate those who have brought transformative changes and innovations to the field of education. It is an occasion where distinguished educators and industry leaders come together to discuss the latest advancements and technologies in education. The conference highlights emerging trends, groundbreaking discoveries, and the role of technology in shaping the future of learning.

CA. N.V. Natarajan was honored with the Education Game Changer Award by Dr. Palani Vel Thiyagarajan, Minister of Information Technology for Tamil Nadu. This award is particularly significant as it acknowledges the exceptional contributions of individuals who are instrumental in bringing about positive changes in the education sector. The award not only celebrates the recipient's achievements but also sets a benchmark for others in the field.

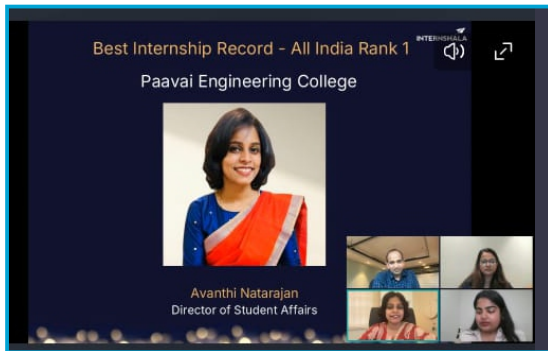
Receiving this award is not only a moment of pride for CA. N. V Natarajan but also a significant milestone for Paavai Educational Institutions. It underscores the institution's commitment to educational excellence and innovation. His leadership has been instrumental in fostering an environment that encourages academic and pedagogical advancements, making Paavai Educational Institutions a role model in the educational community.

The accolade also highlights the broader impact of his work on the education sector as a whole. His efforts in implementing progressive educational practices and integrating modern technologies have set a high standard for educational reform.

During the Conference, CA.N.V.Natarajan, Chairman, received warm congratulations from various stakeholders, including Mrs. Mangai Natarajan, Correspondent, Directors, Principals, and faculty members of Paavai Educational Institutions. Their support and acknowledgment further emphasize the collective commitment to advancing education and fostering a culture of continuous improvement. Overall, the Education Game Changer Award reflects CA.N.V.Natarajan, Chairman, dedication to enhancing educational practices and his significant role in driving positive change within the sector.



INTERNSHIP DAY'24



I am honored to share that Paavai Engineering College has achieved the remarkable distinction of securing the All India Rank 1 for seven consecutive times, four times in the Summer Internship Ranking during Internship Day, and three times in the annual ranking. It is a privilege to express my sincere appreciation for the incredible opportunities that Internshala has provided to our students, enabling them to secure the maximum number of internships among 1100+ colleges across India.

What does this achievement signify? It is about 'Learning and Earning', where earning transcends monetary value. It embodies the self-confidence, self-esteem, and preparedness that come from knowing that anything is possible for a passionate learner eager to grow both professionally and personally. This culture of internships is something we actively promote among our students, and it is the very reason why I am here today.

I am delighted to note that since 2018, over 8,000 students (20,000 internship selections) from Paavai Engineering College have secured internships through Internshala. Internshala is not just a platform; it is an 'Alayam', an abode of learning for our students. On behalf of each of them, I extend our heartfelt thanks to Internshala for the invaluable educational services you provide.

In today's competitive recruitment landscape, Internshala has earned its name and fame by shifting its focus from simply 'Internships that matter' to 'People matter'. The feedback we received from our students after completing their Internshala training especially about the people management and alignment skills they acquire fills us with pride and joy.

On this special occasion, I wish to give a special round of applause to Mr. Sarvesh Agarwal, the visionary Founder of Internshala. His belief that a desirable workforce must be equipped with communication skills, teamwork, leadership, and resume-enhancing skills, alongside professional training, has been pivotal to the success of our students.

I also wish to express our gratitude to AICTE for its student-oriented approach to enhancing technical skills and performance abilities. I am proud to share, thanks to AICTE's enablement, we incorporated mandatory internships into our autonomous curriculum eight years ago, ensuring that we remain updated and technically connected through Internshala.

Internshala's provision of mentors and the flexibility of the program have been immensely appreciated by our students. We are deeply thankful to everyone associated with Internshala for their continued support and dedication.

Avanthi Natarajan
Director - Students Affairs

MOU SIGNING BETWEEN AIMST UNIVERSITY AND PAAVAI EDUCATIONAL INSTITUTIONS MARKS A NEW ERA OF COLLABORATION

We are proud to announce the successful signing of a Memorandum of Understanding (MOU) between AIMST University and Paavai Educational Institutions, Tamil Nadu, India, on 29.08.24. This significant event marks the beginning of a promising partnership aimed at fostering a global community of learners and expanding networks for students and professionals alike. Representing AIMST University at the ceremony was Professor Dr. Kiran Reddy, the COO & Academic Advisor, while Paavai Educational Institutions was represented by their Chairman, Professor Shri CA N.V. Natarajan. The event was also attended by Professor Dr. Ramesh Kumaresan, Deputy Vice-Chancellor (Student Affairs), alongside Deans, Deputy Deans, Directors, and lecturers from AIMST University.

Dr. M. Premkumar, Principal of Paavai Educational Institutions, and Dr. Raja Meyyan, Head of Global Affairs, also participated in this momentous occasion. The MOU signing ceremony was witnessed by interns from Paavai Engineering College, who are currently attached to various faculties and departments at AIMST University. This partnership underscores our shared commitment to creating new opportunities for participation in conferences, symposiums, and certification courses, while also driving scientific innovation through collaborative research projects. We are confident that these efforts will contribute significantly to the academic and professional growth of our students, faculty, and the broader global community.

On 29.08.24, Paavai Engineering College signed a Memorandum of Understanding with AIMST University, Kedah, Malaysia for a futuristic collaboration and global perspective. The advantages in signing of the MoU facilitates joint research projects, sharing of resources, and access to expertise, which can lead to high-quality, innovative research outcomes. It enables student and faculty exchanges, broadening academic experiences and fostering deeper connections between institutions. It provides access to each other's facilities, such as libraries, laboratories, and technology, which can enhance the research and learning environment. It opens doors to collaborative funding opportunities from government bodies, industry partners, or international organizations. It promotes the internationalization of both institutions by expanding their global reach and reputation. It encourages cultural exchange among students and staff, enriching their educational experience and global understanding. It allows for the development of joint or dual degree programs, enhancing the educational offerings and increasing the attractiveness of both universities. It facilitates the creation of specialized courses or programs that leverage the strengths and expertise of both institutions. Collaboration with another reputable institution can enhance the credibility and prestige of both universities. It provides students with opportunities to study abroad, gain international experience, and benefit from diverse educational environments. It expands students' professional networks by connecting them with peers, mentors, and professionals from the partner institution. It encourages faculty collaboration on research projects, publications, and other academic endeavors..



Universiti Malaysia Pahang, UMP, is a technical university that was established in 2002. UMP offers various technical programs based on Engineering and Technology that offer high-level Technical Education and Vocational Training, TVET study programs. As one of the universities in the Malaysian Technical University Network, MTUN, and the best Research and innovation university, UMP is seen as always committed to creating innovation and uniqueness in academic program offerings through strategic linkages in International level. Engineering programs using world-class models such as the collaboration program with Germany's Karlsruhe University of Applied Science (HsKA) are seen as the best benchmark for universities in Malaysia. In the field of research, the university focuses on applied research and industrial projects with local industries to enrich teaching and learning in addition to promoting the commercialization of research products. UMP operates in a campus located in Gambang, Kuantan located approximately 30 kilometers from the center of Kuantan City, with an area of 126 square acres that can accommodate 5,000 students.

The UMP campus is located in a strategic location close to the East Coast Highway, a chemical, petrochemical, manufacturing, automotive and biotechnology industrial zone for the State of Pahang Darul Makmur. Currently, it houses five faculties, one institute and two centers namely the Faculty of Civil Engineering Technology, Chemical & Process Engineering Technology, Industrial Science and Technology, the Faculty of Industrial Management and the faculty of Computing, the Institute of Graduate Studies, the Center for Mathematical Sciences and the Humanities Center. MoU facilitates joint research projects, sharing of resources, and access to expertise, which lead to high-quality, innovative research outcomes. It enables the student and faculty exchanges, broadening academic experiences and fostering deeper connections among the institutions, provides access to facilities such as libraries, laboratories, and technology, which can enhance the research and learning environment, opens doors to collaborative funding opportunities from government bodies, industry partners, or international organizations, promotes the internationalization of the institutions by expanding their global reach and reputation and encourages cultural exchange among students and staff, enriching their educational experience and global understanding. It allows for the development of joint or dual degree programs, enhancing the educational offerings and increasing the attractiveness of both universities. It helps to create of specialized courses or programs that leverage the strengths and expertise of both institutions.



LAMP LIGHTING CEREMONY

The Lamp Lighting ceremony for the first-year B.Sc Nursing, the eighth batch (2024-2025) was held on Friday, 09.08.24, from 2:30 p.m. to 4:00 p.m. at Pragathi Hall. The program began with the lighting the kuthuvilakku by the dignitaries on the dais. Dr. Hepsi Rachel Chellarani, Principal of Paavai College of Nursing and Research, delivered the welcome address. Thiru CA N.V. Natarajan, Chairman of Paavai Institutions, presided over the function and delivered the presidential address.

The students received the light from the chief guest, Dr. Hemalatha Sugavanan, M.D., Obstetrician and Gynaecologist, Sugam Hospital, Rasipuram, and Tmt. Mangai Natarajan, Correspondent. The lamp song was sung by the first-year students. The Florence Nightingale Pledge was received by Dr. Saridha Prema, Vice-Principal of Paavai College of Nursing and Research. The chief guest, Dr. Hemalatha Sugavanan, delivered the keynote address. Felicitations were offered by Tmt. Mangai Natarajan, Correspondent of Paavai Institutions. Ms. Thirumatha, fourth-year B.Sc Nursing student, proposed the vote of thanks. The program ended with the National Anthem.



CHAMPION OF CHAMPIONS

Anna University Sports Department organizes various sports competitions every year among engineering colleges to emphasize the importance of sports. For the academic year 2023-2024, sports competitions were conducted across 19 zones in Tamil Nadu. In this regard, the students of Paavai Engineering College have participated in various sports competitions and scored 610 points in the zonal level and 580 points in the state level and thereby secured the first place in both the zonal and state levels.

During the 2023-2024 academic year, zonal and state-level sports competitions were held among the affiliated colleges of Anna University. Paavai Engineering College secured the first place at the zonal level by scoring 610 points in various sports competitions. Additionally, our college students have participated in various state-level sports competitions and have scored 580 points and secured the first place in the state level as well.

An award ceremony was held in Anna University, Chennai, to honour the victorious athletes. In this event, Mr. Nabi Mohammed Riyas, chief guest presented the award and CA.N.V.Natarajan, Chairman, Paavai Institutions, received the Champion of Champions trophy. The award ceremony was graced by Dr. P. Ashok Singamani, Vice Chairman of the Tamil Nadu Sports Development Authority, Dr.

R. Velraj, Vice-Chancellor of Anna University, Dr. J. Prakash, Registrar, Dr. N. Senthilkumar, Head of the Sports Department, and other dignitaries associated with the Anna University Sports Department.

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



78th INDEPENDENCE DAY

Nation's 78th Independence Day celebration in Paavai Educational Institutions was celebrated in a grand manner. The ceremony began with Tamil Thaaai Vazhthu and the Flag Song. The Chairman of Paavai Educational Institutions, CA.N.V. Natarajan, hoisted the national flag and inaugurated the celebration.

In his presidential address, CA.N.V. Natarajan, Chairman, extended his heartfelt greetings to the students. He commended the students for their spirited, disciplined, and orderly parade, having noted it as truly impressive. He reminded everyone that the freedom we enjoy today is the result of the sacrifices of our freedom fighters, who sacrificed their lives and shed their blood. He urged everyone to cherish the resources of our nation, highlighting that despite the differences in language, religion, and culture, India exemplifies unity in diversity. He emphasized the importance of understanding and valuing our nation's heritage.

Furthermore, the Chairman stressed the significance of personal integrity for the country's development, describing it as the highest virtue that leads directly to progress. He stated that individual advancement contributes to the nation's advancement and encouraged the younger generation to embrace hard work, as it paves the way for progress and prosperity. He concluded by expressing his best wishes for the students to succeed in life with unity, compassion, and respect.

The event also included the distribution of prizes and certificates to students who voluntarily donated blood as well as those who excelled in NSS, Youth Red Cross, NCC, cultural competitions, and various other contests. The celebration concluded with the National Anthem.

The event was graced by Mrs.Mangai Natarajan, Correspondent, Mr. Manisekaran, Vice Chairman, Mr.N.Palanivel, Joint Secretary, Dr.Ramakrishnan, Treasurer, Mr. K.Senthil, Director Admissions, all college principals, department heads, professors, and students. .



WOMEN EMPOWERMENT SERIES XXV

On 21.08.24, Pavaai Arts and Science College for Women hosted 'The Paavai Sandhai' to celebrate World Entrepreneurs Day in Visvesvaraya Hall. This event provided a valuable opportunity for students to develop entrepreneurial skills through various interactive stalls.

The celebration featured an Entrepreneur's Day address titled 'தொடர்ந்து முனைக தொழில்' delivered by Mrs. Anicham Kanimozhi, as part of the 25th Women Empowerment Series, held in Pragathi Hall. The event commenced with a warm welcome by P. Swetha from III BA English. The esteemed Chairman then delivered the Presidential Address, offering key insights into starting a business, the importance of hard work, sustainability, and the role of small-scale industries.

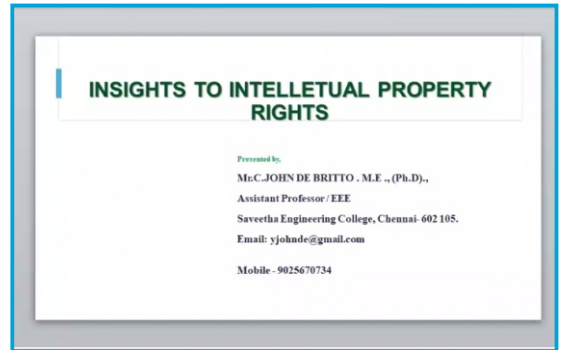
A. Asmitha from II B.Sc. Computer Science introduced the chief guest, Mrs. Anicham Kanimozhi, founder of Anicham Angadi Theru. Mrs. Kanimozhi delivered an inspiring talk on the resilience and determination of women throughout history. She shared her personal journey as an entrepreneur, encouraging students to pursue their entrepreneurial ambitions with courage and confidence.

Following the address, Tmt. Mangai Natarajan, Correspondent, felicitated the gathering and urged the students to consider starting their own businesses and highlighting the crucial role of women in society. Special thanks was extended to the Principal for having organized the event and inviting such a distinguished speaker.



ACADEMIC EVENTS

The IIC in association with the EDC, PEC, organized an online seminar on Insights to Intellectual Property Rights' on 07.08.24. The resource person emphasized the significance of this seminar as well as the numerous operations of our IIC & EDC Cell. John De Britto, AP- EEE, SEC, Thandalam, Chennai, stated that 'Innovation is equal to Creativity and Commercialization'. He shared about intellectual property and intellectual property rights, the global IPR regime, and Indian laws governing IPR.



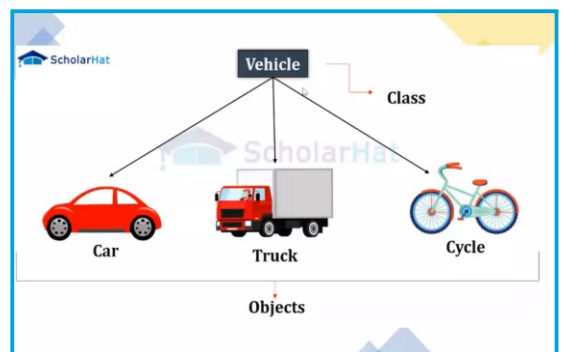
PASCW organized a guest lecture on 'Environmental Management' on 07.08.24. Dr. P. Susheela, Associate Professor and Head, Department of Zoology, PSGR Krishnammal College for Women, delivered a keynote address on the concept of ecosystem services and Earth's fundamental units. She discussed terrestrial and aquatic ecosystems, their roles, and extinct species. Dr. Susheela highlighted the importance of ecosystems in maintaining a balanced way of living for all species, including humans.



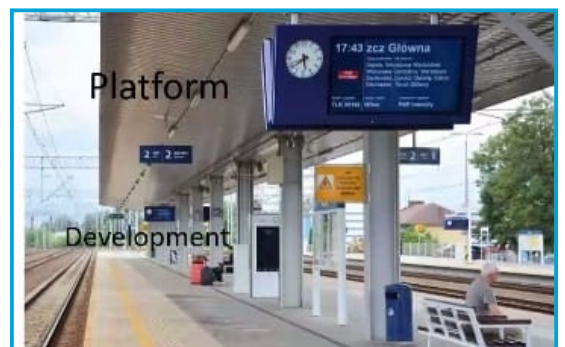
The department of Physics and Chemistry, PASCW held guest lectures on 07.08.24. The first lecture was led by Dr. D.Nalini, HOD, Chemistry, discussed in career opportunities for science students, job opportunities at research institutes, and fellowships available for scholars. She highlighted the importance of pursuing a master's degree. The second lecture was given by Dr. M. Lavanya, ASP, Physics, she introduced AI and discussed its applications, ethical considerations, and future trends in AI.



The department of ECE, PEC, held an online Alumni guest lecture on 08.08.24, titled 'Exploring the Heart of Java: Core Principles and Embracing the Latest Trends'. The lecture aimed to educate students about the latest Java frameworks and tools, emphasizing Java's role in software development and its importance in industrial projects. The lecture was attended by around 160 students, with feedback indicating its usefulness for upcoming placement drives and ease of study.



The department of CSE, PEC, organized a guest lecture on 'Innovation and Resilience - Platform Development for New Gen Accelerators' on 10.08.24. The lecture, led by (Qualcomm Firmware Engineer) N. Sathyanarayanan, was highly engaging and informative, gaining participants a deeper understanding of innovation and resilience in new-generation accelerators. 234 students and faculty members were benefitted by the programme.



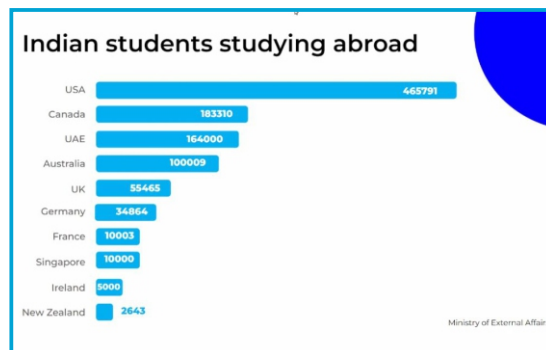
The department of Mathematics at PASCW, organised a webinar on 12.08.24, Essential AI tools like ChatGPT, GeoGebra, and Wolfram Alpha which are important for academic and personal growth. Dr. V. Parthiban, AP, VIT, Chennai, highlighted how ChatGPT can assist with various tasks, GeoGebra helps visualize and solve mathematical problems interactively, and Wolfram Alpha simplifies learning and problem-solving.



The EDC Club of Pavai Arts and Science College for Women, Anaipalayam, held a one-day workshop on 'Textile Screen Printing' on 13.08.24. The guest trainer, Mr. M. Rajavel, from Raja Screen Painting, demonstrated five types of screen printing to 107 students from various departments. Certificates were awarded to the students those who participated. At the end of the session, program concluded with the National Anthem.



The Department of IT and Global Affairs, in collaboration with Internshala, organized an online session titled 'Study Abroad' on 13.08.24. The event was presided over by Dr.M.M.Premkumar, Principal, PEC. The session featured Dr. Hardaersdeep Singh Madaan, Director, GRE and TOEFL, along with Martina Christie and Raveen Singh, Internshala as the guest speakers. He explained the admission processes at foreign universities, covering a range of bachelor's and master's programs. Furthermore, they discussed scholarships, English tests like Duolingo and IELTS.



The department of CSE (IoT), PEC, organised a workshop on 16.08.24, titled 'IoT Essentials and Design Challenges in Real-time Implementation'. The event, attended by 110 students, aimed to educate them on the role of IoT engineers in the rapidly advancing field. The keynote speaker, Mr. M. N. Hari, ED, SLM Infotech, Salem, covered IoT fundamentals and project development.



The department of Cyber Security and the IIC, PEC, organised a guest lecture on 'Innovation and Startup Ecosystem Enablers' on 17.08.24. The lecture highlighted the benefits of these enablers for aspiring entrepreneurs and established businesses. The program fostered a collaborative environment, allowing participants to exchange insights and learn from each other's experiences.



The IIC, in association with the Department of IT, PEC organized a guest lecture titled 'Funding Opportunities for Early-Stage Entrepreneurs' on 17.08.24. Dr. M. Premkumar, President of IIC, delivered the presidential address. Mrs. M. Shanmika, Business Partner/Technical Recruiter, Pivotal Associates, Bangalore, the guest speaker highlighted the importance of diverse funding sources including grants, venture capital, angel investors, accelerators, and crowd funding platforms.



The department of English, PASCW, organised a webinar on 'The Future of Translation: Emerging Trends and Innovations' on 19.08.24. The speakers were Puja Kumari, Founder of Namya Magazine, Pune, and Nikitha Mukherjee, Co-founder of Namya Magazine. Kumari discussed translation strategies and their practical applications in storytelling and real-world contexts. Mukherjee explained six types of translation. The webinar was informative and interactive.



The Microbytes Innovation Club at Paavai Engineering College organised the 'Technical Odyssey' event on 19.08.24. The event involved 49 students from various departments, with 10 advancing to the second round. The top 5 students were selected for the final round, where they identified laws through pictorial representations. Mrs. K. Sharmiladevi, HOD, Civil, distributed certificates to the winners and runners-up.



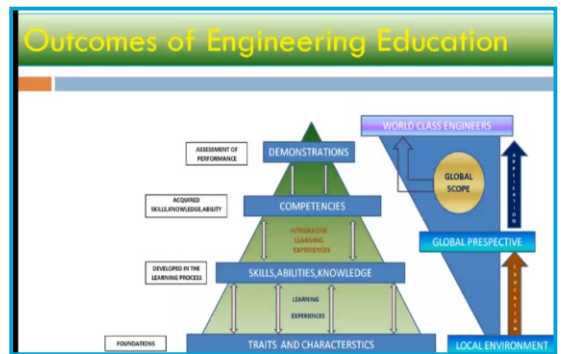
The department of Commerce, PASCW, organised a webinar on AI in Commerce on 19.08.24, featuring Dr. V. Deepa, a MIS Coordinator and a doctoral committee member. She discussed how AI can transform business operations, including customer behavior analysis, shopping experiences, automation, sales forecasting, and logistics. She also highlighted AI's role in customer service, focusing on chatbots and virtual assistants.



The department of Computer Science, PASCW, hosted a guest lecture on 'Hardware Troubleshooting and Maintenance' on 20.08.24. The guest speaker, Mr. T. Senthilraja, Green Cad Tech, provided an in-depth discussion on computer hardware functions, processor selection, and troubleshooting. The event was attended by students, who gained valuable insights into hardware troubleshooting. The event concluded with vote of thanks and the National Anthem.



The department of Mechanical Engineering, Safety & Fire Engineering, Robotics & Automation, and the Resource Club, PEC, organized a guest lecture on 'Mechanical Engineering-Industrial Expectations' on 21.08.24. The lecture provided foundational knowledge on manufacturing techniques and explored various sectors for mechanical engineers. Mr. Muthuramalingam D., Senior Manager at Laxmi Machine Works Ltd, emphasized teamwork, advancements, and internship requirements.



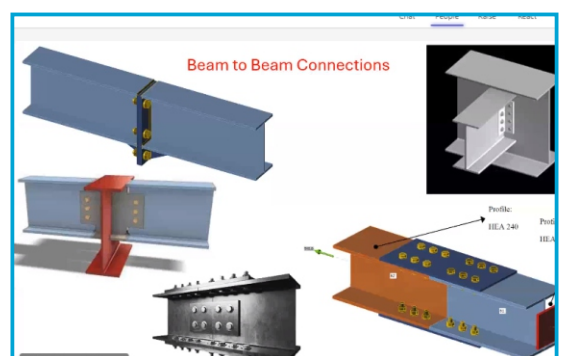
The department of Cyber Security and MCA, organised a guest lecture on 'Cyber Security and Cyber Crime Investigation' on 21.08.24. The speaker, Mr. Manibharathi Karunakaran, a Cyber Security Professional from the National Cyber Security Research Council, emphasized the importance of using specialized tools. The event attracted 210 students and was highly informative, with a valedictory function held on the same day.



On 21.08.24, the department of Management Studies, PEC hosted a guest lecture on 'Entrepreneurial Thinking as a Key to Business Success'. The event, led by Dr. C. V. Sujaritha Saravanan, Managing Director of Akshaya Organics, Salem, discussed essential skills, strategies, and inspiring stories of entrepreneurs. The event concluded with a vote of thanks.



The department of Civil Engineering and Paavai Civil Engineering Association organized a one-day technical webinar on 20.08.24, titled 'Best Practices and Emerging Trends in Steel Structure Connections'. Dr. A. Punitha Kumar, Associate Professor and Head, VIT University, Vellore, elaborated on current practices and global trends in steel structure connections. The webinar was interactive, engaging faculty and students, and left participants with a deeper understanding of the topic.



The department of Commerce, PASCW, organised a guest lecture on 'Financial Literacy' on 22.08.24, at Pavai Arts and Science College for Women. The speaker, Mr. Sabarathinam, discussed government schemes, digital money scams, and the benefits of banking apps. Both UG and PG students attended, gaining valuable insights into financial literacy.



Students of PASCW set up stalls selling various items, creating a lively atmosphere. This event emphasized sustainability and practical skills like purchasing, storing, selling, and accounting on 22.08.24. It allowed students to develop entrepreneurial skills and connect them with real-life experiences.



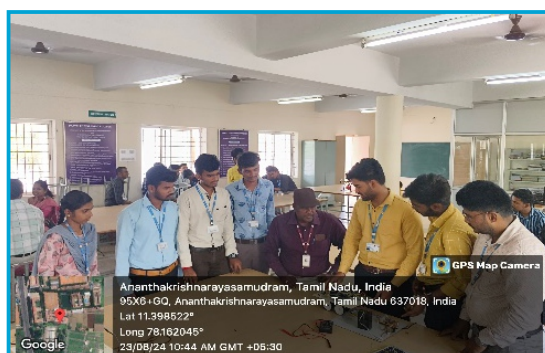
Medino's department of Pharmaceutical Technology and the IIC, PEC, hosted a guest lecture on 22.08.24 - 'Innovation/Prototype Validation - Converting Innovation into a Start-Up'. The resource person, Mr. Gowtham Shanmugam, EDII TN Dist. Coordinator, Dharmapuri, shared his experience as an EDC Coordinator and encouraged students to pursue entrepreneurial ambitions. He highlighted grant funding schemes, training programs, and internship opportunities for women entrepreneurs and SC/ST students.



On 22.08.24, the department of ECE, PEC, in collaboration with the Institution of Engineers – Salem Local Center and the Institution's Innovation Council, held a seminar on 'Embedded Systems – Driving Efficiency and Innovation Across Industries'. Dr. M. Premkumar, Principal, PEC, highlighted the role of embedded systems in driving efficiency, fostering innovation and transforming industries worldwide. The seminar also highlighted the impact of interconnected devices and urged sustainable solutions.



The department of Chemical Engineering, Food Technology, and IIC-PEC organized a mentoring event on 23.08.24 to motivate young entrepreneurs. Teams from various departments participated, with Innovation Ambassadors guiding them. The event helped to clarify project development and business strategies.



The department of Biotechnology, PEC, hosted a guest lecture on 'Next-Gen Treatments: Pioneering Drug Innovations for Emerging Diseases' on 23.08.24. The event marked the signing of an MoU between the two institutions, highlighting a significant collaboration. The lecture, led by Dr. S. Vijayakumar, Founder of VJ Biotech, discussed the role of medicinal plant-based therapies in addressing global health challenges and featured interactive discussions.



The Idea presentation event was organized by the department of MCTS and IIC, PEC, on 23.08.24 to inspire young entrepreneurs. Various projects were presented by students from the departments of Aero, MCTS, MECH, Chemical Engineering, and Food Technology. Each team presented their ideas before a jury, addressing queries related to project development and business strategies. Overall, it was an impactful and insightful session that guided and motivated young and budding entrepreneurs on their entrepreneurial journey



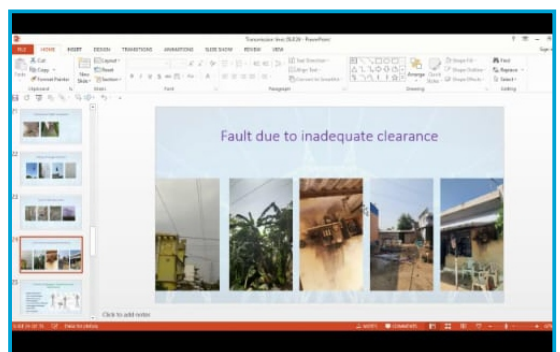
PEC, IT department hosted a guest lecture on the topic 'No More Coding' on 24.08.24 to familiarize the students with new job roles in the IT industry. The guest, Mr. Sathish Kumar Velappan and Chandran, Senior Product Owner and Manager in Tech Mahindra, Chennai, discussed the trend of no-code positions, transitioning from technical to business analyst and the difference between projects and products.



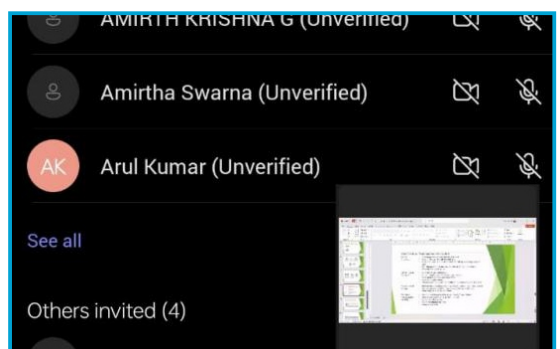
The department of BME, PCE, hosted an alumni guest lecture program on 24.08.24 titled 'Unlocking Your Potential'. The keynote speaker, Ms. A. Durga Devi, Infosys Limited, Bengaluru, shared her personal journey and career challenges. She emphasized self-awareness, resilience, and setting clear goals. Devi also discussed strategies for dealing with setbacks and challenges. She encouraged students to actively participate in events and emphasized the importance of practical approach to learning.



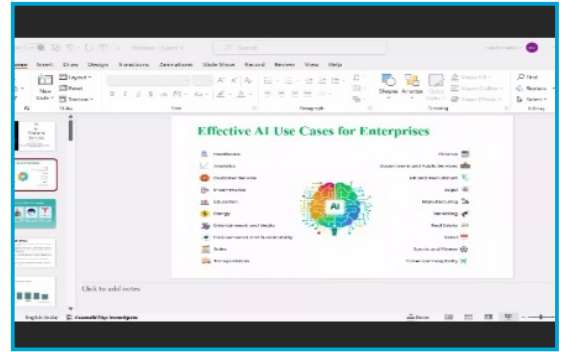
The department of EEE, PEC, organised an online webinar on 28.08.24, discussing the challenges and innovations of transmission lines. Dr. V. Royana Daisy, AE, TNEB, Mettur, provided an overview of safe, reliable, and efficient operation of power transmission lines. The webinar discussed maintenance strategies, the role of SCADA systems in monitoring and controlling transmission lines.



The department of Agri, PEC, hosted a guest lecture on 'Lean Start-Up and Minimum Viable Product/Business Mentoring' on 28.08.24. The speaker, Ms. S. Prithika from PM Enterprises, discussed the history of lean startups and business ideas related to dairy products and agriculture-related schemes. She addressed them to undertake simple projects involving innovations like automatic weather control, soil and water conservation, rainwater harvesting, hydroponics, and agricultural machinery rental.



The department of Management studies, PEC, organized a workshop from 29.8.24 to 31.08.24. Day 1: Prof. Dr. Rajesh Mamilla, Prof.&Head of VIT B-School, VIT University, Vellore, discussed the applications of AI in the financial sector. Day 2: Dr. Avinash Kumar from IIM Calcutta, presented on 'how AI can maximize resources and minimize waste' at both micro and macro levels. Day 3: Mrs. K. Indirah, Chief Technology Officer at Hanodale Solutions, Malaysia, delivered a presentation on 'The Role of Artificial Intelligence in the Retail Industry'

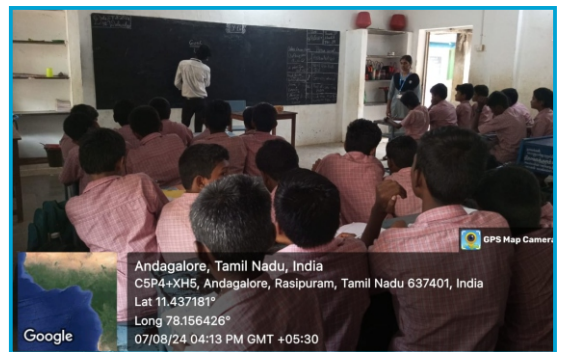


SOCIAL SENSITIVITY

PEC, YRC and Manipal Hospital, Salem organized an awareness program on organ donation on 08.08.24. The event, presided over by Dr. K.K.Ramasamy, Director Admin, aimed to educate students about the importance of organ donation and encourage them to become advocates. The chief guest Dr.Karthikeyan Selvaraj, Manipal Hospital, provided valuable insights into the process, challenges, and legal considerations. Students were benefited by the programme.



TQI Ullas Vennadur team volunteers of PEC, visited Vennandhur Government Boys School on 07.08.24, engaging 9th-grade students to play games, self-introduction, and a discussion on education's importance. The session was valuable and informative. All the students and finally collected feedback for future initiatives.



On 11.08.24, TQI Cluster team of PEC, completed thematic sessions in Bodinayakkanpatti and Alanganatham Panchayat. It focused on personal growth, planning, and prioritization. Interactive activities, homework reviews and finally feedback was collected. Students were encouraged to share learnings and set goals. The sessions successfully empowered students in both villages, fostering a supportive environment for growth and development.



On 20.08.24, TQI Ullas, PEC, Nallipalayam team conducted a productive summit 1 & 2 session at the North School, Namakkal, covering grammar topics and sustainability issues, and raising awareness about environmental pollutants and social media impact. The interactive session, which included a warm-up activity, diary distribution, and positive student feedback, made it a successful and engaging experience for the 9th and 10th-grade students.



On 20.08.24, Our TQI Ullas Ayothipatinam team volunteers successfully organized a Dairy of Dreams and Summit session for 9th students at Government Higher Secondary School Ayothiyapatinam, engaging students in mind games, confidence-boosting activities, and homework assignments. The interactive session, which included team introductions and feedback collection, aimed to help students identify positives, plan, and balance priorities, and overcome stage fear.



On 23.08.24, PEC, TQI, Kanaa team volunteers visited Model Mallur School to celebrate Independence Day and discuss the Inspire Award, collecting innovative ideas from students and guiding them on feasibility and cost efficiency. The session also included a quiz competition for 8th-grade students to enhance their current affairs knowledge, making the Independence Day celebration engaging and informative.



On 23.08.24, PEC, TQI ULLAS, Ayothiyapattinam team conducted Summit 1 and Summit 2 at Ayothiyapattinam School, engaging students in mind mapping, visual memory, planning, and time management activities. The interactive sessions, which included fun games and feedback collection were successfully completed, leaving students excited and motivated throughout the day.



On 23.08.24, PEC, TQI team successfully conducted an orientation program for over 40 newly recruited volunteers, introducing them to TQI's mission, core values, and ongoing projects. The engaging session, which included fun activities, sparked enthusiasm among volunteers, preparing them to contribute to TQI's initiatives and make a positive impact.



On 27.08.24, PEC, TQI Girls Team conducted 'Diary Of Dreams' and 'Summit1 Day' sessions at Pachal Government Higher Secondary School, engaging 9th grade students in warm-up activities, dream sharing, and the 'Magic Mirror' game. The interactive session fostered an open environment, encouraging students to share their dreams and stimulating creativity among the participants.



Faculty Journal Publications and Patents

Name of the Faculty with designation	Name of the Journal / Patent/ Article	Title of the Journal / Patent/ Article	Reference No.
Dr.P. Muthusamy Professor - CYBER, PEC	Bulletin of Electrical Engineering and Informatics	Harnessing DBSCAN and Auto-Encoder for Hyper Intrusion Detection in Cloud Computing	Vol. 13, No. 5, October 2024
R.Loganathan AP - CYBER, PEC	Peer-to-Peer Networking and Applications	A Block Chain-Based Security Model For Internet Of Vehicles Using Multi- Factor Authentication	Under 2 nd Reviewer
R.Loganathan AP - CYBER, PEC	IJRASET64014	Exploring the Dark Web: In-Depth Analysis	DOI-DOI:10.22214 Volume 12, Issue VIII, August 2024
R.Rajalakshmi AP - CYBER, PEC	IJRASET64015	Cyber Security In Health Sector the Dark Web: In-Depth Analysis	DOI-DOI:10.22214 Volume 12, Issue VIII, August 2024
Dr.G. Madasamy Raja Prof - IT, PEC S.Rajesh Asso. Prof - IT, PEC	Published In Amazon & Flipkart	Artificial Intelligence: Concepts and Applications	ISBN No: 978-93-6010-014-8
Dr.D.R.P Rajarathnam Prof - MCTS, PEC Dr.R.T Ajaykarthik ASP - MCT, PEC R.Arunbabu AP - MCT, PEC	Secure and User-Friendly Face Recognition System for office and Home Automation	Patent	202441059836 A
Dr.B.Dhevahi Prof - PHARMA, PEC	Ictact Journal On Soft Computing	Intelligent agents and deep learning algorithm based semantic segmentation for precision agriculture on smart farming solutions	ISSN: 2229-6956
Dr.B.Dhevahi Prof - PHARMA, PEC	Current Research in Medicinal Plant Sciences	Synergistic Solutions: Polyherbal Mixtures for Liver Disease Remediation	978-93-6233-755-9
Dr. R.Arravind Prof - AERO, PEC	Interactions (2024)	Analysis of metal removal rate on nitinol alloy using electrochemical honing process	Volume 245, article number 256, (2024)
Dr.S.Vijaya kumar Prof - ECE, PEC	Journal of Optical Communications 2024	Relative intensity noise management and thermal / shot noise control for high speed ultra high bandwidth fiber reach transmission performance	DOI: 10.1515/joc - 2024 - 0135
Dr. C.Nirmala Prof - BT, PEC	Added Products From Food Waste	Keratinase: A Futuristic Green Catalyst and Potential Applications	ISBN 978-3-031-48143-7

Name of the Faculty with designation	Name of the Journal / Patent/ Article	Title of the Journal / Patent/ Article	Reference No.
Dr.D.Banumathy Prof - CSE, PEC Dr.P.Thiyagaraja ASP - CSE, PEC V.Maheskumar AP - CSE, PEC	International Conference on Advancement in Power, Communication and Intelligent Systems(APCI)	Power, Communication and Intelligent Systems(APCI)	ISBN 979-8-3503-6329-6
Dr. L.Vasanth AP - BME, PCE	IJRPR Journal	Performance analysis of MIMO system using BICM and ID	ISSN 2582-7421
Mr. T.Sankar AP - MECH, PCE	REVISTA, MATERIA	Enhancing thermal and Mechanical Properties of Polycaprolactone Non Fibers with Graphene and Graphene Oxide Reinforcement for Bio-Medical Applications	ISSN1517-7076 V.29, N.3 2024
Mr. E.S.Palanivel AP - MECH, PCE	REVISTA, MATERIA	Enhancing Flour Quality and Milling Efficiency: . Experimental Study on Bullet Plate Type Flour Grinding Machine	ISSN1517-7076 V.29, N.3 2024

Student Journal Publications and Patents

Name of the Student with Dept	Name of the Journal / Patent/ Article	Title of the Journal / Patent/ Article	Reference No.
M.Jana A.Praveen Kumar R.Harikrishnan M.Santhoshkumar IV - SYS, PEC	IJRASET64014	Exploring the Dark Web: In-Depth Analysis	DOI-DOI:10.22214 Volume 12, Issue VIII, August 2024
A.P.Thivagar M.Mukesh E.Pavinath M.Balamanikandan IV - SYS, PEC	IJRASET64015	Cyber Security In Health Sector	DOI-DOI:10.22214 Volume 12, Issue VIII, August 2024

Faculty Achievements and Awards

Name of the Faculty with designation	Awards / Achievement Details	Awarded by	Date
Dr.B.Venkatesan Prof. & Head, IT	IEEE Conference	7 th International Conference on Intelligent Computing and Communication(ICICC-2024)	CMR Technical Campus, Hyderabad 30.08.2024 & 31.08.2024

Alumni Testimonial

PAAVAI ENGINEERING COLLEGE



M.SHANMIKA

B.TECH - IT, 2017 - 2021

Business Partner / Technical Recruiter
Pivotal Associates (TSMSP), Bangalore

Paavai Engineering College nurtured my pivotal role of business development and talent acquisition professional and trained me well with top - tier talent. Paavai focuses on building strong partnerships and client-centric solutions led to long-term client satisfaction. The data-driven insights and innovative techniques I had learned streamlined my hiring process. The career coaching provided in Paavai helped me unlock my potential, fostering, meaningful relationships and achieving success in my career.

PAAVAI COLLEGE OF ENGINEERING



K.KAVIN

B.E - CSE, 2012 - 2016

Software Engineer, Rubix Cloud Technologies
Trichy

I studied computer science and engineering. As a student, it was an excellent learning experience because I received not just knowledge but also support and comments which helped me to improve my skills. My professors' continual support altered my life. I've learned a lot from them. They taught me morals and how to approach life with tenacity. It was a privilege to be a student at Paavai College of Engineering. It has helped me to build a solid basis for my work and professional life. I am deeply grateful to all of the pillars and stake holders for bringing out the best in me.

PAVAI ARTS AND SCIENCE COLLEGE FOR WOMEN



SRI RAGAVI

B.Sc,(CS) - 2020 - 2023

Web Designer, Hema Enterprises Pvt Ltd
Chennai

I am Sri Ragavi, Alumina of PASCW. Presently, I am working as Web designer at Hema's Enterprises Private Limited, Chennai. I found myself transformed into a more capable and resilient person as an effect of the time I spent in the college. Our college's emphasis on innovative thinking and creativity has boosted my talents and improved my field of interest. The staff expertise, encouragement, and dedication played a significant role in my successful transition to the workforce. Your contributions to my career journey have been immense, and I am forever grateful. I want to express my gratitude to the administration and faculty of the college for having shaped me into the person I am today. I put into practice the treasure of the opportunities I had here and the things I acquired in the college.

PAAVAI POLYTECHNIC COLLEGE



VIVEL KRISHNAKUMAR
DME - 2010 - 2013
Senior Architech, ED Jones
USA

I completed my Diplamo in Mechanical Engineering from 2010 to 2013. Paavai Institutions and my teachers, with their strict guidance and a nurturing environment, have shaped me into a person I am today. Students, as I stand before you today, I want to emphasize a powerful truth, that the pathway to financial freedom is paved with knowledge. Your studies are not just a way to earn a degree; they are the foundation upon which you build your future. Every concept you grasp and every skill you develop is an investment in yourself. It is through this dedication to learning that you unlock doors to opportunities, enabling you to achieve the financial independence you aspire to. Remember, education is the most valuable asset you can possess; it is the key to unlocking the life you desire.

Wall of Fame



M.SANJAY
II-CHEM, PEC
1st PRIZE
18th Interstate Yoga
Competition United Institute
of Technology, 25.08.24



G.S.RAHULROHITH
II-CIVIL, PEC
Silver in Power Lifting
State Classic and Equipped Bench Press
112.5 Kg and 130 Kg
31.08.24 and 01.09.24



DASARI MANVITHA
II-CIVIL, PEC
1st PRIZE - JUDO
KCET - Trichy
16.08.24 - 18.08.24



MOHAMMED JAMAL
II-CIVIL, PEC
3rd PRIZE - Yoga
UIT, Coimbatore
25.08.2024

ENGLISH GROVE

IDIOMS

Jumping the shark : a sign that something has declined in quality or become absurd

e.g. The show really jumped the shark when they introduced a talking dog in the latest season.

Shooting fish in a barrel : something very easy to do, often with an unfair advantage

e.g. Convincing him to eat dessert was like shooting fish in a barrel; he never says no to chocolate.

Barking up the wrong tree: pursuing the wrong course of action or blaming the wrong person

e.g. If you think he took your keys, you're barking up the wrong tree; check your bag again.

Riding shotgun : sitting in the front passenger seat of a car

e.g. Raju got in the back seat next to Ramu and kumar rode shotgun.

A dollar short and a day late : being too late or inadequately prepared for something

e.g. Being a dollar short and a day late, the monsoon rains did not benefit the farmers.

Tighter than a drum : very secure or tight

e.g. You needn't worry about leaks; this tent is tight as a drum.

Like a bull in a china shop : acting clumsily or without regard for the surroundings

e.g. He moved through the antique store like a bull in a china shop knocking over several vases.

Kicking the can down the road : delaying or avoiding a decision or action

e.g. The committee keeps kicking the can down the road instead of addressing the budget crisis.

Out of the frying pan, into the fire: escaping one bad situation only to end up in an even worse one

e.g. The poor refugees jumped out of the frying pan into the fire as they escaped the famine but ended up in a war zone.

Throwing in the towel : giving up or surrendering

e.g. After struggling for months to learn the guitar, I'm throwing in the towel as it's just too hard.

Sitting on the fence : being undecided or not taking sides in a debate or decision

e.g. You can't sit on the fence any longer you have to decide whether to accept the job offer or not.

Biting off more than you can chew: taking on more responsibility than one can manage

e.g. She bit off more than she could chew by volunteering for three big projects at once.

Chew the fat : having a casual, relaxed conversation

e.g. They sat on the portico and chewed the fat for hours, just catching up on life.

Out of the blue : happening suddenly and unexpectedly

e.g. She called me out of the blue after years of no contact.

Cat got your tongue? : used when someone is unexpectedly silent or unable to speak

e.g. You've been so quiet. What's the matter, cat got your tongue?

Going bananas : acting crazy or losing control, often out of excitement

e.g. The kids were going bananas when they saw the magician's tricks.

Paavai in Press



பாபவை வித்யாஸர்ம் பள்ளிகளில்
விடுதி மாணவர்களுக்கு வரவேற்பு விழா
ராசிபுரம், ஆக.23-
பாபவை வித்யாஸர்ம் பள்ளி
களில் விடுதி மாணவர்க
ளுக்கு வரவேற்பு விழா நடை
பெற்றது. நிகழ்ச்சிக்கு பாபவை
வித்யாஸர்ம் பள்ளி
தலைவர் ஆடிட்டர் நடராஜன்
முன்னிலை வகித்தார். பள்ளி
களில் தலைவர் மற்றும்
தாளாளர், பள்ளிகளின் இயக்
காளர்கள் ஆகியோர் கலந்து
கொண்டனர்.



பாபவை கல்வி நிறுவனங்களில்
புத்தாக்க பயிற்சி வகுப்பு
ராசிபுரம், ஆக.23-
பாபவை கல்வி நிறுவனங்களில்
புத்தாக்க பயிற்சி வகுப்பு
தொடக்கம் செய்யப்பட்டது.
இந்த வகுப்பில் மாணவர்கள்
புத்தாக்க பயிற்சி பெறும்
வாய்ப்பைப் பெறும். இது
மாணவர்களுக்கு புத்தாக்க
பயிற்சி பெறும் வாய்ப்பை
பெற்றுள்ளது. மாணவர்கள்
புத்தாக்க பயிற்சி பெறும்
வாய்ப்பைப் பெறும். இது
மாணவர்களுக்கு புத்தாக்க
பயிற்சி பெறும் வாய்ப்பை
பெற்றுள்ளது.



காடமி சார்பில்
பாபவை கல்வி நிறுவன தலைவர்
புரட்சியாளர் விருது
பாபவை கல்வி நிறுவன
தலைவர் புரட்சியாளர் விருது
பெற்றுள்ளது. இது
மாணவர்களுக்கு புத்தாக்க
பயிற்சி பெறும் வாய்ப்பை
பெற்றுள்ளது.



கல்வாரிகளில் சுதந்திர
பாபவை கல்வி நிறுவனங்கள் சார்பில்
கல்வாரிகளில் சுதந்திர
விழா நடைபெற்றது. இது
மாணவர்களுக்கு புத்தாக்க
பயிற்சி பெறும் வாய்ப்பை
பெற்றுள்ளது.



பாபவை கல்வி நிறுவனங்களின் தலைவருக்கு
கல்வி புரட்சியாளர் விருது
பாபவை கல்வி நிறுவன
தலைவர் கல்வி புரட்சியாளர்
விருது பெற்றுள்ளது. இது
மாணவர்களுக்கு புத்தாக்க
பயிற்சி பெறும் வாய்ப்பை
பெற்றுள்ளது.



பாபவை கல்வி நிறுவனங்களில் சுதந்திர தின விழா
பாபவை கல்வி நிறுவன
களில் சுதந்திர தின விழா
நடைபெற்றது. இது
மாணவர்களுக்கு புத்தாக்க
பயிற்சி பெறும் வாய்ப்பை
பெற்றுள்ளது.



பாபவை நாசாங் கல்வாரியில்
புளோரன்ஸ் நைட்டிங்கேல் 60
பாபவை நாசாங் கல்வாரியில்
புளோரன்ஸ் நைட்டிங்கேல்
60 ஆவது பிறந்ததின விழா
நடைபெற்றது. இது
மாணவர்களுக்கு புத்தாக்க
பயிற்சி பெறும் வாய்ப்பை
பெற்றுள்ளது.



பாபவை கல்வி நிறுவனங்களில்
புளோரன்ஸ் நைட்டிங்கேல் 60
பாபவை கல்வி நிறுவன
களில் புளோரன்ஸ் நைட்டிங்கேல்
60 ஆவது பிறந்ததின விழா
நடைபெற்றது. இது
மாணவர்களுக்கு புத்தாக்க
பயிற்சி பெறும் வாய்ப்பை
பெற்றுள்ளது.



கேம்பம் ஃபயர் வரவே
பாபவை வித்யாஸர்ம் பள்ளி
களில் கேம்பம் ஃபயர் வரவே
ற்பு விழா நடைபெற்றது. இது
மாணவர்களுக்கு புத்தாக்க
பயிற்சி பெறும் வாய்ப்பை
பெற்றுள்ளது.

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 Corporate Hospital)