



PAAVAI

EDUCATIONAL INSTITUTIONS

Think Education... Think Paavai.


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

PAAVAI VOICE

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Chairman's message

Dear parents and students!

Greetings from your Chairman

It gives me immense pleasure to witness the vibrant spirit and creativity showcased during ASTRA'2025 a Cultural Extravaganza. These events not only celebrate the diversity of talent among our students and staff but also serve as a reminder of the importance of cultural expression in holistic development. From classical performances to contemporary art forms, each presentation reflected the passion of our participants. Such cultural events are essential in nurturing confidence, teamwork, and leadership among our students fostering well-rounded individuals who can connect with the world through empathy and creativity.

The musical concert of Ms.Saindhavi, singer was a spectacular showcase of talent, passion, and harmony. It brought together students, faculty, and guests in a celebration of rhythm and music. The performers captivated the audience with their energy and artistry. Events like these enrich our cultural fabric and offer a much-needed moment of joy and unity.

Our Annual Day was yet another milestone that brought the entire institution together in a spirit of unity and reflection. The guest was Mr. Sridhar Vembu, Co-founder and Chief Scientist of Zoho Corporation. It was a proud moment to look back at our collective achievements over the past year. On the occasion of International Women's Day, we celebrate the remarkable strength, talent, and resilience of the women in our institution and beyond. Their contributions across academics, research, administration, and student life continue to inspire and elevate our community. This day reminds us of our responsibility to promote gender equity, create inclusive opportunities, and support the empowerment of women at every level. Let us continue to build an environment where every woman feels valued, respected, and empowered to achieve her fullest potential.

The recent National Medical Conference hosted by our institution was a resounding success, drawing experts and delegates from across the country. It provided a rich forum for the exchange of knowledge, innovations, and best practices in medicine. The recognition we received as hosts highlights our growing reputation as a hub of academic excellence and thought leadership.

We are embracing Artificial Intelligence as a transformative force in education and healthcare. From diagnostic tools to personalized learning platforms, AI is redefining possibilities. Our institution is actively investing in training, research, and infrastructure to stay at the forefront of this digital revolution and also ensure that our students are prepared for a future driven by intelligent technologies.

In the domain of research, I am delighted to see our institution making steady progress. From clinical trials to interdisciplinary studies, our scholars and faculty are contributing valuable knowledge to the academic and medical communities. We are committed to supporting research that not only advances science but also addresses real-world challenges for the betterment of society.

Looking ahead, our vision remains clear. We aim to continue building a dynamic and forward-looking organization that not only meets the demands of today but anticipates the opportunities of tomorrow. We are investing in technology, sustainability, and talent to ensure we remain competitive and socially responsible.

Warm regards,

Chairman

ASTRA'25

'ASTRA 2025' – A two day intra-collegiate cultural extravaganza was organised by Paavai Educational Institutions under the student activity forum AURA and SPARISM on 27.03.25 and 28.03.25 for Engineering students headed by Ar. Avanti Natarajan, Director, Student Affairs cum ASTRA Convener welcomed the gathering. In her welcome speech, she stated a decade of ASTRA has created a platform for the Paavaians to explore their inner potentials and become achievers. In Astra'25, Engineering students of Paavai Institutions were grouped as three teams namely Paavai Warriors, Paavai Troopers and Paavai Crusaders.

CA. N.V. Natarajan, Chairman, presided over the inaugural function and Inaugurated 'Astra'25' and delivered the presidential address. In his presidential address, he stated that Astra'25 serves as a platform to improvise the students' skills, leadership qualities, organisational behaviour and cultural activities. He also added that more than being a normal cultural fest, it will give the students some good experiences to shape their creativity and talents. He also included that these types of cultural fests will encourage and motivate younger minds to overcome fear and hesitation. ASTRA'25 was designed with a total of 50+ grand events grouped under 12 categories like Dance, Music, Let's Talk, Dramatics, Tamil forum, Fashion Runway, Media, Art Attack, Fireless Cooking, Mega Rangoli, Sports events etc .



These events were conducted to prove students' strength and unity in this competitive cultural environment. The prelude for ASTRA'25 was given by Ms. R. Swetha, III CSE and Mr. A. Ajmal Thahseen, III Cyber. Smt. Mangai Natarajan, Correspondent, Paavai Institutions felicitated the gathering.

On day 2 of ASTRA'25 events etc were conducted and the winners were announced. In the valedictory function, Ar. Avanti Natarajan, Director-Student Affairs cum ASTRA Convener welcomed the gathering. Famous female singer Ms. Saindhavi and her band performed live singing on the title Isaiyum Nilavozhiyum for about three and a half hours in Kalpana Chawla open theatre for a large gathering of students and faculty members of Paavai Institutions. Smt. Mangai Natarajan, Correspondent, Paavai Institutions felicitated the gathering.



ANNUAL DAY'25

The Annual Day celebrations of Paavai Educational Institutions were held at the Kalpana Chawla Open Auditorium. The event was presided over by Shri CA. N. V.Natarajan, Chairman, Paavai Institutions, . The special guest of the occasion was Mr. Sridhar Vembu, Co-founder and Chief Scientist of Zoho Corporation. Dr. M. Premkumar, Principal, Paavai Engineering College, , delivered the annual report. The event began with a welcome address and presidential speech by Shri CA. N. V.Natarajan, Chairman, Paavai Institutions.

In his speech, the Chairman said: 'With Divine grace and the blessings of nature, I feel proud to witness the discipline and calmness of our beloved students during this Annual Day. This celebration is a reflection of the achievements and activities of the past year. Dear students, today's accomplishments are the outcomes of yesterday's thoughts. Therefore, if your thoughts and dreams are strong, you can certainly achieve great things. To become achievers, follow these principles: Genuine goals, legal path, a clear path, perseverance, hard and smart work, disciplined conduct, and devotion to God. If you consistently follow these, you will become successful individuals.

For the academic year 2024–2025, Paavai Engineering College has secured the third position in student admissions across Tamil Nadu. For the eighth consecutive year, we have won the Champion of Champions title from Anna University. Moreover, in Internshala, we have consistently secured the 1st rank at the National level for the eighth time. In terms of placements, 95% of our students have been placed in leading companies like Wipro, TCS, Tech Mahindra, Infosys, and others. These achievements are just a glimpse of what Paavai has accomplished. In the coming years, I wish that all of you will shine like pearls and gems in the crown of Paavai's success'. Following this, the Chairman honored Mr. Sridhar Vembu with a memento and a Ponnadai.

The special Address was given by Mr. Sridhar Vembu, In his speech, he said: 'As students pursuing education, you are the foundation and backbone of the technological world. Hence, it is



you have a futuristic vision of technology. In the next 2-3 years, Artificial Intelligence will revolutionize industries. It is already happening. Therefore, young students like you must deeply understand and explore it. You should become experts in new technologies and software tools. At this young age, you must stay focused on opportunities, because success comes only to those who are truly deserving. Continuously improve yourselves day by day.

Our India is a land rich in natural resources and proud traditions. Yet, we are still technology consumers, not producers. Do not aim to work abroad. Instead, think about what we can do within our country to bring progress. Identify sectors in which our country, state, district, or villages are lagging behind and take action to bring development. This will lead to India's economic growth. Preserve our culture and heritage and pass it on to the next generation. Above all, strive to be self-reliant - but not selfish. Ensure that your success never disrupts your inner peace. As a contribution to society, continue to do good deeds like planting trees and renovating ponds. That way, you'll also protect nature. I wish you all the very best in becoming good human beings and wise citizens'.

After his address, students and professors interacted with Mr. Sridhar Vembu and cleared their technology-related doubts. Finally, Mrs. Mangai Natarajan, Correspondent, Paavai Institutions, proposed the vote of thanks.



NATIONAL CONFERENCE ON FORENSIC NURSING: THE EVOLUTION OF INDIAN PERSPECTIVES

Paavai College of Nursing and Research organised a one-day National Conference on 'Forensic Nursing: The Evolution of Indian Perspectives' on 01.03.25 at Pragathi Hall. The inaugural session was presided over by Shri. CA. N. V. Natarajan, Chairman, Paavai Institutions. The chief guest, Dr. Rakesh Kumar Gorea, Executive Director, Medico-Legal Institute, Baba Farid University of Health Sciences, Faridkot, Punjab, graced the occasion. Smt. Mangai Natarajan, Correspondent, Paavai Institutions, along with other dignitaries, lit the traditional kuthuvilakku. In his chief guest address, Dr. Rakesh Kumar Gorea highlighted the significance of forensic nursing as an evolving and indispensable specialty that bridges healthcare and the justice system. He emphasized its crucial role in addressing violence, trauma, and crimes against individuals while ensuring justice and advocacy for victims and survivors. He further elaborated on forensic nursing's contributions to forensic investigations, legal proceedings, and trauma-informed care, noting that forensic nurses serve as a vital link between medicine and law, ensuring that victims receive both compassionate care and medico-legal documentation to uphold justice. The conference prelude was delivered by Dr. Hepsi Rachel Chellarani, Principal, Paavai College of Nursing. The event was also attended by the Director Administration, Director Admissions and Principals Paavai Institutions.

The conference featured seven insightful scientific sessions, each led by distinguished speakers: Dr. Rakesh Kumar Gorea, MBBS, MD, Ph.D. (Forensic Medicine & Toxicology, Odontology). Topic: 'Strategies to Influence the Future of Forensic Nursing & the Global Response to Violence' Dr. Malarvizhi S, RN, RM, Ph.D. (N), Professor & HOD, College of Nursing, Pondicherry Institute of Medical Sciences, Pondicherry. Topic: 'Role and Challenges of the Forensic Team in Human Rights Investigations' Dr. Shejila Chillakunnel Hussain Rawther, RN, RM, Ph.D. (N), Professor, CNS, Dayananda Sagar University, Bangalore. Topic: 'Evidence Preservation and Documentation - Role of a Nurse' Prof. S. Renuka, M.Sc. (N), MBA (HM), Professor & HOD, KMCH College of Nursing, Coimbatore. Topic: 'Comprehensive Forensic



Nursing Care for Victims and Families – Role of a Forensic Nurse’. Dr. R. Naganandini, RN, RM, Ph.D. (N), Professor & HOD, Vinayaka Mission's Annapoorana College of Nursing, VMRF-DU, Salem. Topic: ‘Incorporating Evidence-Based Strategies into Forensic Nursing Practice’. Dr. K. Gokularamanan, MBBS, MD, HOD, Department of Forensic Medicine, Government Mohan Kumaramangalam Medical College and Hospital, Salem. Topic: ‘Current Scenario and Scope of Forensic Nursing’. Ms. G. M. Kavitha, MA, M.L., Assistant Professor of Law & Head-in-Charge of Pre-Law Course, The Central Law College, Salem. Topic: ‘Indian Constitution, Indian Judicial System & Laws Against Violence (POSCO Act)’

The conference witnessed the enthusiastic participation of 500 delegates from various institutions across Tamil Nadu. The participants received certificates and mementos, presented by Dr. Hepsi Rachel Chellarani, Principal, PCNR. The Vote of Thanks was proposed and the conference concluded with the National Anthem.

QUALITY OF SOUTH INDIAN TEA

On Saturday, March 22, 2025, the Department of Agricultural Engineering organised a guest lecture on ‘Awareness on the Quality of South Indian Tea in Educational Institutions’ in collaboration with Tea Board India, a statutory body under the Ministry of Commerce & Industry, Government of India, BUDDIES Café – Danjo Teas, and Paavai Educational Institutions.

The resource persons for the session were, Mr. M. Ramesh, Assistant Director, Tea Development, Tea Board India, Mr. S. Arun Kumar, Factory Development Officer, Tea Board India, Mr. D. Nirmal Raj, Tea Entrepreneur, Founder & CEO, Buddies Café – Danjo Teas

The event was coordinated by Dr. P. Tamilchelvan and Mr. U. Karthickeya from the Department of Agricultural Engineering and was held at Kalam Chamber, The program consisted of three sessions for students and faculty members. It commenced with a prayer song, followed by a welcome address by Dr. B. Kailashkumar, Head, Agri Dept. The presidential address was delivered by Dr. K. K. Ramasamy, Director (Admin), who also honoured the resource persons with a memento.

Mr. M. Ramesh introduced the varieties of tea available in India, ranging from low-cost to premium-quality teas. He explained processing techniques such as tea leaf harvesting, drying, milling, segregation of different grades, packaging, marketing, and modern sales strategies. Mr. S. Arun Kumar highlighted adulteration in tea granules, explaining how market players manipulate tea quality. He demonstrated practical methods for consumers to detect and analyze adulteration. Mr. D. Nirmal Raj discussed new trends in tea leaf segregation, marketing, and the availability of over 300 varieties of tea priced between ₹300/kg and ₹1,00,000/kg. He also demonstrated the process of making high-quality tea without milk and sugar.



This awareness program provided students with valuable insights into career opportunities in the tea industry, tea processing techniques, global tea culture, and market trends. A total of 750 students and several faculty members attended the program and gained a deeper understanding of the tea industry. The interactive nature of the sessions made the event a resounding success, sparking student interest in potential careers with Tea Board India. The event concluded with a vote of thanks proposed by the Student Secretary, expressing gratitude to the resource persons, faculty members, and participants for making the session engaging and insightful.

PI DAY 2025

Department of Mathematics, in collaboration with the Aryabhata Math Club, PEC successfully organized Pi Day 2025, featuring exciting competitions to celebrate the significance of Pi (π). The events included Pi Craft, Rangoli, Quiz, and Poster Design on 14.03.25. Students from PEC, PCE and PASCW participated enthusiastically. Around 415 students competed. The first prize was won by Tharani D, Mugilarasi L, and Sathiya P, I AIML B, PEC. The second prize was awarded to Anuja P, Hemalatha K, and Dharanyadevi S B, I ECE A, PEC along with Rangavi G, I ECE C, PEC. The third prize went to Kanishma R and Abiyouth S-I BME, PCE, with consolation prizes given to several other students. The Quiz competition tested mathematical knowledge and reasoning skills. The first prize winners were Snehith Reddy C G, Vishnuvarthan T, Kaviya M, and Kanika S, PCE. The second prize was won by Devidharshini S, Kalaiyarasan M, Kalai Suriyamurthi, and Veeraa Suriyaa B, PEC, while the third prize was awarded to Ragul R, Krishnamoorthi N, Hariharan B, and Vasanth S, PCE. In the Poster Design competition, students visually represented Pi's significance through creative posters.

The first prize was secured by Snehith Reddy C G-I AIML, PCE. The second prize was awarded to Naveen Kumar T -I CY SEC, PCE and Yeshwanth T Y - II ECE C, PEC. The third prize winners were Pragadesh - I IT B, PEC, Kaviya K -I N&D, PASCW, and Asmitha A- II CS, PASCW, with several other participants receiving consolation prizes. The Rangoli competition combined mathematical themes with traditional artistry, featuring designs inspired by Pi. The first prize was awarded to two teams: one from PCE and another from IT Aero. The second prize winners included teams from I AIML B (PEC) and II MCT & I ECE B (PEC), while the third prize was shared by teams from II Maths, PASCW and I IT B, PEC. Consolation prizes were given to outstanding designs. The event encouraged mathematical exploration, creativity, and teamwork. It helped students enhance their mathematical skills, appreciate interdisciplinary learning, and foster healthy competition.



INTERNATIONAL WOMEN'S DAY - சங்கத்தமிழின் சிங்கப்பெண்

Paavai Educational Institutions celebrated International Women's Day with a motivational speech program titled 'சங்கத்தமிழின் சிங்கப்பெண்' on 07.03.25, at Anandha Aragam. The event commenced with a prayer song and the Tamil Thai Vazhthu. Mrs. Chitra Ganapathy, Managing Director, Madurai Kadambavanam (Temple of Tamil Traditions), graced the occasion. Shri CA. N.V. Natarajan, Founder & Chairman, Paavai Institutions, presided over the function and delivered the presidential address. Following this, Smt.Mangai Natarajan, Correspondent, Paavai Institutions, lit the ceremonial lamp along with other dignitaries. The special guest, Mrs. Chitra Ganapathy, delivered an inspiring address. She commended Paavai Institutions for recognizing the importance of celebrating womanhood and shaping women into achievers. She emphasized that women have been pioneers in various fields since ancient times. 'A woman is a sublime creation, and our literature is a testament to this. The word 'woman' itself originates from the concept of cherishing. If we explore our rich Sangam literature, women have played a crucial role in nurturing families, excelling in business, agriculture, knowledge, and culture.' She referenced Ponmudiyar's poetic lines: 'Giving birth and nurturing is my primary duty'.

She explained that, since the Sangam era, women have been the foundation of civilization, discovering food sources, developing trade through barter, and participating in cotton production as evidenced in the Keeladi excavations. She further mentioned how Avvaiyar, a revered Tamil poet, served as a diplomat, and how women excelled in virtues such as modesty, nurturing, and leadership. 'Ours is a woman-centered society that depends on women for its growth. As modern women, you must serve as a bridge between tradition and modernity. It is your responsibility to preserve and pass on the antiquity, greatness, and dignity of Tamil language, culture, and civilization to future generations'. Smt.Mangai Natarajan, Correspondent, Paavai Institutions delivered the felicitation address. The event also included a prize distribution ceremony, where trophies and certificates were awarded to the winners of Sristi 2025, the cultural festival of PASCW. The vote of thanks was proposed by Ms. G. Suvathini Sri, III CSE, PEC, followed by the National Anthem. The event was attended by Dr. K.K. Ramasamy, Director Admin along with Principals, heads of departments, professors and students.



NATIONAL CONFERENCE

ON

TACKLING TOMORROW'S THREATS: EMERGING INFECTIOUS DISEASES, DRUG DEVELOPMENT AND GLOBAL HEALTH INNOVATIONS

The Department of Pharmaceutical Technology, PEC successfully organized a one-day National Conference on Tackling Tomorrow's Threats: Emerging Infectious Diseases, Drug Development, and Global Health Innovations on 25.03.25. The conference commenced with the invocation and lighting of the Kuthuvilaku, signifying the auspicious beginning of the event. Dr. R. PraveenCumar, Head, Pharmaceutical Technology, PEC, warmly welcomed the distinguished guests, participants, and delegates. The event was presided over by Shri. CA. N. V. Natarajan, Chairman, Paavai Educational Institutions, who emphasized the significance of pharmaceutical advancements in tackling emerging infectious diseases. The keynote Address was Delivered by Dr. Arumugam Muruganandam, Managing Director & Chief Scientific Officer, Affigenix Biosolutions Pvt Ltd, Bangalore, Karnataka.

The keynote address by provided critical insights of the growing threat of antimicrobial resistance (AMR) and its severe consequences for public health. The session highlighted the overuse and misuse of antibiotics as the primary drivers of AMR and stressed the need for urgent interventions in medical practice, pharmaceutical regulations, and public awareness. Dr. Muruganandam's keynote address was highly impactful, offering deep insights of the causes, consequences, and preventive strategies for AMR. The session provided a valuable learning experience, inspiring healthcare professionals, researchers, and students to advocate for responsible antibiotic use and stricter regulations.

The key points include antibiotic overuse and its impact, unregulated sale of antibiotics, public health consequences of AMR and influence of food habits on AMR. Dr. Indranil Chattopadhyay, Department of Biotechnology, Central University, Tamil Nadu. In his keynote address he provided an in-depth analysis of antimicrobial resistance (AMR) and its growing threat to global health. He emphasized the urgent need for a multi-dimensional approach to tackle AMR, including new drug discovery, regulatory enforcement, alternative therapies, and dietary interventions. The key points include understanding antimicrobial resistance (AMR), the role of drug development in combating AMR, the impact of food habits on AMR, the need for stronger regulatory frameworks and a multi-disciplinary approach to tackling AMR. Smt. Mangai Natarajan, Correspondent, Paavai Institutions, expressed gratitude to the esteemed speakers for their valuable contributions.

To sum up, a total of 235 registrations out of which 112 was external and 123 internal registrations. Among the external registrations, a total of 54 online and 44 offline presentations have



been scheduled. We had registrations from 7 Universities, 19 colleges, 1 Research Institute and 1 Industry. We had delegates from Annamalai University, Faculty of Engineering and Technology, Anna University, BIT Campus, The Gandhigram Rural Institute (Deemed to Be University), Chettinad Academy of Research and Education Deemed to be University, Annamalai University, Bharath University, Vinayaka Mission University, and Sathyabama University.

The National Conference on Tackling Tomorrow's Threats provided a fruitful platform for knowledge exchange, networking, and academic discussions. The participation of renowned experts, researchers, and students made this event a grand success, fostering collaborations in the field of infectious disease research, drug development, and global health innovations. We extend our heartfelt gratitude to all the distinguished speakers, delegates, and attendees for making this conference a remarkable and enriching experience.



AI WORKSHOP ON REDEFINING DESIGN, EMPOWERING EDUCATORS, SHAPING TOMORROW

Prof. Karthik Ramani, Senior Professor and Physical AI expert from Purdue University, USA, visited Paavai Educational Institutions and addressed the press, offering insightful perspectives on the future of Artificial Intelligence. He emphasized that AI technology is evolving at a rapid pace and has become a cornerstone of innovation in today's world. With its growing influence across diverse industries globally, AI holds immense potential - especially in countries like India, which boasts a large, dynamic youth population. He observed that India, having already established itself as a global leader in the software industry, is now poised to achieve similar prominence in AI. Recognizing this opportunity, Paavai Institutions have proactively integrated AI-related subjects into their academic curriculum. Their autonomous faculty teams have meticulously designed interdisciplinary courses that blend AI with various branches such as CS, EEE, ECE, MECH, Civil, Agri, FT, BT, Pharmaceutical, Biotechnology, and other allied fields.



These academic advancements aim to produce industry-ready, highly employable AI professionals. As part of a long-term collaboration, Paavai Educational Institutions are now working with students from Purdue University on research-based projects. During his visit, Prof. Karthik Ramani conducted a series of intensive two-day training workshops for faculty and students. These sessions will continue through online platforms in the future, ensuring sustained knowledge exchange and development. With AI already deeply embedded in their curriculum, Paavai Educational Institutions are well-positioned to make significant contributions to global advancements. Several student projects presented during the event showcased great potential, with possibilities for future commercialization.

These innovations could impact key sectors such as agriculture, manufacturing, healthcare, sanitation, and transportation. To further support this vision, Paavai and Purdue University have outlined a five-year collaborative initiative. Prof. Ramani also reassured that AI should not be feared as a threat to human employment. Drawing parallels to the initial apprehensions during the advent of computerization, he clarified that AI, rather than eliminating jobs, enhances efficiency, frees up time for as a threat to human employment. Drawing parallels to the initial apprehensions during the advent of quality-focused work, and ultimately leads to better job opportunities and increased wages.

Paavai Institutions are setting a benchmark by embedding AI into all disciplines, ensuring that every student-regardless of their branch-has a bright and technologically empowered future. Their forward-thinking initiatives are expected to significantly contribute to India's GDP and global growth trajectory. The press meet was graced by the esteemed presence of CA. N. V. Natarajan, Founder and Chairman ; Mrs. Mangai Natarajan, Correspondent, Paavai Institutions Prof. R.R.Krishnamurthy, Director, Centre for Research; Dr. K.K. Ramasamy, Director Admin; Dr.M. Premkumar, Principal, PEC; Dr. Selvi, Dean Academics; Ms. Kamala Krishnamurthy, Centre Head, PIF along with various Heads of the department.

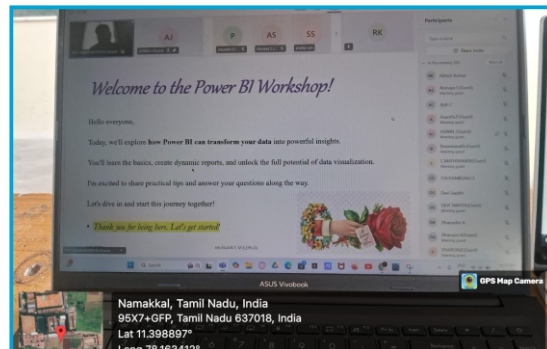


Academic Events

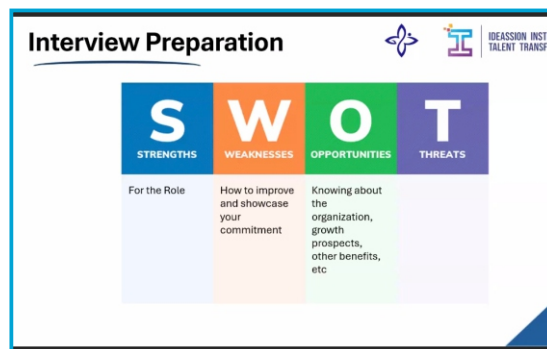
On the occasion of Science Day, the Department of Geology, PASCW organised a program on 01.03.25 on the topic 'Climate Change' followed by an exhibition in the Geology Lab. Students from Civil Engineering, Geology, and other science departments were invited to attend the program. Dr.N.Ezhili, Principal, PASCW, gave the presidential address, sharing her insights and experiences. The chief guest and jury for the program, Ms.Sharmiladevi, HoD-Civil,PEC addressed the gathering.



On 01.03.25, Department of AI&DS, PEC successfully organised an online workshop on 'Power BI'. The presidential address was delivered by Dr. M.Raja Prof & Head, AI&DS, PEC. He emphasised the significance of Power BI in today's data-driven world and its impact on decision-making. The technical session was led by Mr. T. Rajan, AP, CSE & Power BI Certified Professional from Presidency University, Bengaluru. His hands-on training session covered real-time data analysis.



The CII-IWN Campus to Career Programme took place at PEC on 03.03.25. The presidential address on Resume Building and Acting Interviews was delivered by Dr. M. Premkumar, Principal, PEC. He highlighted key aspects such as clarity, conciseness, and relevance in resume writing, advising students to showcase their skills, achievements, and experiences effectively. Arun, Vice President & CHRO, Ideation Technology Solutions and a renowned Mentor from Chennai, Tamil Nadu, delivered an insightful session on career development, and professional growth.



On 03.03.25, Department of Agri organised an alumni guest lecture on 'Drone Technology in Agricultural Engineering'. The resource person for the session was Ms. Sathya Santharam (B.E. Agri, 2016–2020), an alumna of the department and a DGCA-certified Drone Pilot Instructor at Flytutor Technologies Private Limited, Erode. She highlighted how drones are revolutionising farming by enabling efficient monitoring of crop health, irrigation management and soil condition assessments.



Department of BT, PEC successfully organized a guest lecture on 'Unraveling the Protein Architecture' on 03.03.25. The presidential address was delivered by Dr. M. Premkumar, Principal, PEC. The guest Dr.Sambhasan Banerjee, a Postdoctoral Scientist at the Centre of Structural Systems Biology, German Electron Synchrotron, Hamburg, Germany, led an engaging and informative session. He provided an in-depth overview of amyloids, explaining their composition, structure, properties, and applications.



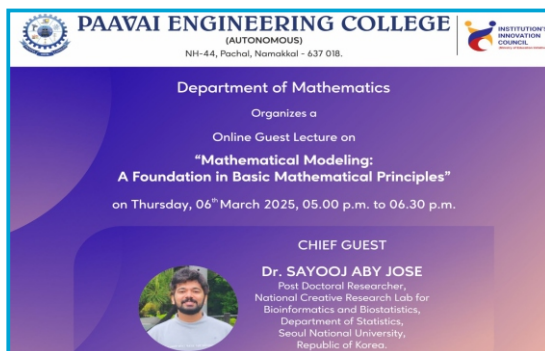
CII, Yi, Yi PIF, IIC and EDC, PEC, jointly organised a seminar on 'The Entrepreneurial Mindset – A Beginner's Guide' on 05.03.25. Dr. M. Premkumar, Principal, PEC in his presidential address, emphasized the importance of entrepreneurship. The seminar featured Mr. Saravanan, MD, Grand Royal Tours Pvt. Ltd., Mr. S. Gurushankar, Project Lead, Startup TN, Salem Hub, and Mr. R. Mohan, Project Associate, Startup TN, Salem Hub, as resource persons. The event cultivated an entrepreneurial mindset.



The CII-IWN Campus to Career Programme was held at PEC on 06.03.25. The presidential address on 'POSH Awareness' was delivered by Dr.K.K.Ramasamy, Director-Admin, Paavai Institutions. Mrs. Jayashree Senthil, Executive Director, Shree Renga Polyester Pvt. Ltd. and Managing Trustee of SRP Foundation, Karur, conducted an insightful session on the Prevention of Sexual Harassment Awareness Act for the employees of the organization. The session was attended by 230 students and faculty members.



Department of Mathematics, PEC hosted an online guest lecture by Dr. Sayooj Aby Jose, Post-Doctoral Research Fellow, Department of Statistics, Seoul University, Republic of Korea, on the topic 'Mathematical Modelling: A Foundation in Basic Mathematical Principles' on 06.03.25. Dr. Sayooj Aby Jose provided a comprehensive overview of mathematical modelling and explained how mathematical frameworks are developed and applied in disease diagnosis, epidemiology, and public health management.



Department of Cyber Security, in association with IIC, PEC organised a guest lecture on 'Cyber Security - staying safe in the Digital World' on 07.03.25. The resource person, Mr. Sankarraaj Subramaniam, Founder & CEO, Prompt Infotech, Coimbatore elaborated on the technologies, processes, and policies used to mitigate risks and ensure data integrity. Dr.K.K.Ramasamy, Director Admin, Paavai Institutions delivered the presidential address, emphasizing that the outcome of the learning process must be positive, enabling students to enhance their skills & gain knowledge.



Department of Chemical Engineering, PEC, in association with IIC, jointly organised a Guest Lecture on 'Emerging Trends and Cleaner Energy Concepts, Innovative Technologies for Sustainable Development' on 07.03.25 in commemoration of National Pollution Control Day. The Chief Guest, Dr. P. Srinivasan, ASP, Chemistry, KEC, Perundurai. began his lecture by discussing renewable and non-renewable energy resources, emphasizing their types and harvesting methods.



Department of Information Technology department, in association with the Computer Society of India (CSI), organised a one-day guest lecture on 'Microsoft Cloud & AI in the Modern Era: Shaping the Future of Application Development and Career Landscapes' on 08.03.25. Dr. K. K. Ramasamy, Director Admin, Paavai Institutions, presided over the function. The session was graced by two esteemed speakers: Mr. Ragunathan Nagarajan, Director of Software Engineering, Valorem Reply, Kerala and Mr. Udhayamurthy Nagamuthu, Founder of JWin Academy, Namakkal.



A one-day guest lecture on 'Innovations in Cold-formed Steel Concrete Composite Systems' was organised by the Department of Civil Engineering in association with PCEA & IIC, PEC, on 08.03.25. Dr. K. K. Ramasamy, Director-Admin, Paavai Institutions, delivered the presidential address. The guest speaker, Dr. R. Senthilkumar, Chartered Engineer (India) and AP-Civil, NIT, Trichy, shared valuable insights on the advantages of Cold-formed Steel Concrete Composite Systems compared to conventional RCC and Steel Structures.



Department of Cyber Security in association with the IIC-PEC, EDC and the IE organised a guest lecture in the title 'Building Scalable Web Apps with React' on 08.03.25. The session was led by Mr. Jayasurya Gnanavel, Founder & CEO of Cybernaut EDU-Tech LLP, Chennai. Dr. K. Selvi, Dean Academics, PEC, delivered the presidential address. The guest speaker elaborated on how AI is revolutionizing prototyping by automating design, simulating real-world scenarios, and optimizing performance.



Department of Cyber Security in association with IIC-PEC and EDC & IE, India organized a guest lecture on Building Scalable Web Apps With React on 08.03.25. Mr. Jayasurya Gnanavel Founder & CEO Cybernaut EDU-Tech LLP, Chennai, the resource person, emphasized that, AI-enhanced prototyping and security-first development are transforming the way products and software solutions are built. Dr. K. Selvi, Dean Academics, PEC gave the presidential address and emphasized that the outcome of learning process must be positive to enhance the skills.



Microbytes Innovation Club of MCT, PEC organised the Brain Teaser event on 10.03.25. Dr. D. R. P. Rajarathnam, Head of the Department, inaugurated the event, which saw enthusiastic participation from 61 students across various departments. The event concluded with Dr. P. Srinivasan, Head, AI & ML, distributing certificates to the winners and runners-up. The competition was a resounding success, fostering critical thinking, problem-solving, and intellectual engagement among students.



Department of MCT, in association with IEI, PEC, organised a guest lecture on 'Recent Trends in EVs and HEVs' on 11.03.25. The session aimed to enhance students' awareness of industry applications and technological advancements in the field of electric and hybrid electric vehicles (EVs & HEVs). The resource speaker, Mr. P. Karthikeyan, AP(Sr.G), EEE, KEC, Erode. He provided valuable insights in the evolving landscape of EVs and HEVs, explaining how industry applications drive innovation in business processes, culture, and customer experiences.

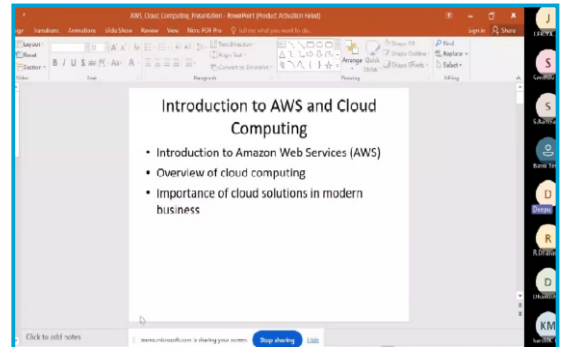


Department of CSE (IoT) organised a guest lecture titled 'Opportunities in Banking and Financial Services for IT Professionals' on 12.03.25. The presidential address delivered by Dr. M. Premkumar, Principal, PEC. Dr. S. Sathish Kumar, M.E., Ph.D., HR Manager at Whitestone Software Solutions Pvt. Ltd., Dharmapuri. During his lecture, he elaborated on various aspects of banking and financial services, including FinTech, AI, and digital banking professions. The guest lecture was attended by II and III-year CSE (IoT) students.

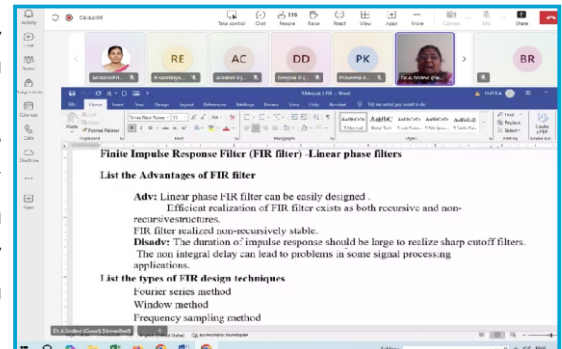
**Banking on Cloud (AWS, Azure, Google Cloud)
DevOps in BFSI (CI/CD Pipelines for Banking Apps)
IT Infrastructure & Network Security**



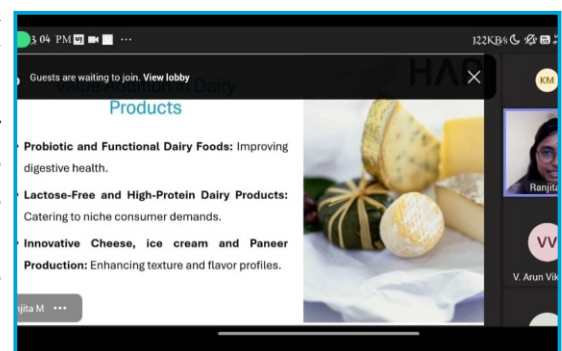
Department of Cyber Security & MCA organised a guest lecture on 'Exploring the World of Cloud with AWS' on 13.03.25. The resource person for the session was Natarajan Deepu. P.U., Senior DevOps Engineer, Autodesk, Bengaluru. Mr. Natarajan Deepu, provided valuable insights in cloud computing and Amazon Web Services (AWS). He began by explaining the concept of cloud computing, emphasizing its advantages, such as scalability, flexibility, and cost-effectiveness.



Department of ECE, in association with ISTE and IIC, organised a Guest Lecture on 'Innovative FIR Filter Design Techniques' on 13.03.25. The guest lecture was conducted by Dr. A. Sridevi, Professor, ECE, M. Kumarasamy College of Engineering, Karur. In her session, she began by introducing the fundamentals of FIR filters and then provided an in-depth exploration of advanced FIR filter design methodologies and their applications in modern signal processing and FIR filter design techniques.



A highly informative webinar on 'Dairy Processing & Quality Control: Innovation & Challenges' was successfully conducted on 14.03.25. Ms.M.Ranjita, Quality Control Engineer, Hatsun Agroproducts Ltd., the guest speaker began her lecture with a comprehensive overview of the latest advancements in dairy processing, emphasising the role of automation, AI, and sensor technologies in improving efficiency and product quality. She elaborated on the critical challenges faced by the dairy industry, including ensuring product safety and maintaining consistency.



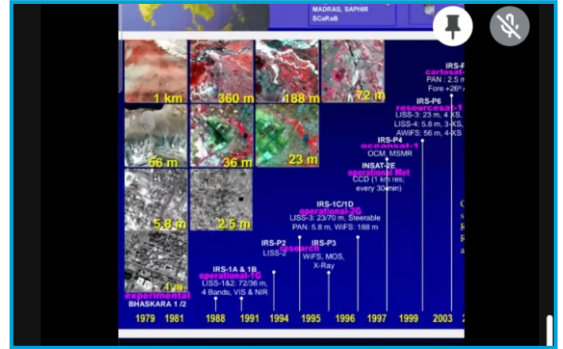
Department of EEE, PCE organised a guest Lecture on the topic 'Advancements in Power System Operation and Control' on 14.03.25. Dr.V.Hariharan, Principal, PCE delivered the presidential address, emphasising the current scenario of a reliable and balanced grid. The guest speaker, Er.P. Ashok, AE, Operation and Efficiency Division, Mettur Thermal Power Station-2, TANGEDCO, Mettur in his keynote address, provided insights in modern grid technology and renewable energy integration.



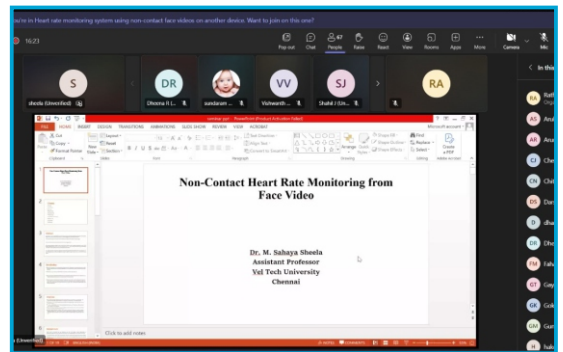
Department of AI&DS organised a guest lecture on 'AI for the Future: Integrating ML and DL for Smarter Decision-Making' on 15.03.25. Dr. V. Hariharan, PCE, delivered the presidential address. He spoke about the significance of AI and its vast applications across various industries. He encouraged students to explore AI-driven innovations that could shape the future. The chief guest was Dr.M.Senbagavalli, ASP, CSE&IT Alliance University, Bangalore. She delivered an in-depth explanation of Object Detection using CNN coding in Deep Learning.



A highly informative guest lecture on 'Geospatial Technology in Agriculture' was successfully conducted on 15.03.25. The resource person was Dr. Ramasubramoniam, Scientist, ISRO, Bengaluru. Dr.B. Kailashkumar, Head, Agri welcomed the guest. Dr. Ramasubramoniam began his presentation by explaining the vital role of geospatial technology-including satellite imagery, GIS, and remote sensing - in modern agriculture and natural resource management. He discussed how these tools are revolutionizing farming practices.



Department of CSE (AI&ML), PEC, organised a guest lecture on 'Heart Rate Monitoring System Using Non-Contact Face Videos' on 15.03.25. Dr. P. Srinivasan, Head, AI&ML, extended his heartfelt felicitations and highlighted the significance of such sessions in enriching students' knowledge. The guest speaker Dr.M.Sahaya Sheela, AP, Vel Tech, Chennai began the session by sharing her journey of becoming an Assistant Professor through continuous learning and adaptation in the evolving teaching fraternity. He emphasized the importance of essential skills for engineers.



A one-day hands-on training program titled 'Interior Design Simplified with Coohom Software' was organised by the Department of Civil Engineering, PEC on 15.03.25. Dr. M. Premkumar, Principal, PEC, delivered the presidential address, emphasizing the importance of civil engineering software and the global job opportunities. The guest speaker, Mr. Lokesh Bharathidasan, Founder, Boundless Design Academy & Master Trainer, Chennai provided insights about Coohom software, highlighting its advantages over conventional interior design software.



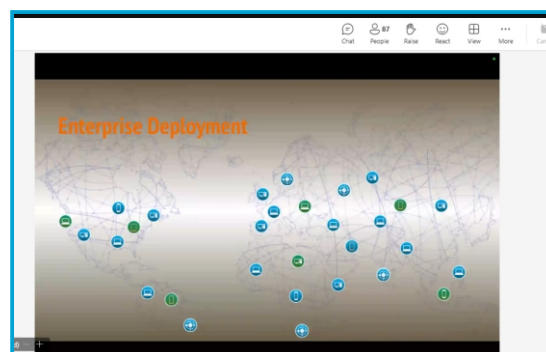
Department of BME, PCE organised a one-day hands-on training program titled 'Troubleshooting Workshop on Cardiac Care Equipment and Infusion Pumps', on 17.03.25. The session was led by Mr. Vinothkumar Kannan, Managing Director, KAV Biomedical Training and Education, Madurai, who delivered an insightful lecture on Cardiac Care Equipment and Infusion Pumps in Biomedical Engineering. The event was presided over by Dr. K.K. Ramasamy, M.E., Ph.D., Director-Admin, Paavai Institutions.



On 17.03.25, the Department of CSE (IoT) organised a guest lecture titled 'The Start-up Ecosystem: Entrepreneurship and the Future of Business'. Dr.M.Premkumar, Principal, PEC delivered the presidential address, emphasising key concepts such as start-ups & entrepreneurship. Ms. Tamlarasri Krishnasamy, Founder - Kalpakala Foundation, Salem covered the topics start-up models, how to initiate a start-up, and future business trends. She elaborated on crucial entrepreneurial concepts.



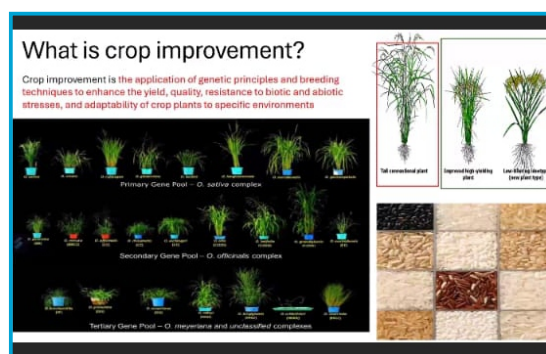
Department of CSE in association with IIC & CSI, and Software Development and Information Management Club, organized a guest Lecture on 'Role of Cloud Computing and AI in Software Engineering' on 18.03.25. The presidential address was given by Dr. M. Premkumar, Principal PEC, emphasized how cloud computing and AI are revolutionizing software engineering. The guest speaker, Dr. M. Suresh, Co-Founder & CEO of NIT Innov Technologies, Chennai elaborated the fundamental concepts of cloud computing and AI.



Department of MCT, in association with ISTE, PEC, organised a Guest Lecture on 'Smart Innovations & Future Trends' on 18.03.25. The resource speaker, Mr. Krithesh Ashokan, Founder & CEO, Tupac Automation Pvt. Ltd., Coimbatore provided valuable insights into the evolving landscape of smart innovations and their transformative impact across industries. He highlighted key advancements in AI, IoT, and automation, emphasizing their role in enhancing efficiency and sustainability.



A highly informative webinar on 'AI Technology for Crop Improvement in Agriculture' was successfully conducted on 18.03.25. The guest speaker Dr. P. Mathankumar, Project Manager at the Indian Institute of Rice Research, Hyderabad, began his lecture by emphasizing the transformative role of AI in modern agriculture, particularly in crop improvement. He explained how AI tools such as machine learning algorithms, image recognition, and predictive analytics are reshaping traditional agricultural practices.



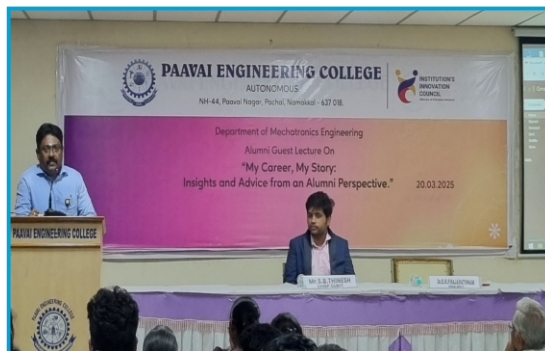
Department of Aero and AI & DS, in association with IIC, EDC successfully organised a one-day seminar on 'Intellectual Property Rights' at PEC on 19.03.25. Dr. M. Premkumar, Principal emphasized the importance of intellectual property in research and entrepreneurship. Dr. R. Rajkumar, Senior AP, E&I, and Head, IPR CELL at Kongu Engineering College, Perundurai delivered an insightful seminar on Intellectual Property Rights, discussing patents, copyrights, trademarks, and their role in protecting innovations.



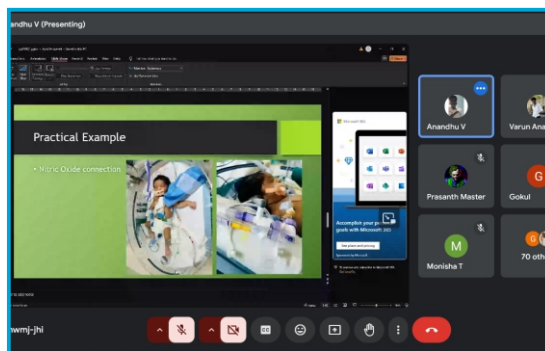
The Department of Commerce, PASCW organised a guest lecture on the topic 'Mastering Financial Literacy and Taxation: A Practical Approach' on 19.03.25. Dr. S. Gnanalakshmi, AP & Head, Commerce, Sona Arts and Science College, Salem delivered an insightful lecture on Financial Literacy and Taxation, providing a strong foundation for students' future careers. Her session empowered students with essential skills and knowledge in the areas of financial management and taxation,



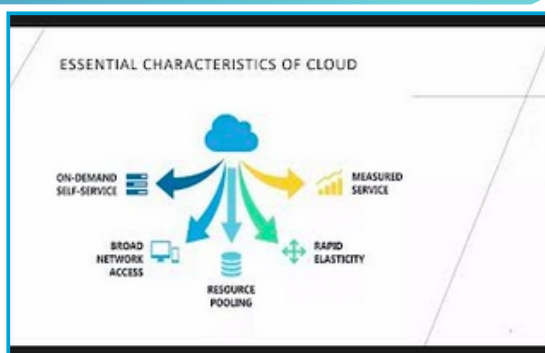
Department of MCTS, PEC organised an alumni guest lecture on 'My Career, My Story: Insights and Advice from an Alumni Perspective' on 20.03.25. The guest speaker, Mr. .B.Thinesh, Senior Trainer at FACE Prep, Coimbatore, then took the stage to share his career journey. During his talk, Mr. Thinesh highlighted key milestones, challenges, and lessons learned throughout his professional journey. He provided insights into industry trends, job market expectations & skill sets required for career success.



Department of BME conducted an alumni guest lecture titled 'Role of Biomedical Engineers in clinical Engineering' on 20.03.25. The speaker V.Anandhu, Biomedical Engineer, Apollo Hospital, Navi-Mumbai, explained the application of engineering principles to the medical field, highlighting that Clinical Engineering is a specialized branch focused on managing and applying medical technologies in healthcare settings. This lecture explored the critical role Biomedical Engineers play in clinical engineering.



ECE in association with IE, IIC, and New Technologies, Coimbatore, organised a guest lecture on 'Interplay between Cloud Computing and DevOps Practices' on 20.03.25. The resource person, Er. S. Tamilventhan, B.E., Manager and Senior Cloud Architect, KPMG Global Services Pvt. Ltd., Bangalore, began the session by introducing the fundamentals of Cloud Computing. The lecture was designed to provide students and faculty with a foundational understanding of Cloud Computing.



Department of EEE and the Energy Club, PEC organised a webinar on 'Data Analytics: Exploring Real-Time Energy Scenarios' on 21.03.25. The guest speaker, Dr. M.Mohamed Iqbal, Prof., EEE, PSG IT&AR, Coimbatore, delivered an insightful lecture on the significance of data analytics in real-time energy monitoring. He provided an overview of data analytics, emphasizing its importance in the energy sector. He discussed various methods for collecting, processing, and analyzing energy data.

Data Analytics on Exploring Real-time Energy Scenario

Dr. M. MOHAMED IQBAL, Professor / Department of EEE
PSG Institute of Technology and Applied Research
 Coimbatore, Tamil Nadu, India
 E-Mail: iqbal@psgitech.ac.in

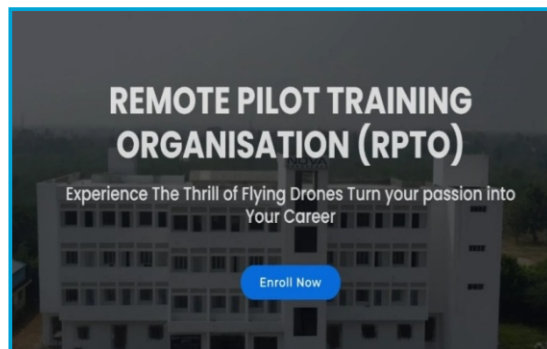
Organized by
Department of Electrical and Electronics Engineering
 in Association with
The Institution of Engineers IE(I)

PAAVAI ENGINEERING COLLEGE
Autonomous Institution | Approved by AICTE
 Affiliated To Anna University, Chennai | Accredited By NBA & NAAC(UGC) With 'A' Grade

The Department of English, PEC, organised a webinar on 'Soft Skills for Career Development' on 21.03.25. The session was designed to equip first-year engineering students with essential soft skills, empowering them for successful placements in multinational companies. The event commenced with a presidential address by Dr.M.Premkumar, Principal, PEC. The resource person, Mr. A. Sivabalu, Vice President – Business Development, Hanodale Solutions, Coimbatore, delivered an engaging and insightful session.



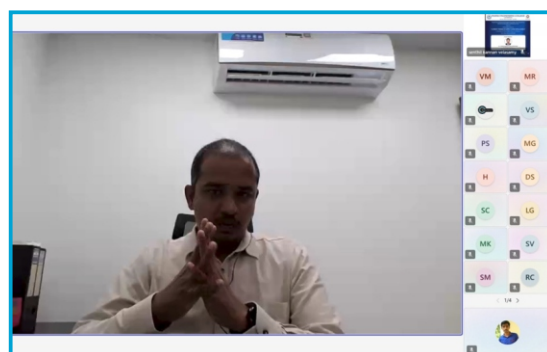
Department of Aero, PEC, organised an online guest lecture on 'Basic Drone Piloting Skills' on 21.03.25. The guest lecture was delivered by Dr. N. Sureshkumar, Managing Director of Nova Aerospace, Thirumayam, Pudukkottai, and an expert in the field of unmanned aerial vehicles (UAVs). He discussed the basic skills involved in drone piloting and elaborated on the real-world applications of drones, including aerial photography, surveillance, agriculture, and disaster management.



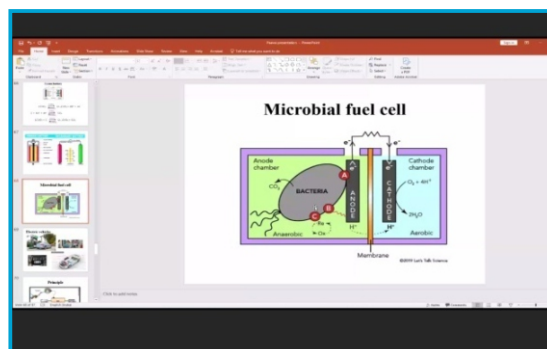
Department of CSE, PCE organised a One-Day Hands-on Training session on 'Responsible AI' on 22.03.25, at Brilliant Hall. The guest speaker, Dr. P. Karthikeyan, ASP & Head, Center for Applied and Responsible AI at the School of Computer Science and Engineering, R V University, Bengaluru. In his keynote address, Dr.Karthikeyan, provided insights about minimising bias and harm in AI through Responsible AI. He also demonstrated the complexity of AI bias in different models and how to mitigate it using various algorithms.



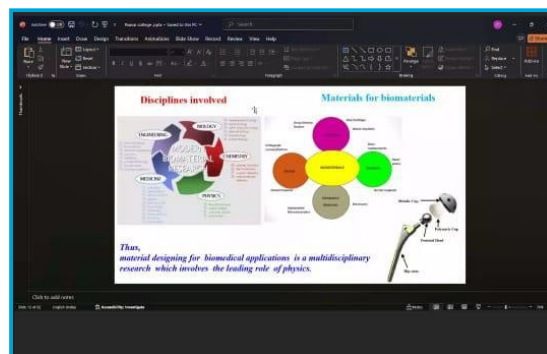
Department of Mech, S & F, R & A and the Resource Club of PEC organised an online guest lecture on 'Current Trends in Supply Chain Intelligence' on 22.03.25. The guest speaker, Mr. Manikandan Gopala Krishnan, Dy. Manager Sourcing, GEP Universal FZE –Jebel Ali-Dubai, expert supply chain management and analytics, provided valuable insights on how intelligence-driven approaches are transforming supply chain operations, enhancing efficiency, and fostering resilience in the complex global market.



Department of Chemistry organised a webinar on 'Fundamentals of Electrochemistry and Energy Storage Systems' on 24.03.25. The resource person for the session was Dr. A. Kumaravel, ASP, PSG Institute of Technology and Applied Research, Coimbatore. Students gained valuable knowledge on the various applications of energy storage devices, including the adoption of battery energy storage, UPS systems, backup power solutions, industrial applications and advancements in electric mobility.



Department of Physics, PEC organised a one-day student webinar on 'Recent Advances in Biomaterials' on 25.03.25. Dr. M. Premkumar, Principal, PEC, delivered the presidential address. Ms. S. Kanishka, a I-FT, introduced the chief guest, Dr. E.K. Girija, Prof., Physics, Periyar University, Salem. She highlighted the significance of biomaterials in our daily lives. The session provided students with valuable insights about biomaterials used in medical applications.



Social Sensitivity

A seven-day NSS Special Camp was organized by PCE at Navani Pallipatty Village from 04.03.25 to 10.03.25. The camp aimed to engage students in community service, foster social responsibility, and contribute to the development of the village through various activities. A total of 50 NSS volunteers actively participated, working towards the betterment of the local community. The camp concluded successfully with a formal ceremony. The Principal and the Vice Principal, PCE appreciated the efforts of the NSS volunteers.



On behalf of PASCW, a NSS special camp was held from 28.02.25 to 06.03.25 at Kozhinjipatti. CA. N. V.Natarajan, Chairman, Paavai Institutions, presided over the event. Dr. N. Ezhili, Principal, PASCW, and Dr. S. Sathish, NSS Coordinator, Periyar University, Salem, formally inaugurated the special camp. The Panchayat Development Officer of Kurukkapuram also graced the occasion. Mrs. T. Sugavaneswari, NSS Programme Officer, Department of Commerce, outlined the seven-day schedule for the camp.



On 08.03.25, Our Paavai TQI volunteers celebrated 'Women's Day' by distributing small cards with heartfelt quotes to the working staff and workers on campus, expressing gratitude for their immense contributions. The event was further marked by an oath to promote women's safety, upskilling, and empowerment. The celebration concluded with chocolates and well-wishes, recognizing the endless support and strength of women.



On 08.03.25, our Paavai TQI Namakkal Cluster team in Alanganatham conducted the final thematic class. The session focused on planning their own village, where students built and presented their creative village designs, followed by identity cards and a profession writing exercise. The event concluded with the distribution of certificates, marking the end of the class.



NSS, PEC and Sree Jayam Ortho and Multi Speciality Hospital, Mallur, Salem jointly organised the Blood Donation Camp on 15.03.25 on the college premises. Dr.S.Pandiyan, Medical Officer, Rainbow Blood Centre, Karur, Dr.M.Premkumar, Principal, PEC and C.Rathnakumar, NSS, PO, PEC were present and they encouraged the students to donate blood. The students of PEC eagerly participated in this camp and donated their blood. Totally 108 students donated their blood.



NSS, PEC in association with the Highways Department, Road Safety Wing, Salem, organised an awareness programme on 'Road Safety' on 18.03.25. The National Highways Department authorities Tmt.M.Kumutha, M.E., DE, Thiru.C.Subramanian, M.E., ADE, Tmt.PA.Nandhini, M.E, AE, Highways, Road Safety Wing, Salem, were the resource persons of the session. Mr.C.Rathnakumar, NSS, PO, PEC, who had organized this awareness programme.



To promote cleanliness and community responsibility, NSS volunteers from PCE actively participated in a cleanliness drive organised by the institution as part of the Swachh Bharat Mission on 21.03.25. The SBM, inspired by the government's vision, serves as a tribute to the ideologies of Mahatma Gandhi and the Azadi Ka Amrit Mahotsav. As a part of the initiative, NSS volunteers cleaned the PCE Globe and its surrounding garden area. Around 20 students enthusiastically participated in the three-hour drive, ensuring proper disposal of wet and dry waste.



The Sangamam 2025 event, held from 29.03.25 to 31.03.25 at Intellect, Chennai, brought together district clusters for three days of interactive sessions, workshops, and presentations. Six volunteers from PEC actively participated, engaging in creative activities, insightful discussions, and module development. A special highlight of Sangamam was its unique blend of emotional moments, such as a surprise parent visit, and enriching experiences that bridged academic life with corporate exposure.



Wall of Fame



S.MOHAMMED ASHIK

I - MBA, PEC

Second Bronze Medal

All India Inter University Best Physique

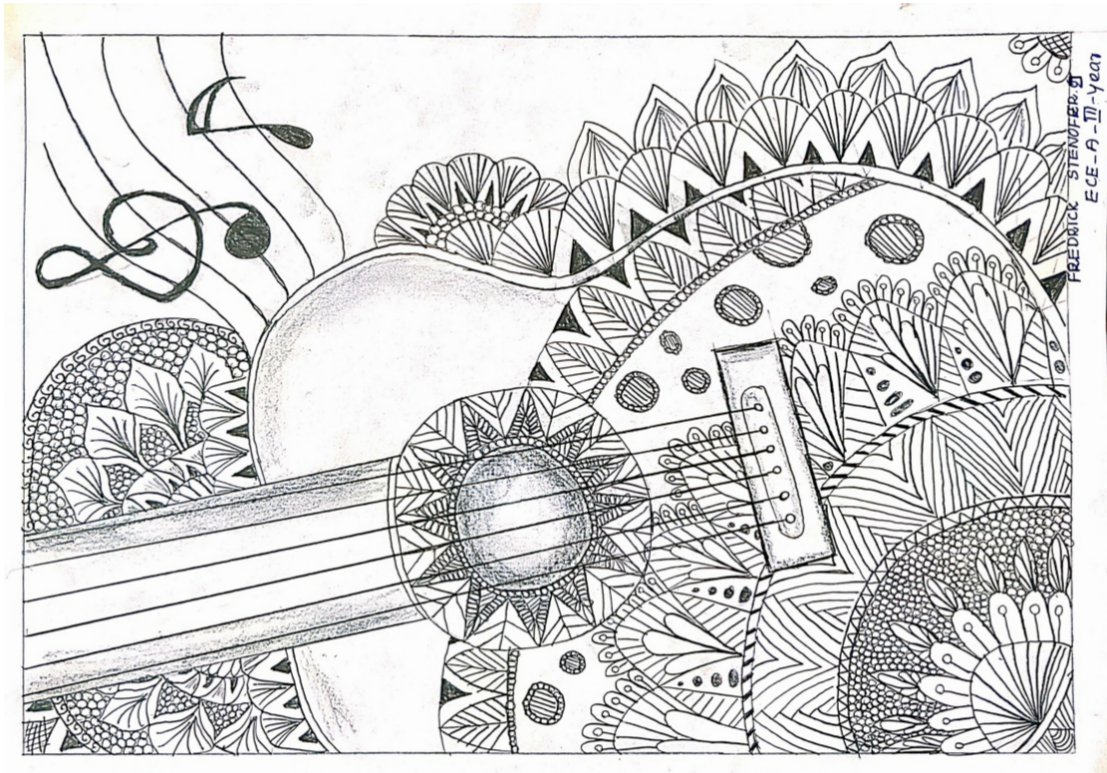
Men Tournament 2024-25

Sree Sankaracharya University of Sanskrit

Kerala, 07.03.25



Humanity



FREDRICK STENOFR

III - ECE, PEC

Faculty Journal Publications and Patents

Name of the Faculty with designation	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
C.Vanaja ASP-ECE, PEC	Gradiva Review Journal	Adaptive Multisensory Perception for Human Behavior Detection	ISSN NO: 0363-8057
S.Vijay Murugan, ASP-ECE, PEC	Journal of Cognitive Human Computer Interaction	Smart Accident Detection Using IoT Technology	ISSN NO:2771-1463
A.Samundeeswari ASP-ECE, PEC	Gradiva Review Journal	Design and Implementation of Landmine Detection Rover using Android	ISSN NO: 0363-8057
S.Sowdeshwari AP-Civil, PEC	IJRSET	Robot Structural Engineering using Artificial Intelligence Methods for Building Analysis	ISSN NO: 0363-8057
R K Poongodi AP- CYS, PEC	IJRPR	Navigating the Shadowed Internet: Proactive Cyber Security Intelligence and Threat Mitigation Strategies	IJRPR 125726-1
Dr. M. Masilamani Selvam Prof-Pharma, PEC	Frontiers in Pharmacology	The Molecular Determinants Regulating Redox Signaling in Diabetic Endothelial Cells	DOI 10.3389/fphar.2025.1563047
Dr.G.Madasamy Raja Prof-IT, PEC	IEEE Xplore / SCOPUS	Blockchain Integration for Robust Intellectual Property Protection in New Product Development (NPD)	https://ieeexplore.ieee.org/document/10941076
Dr.D.Banumathy Prof-CSE, PEC V.Maheskumar AP-CSE, PEC Dr.P.Thiyagarajan AP-CSE, PEC	Journal of Machine and Computing – Indexed in Scopus	Detecting Auto Bot Text Content Document Based on Subspace Relative Lexicon Depth Measure Using Bigram Inverse Frequency Key Term Analyzer	2788-7669

Book Publications

Name of the Faculty with designation	Title of the Book	Name of the Publications	Reference No.
Dr.R.Shatnhi Prof., English, PEC	A Critical review of Americanah by Chimamanda Ngozi Adichie: Identity, Race and Cultural Belonging (Chapter)	Reviews on English Novels and Writers	ISBN:978-93-48990-85-3
E.Elanchezhian AP-CSE, PEC	Problem Solving and Python Programming	Charulatha Publications	

Student's Achievements and Awards

Name of the Students	Name of the Programme	Venue and Date	Name of the Event	Position/Place
D.Ajay M.Deepakumar III-ECE, PEC	Coding Event	Selvam College of Technology & 20.03.2025	Coding Event	I
R.Bhuvaneshwari A.JayaHarshitha S.Bhavya III-ECE, PEC	TNWISE Women Hackathon 2025 - TANCAM	Kalaingar Karunanithi Institute of Technology & 08.03.25	Hackathon	Cash Prize Rs.10,000
S.D.Devaprasad III-ECE,PEC	Modeling Show (SARWIN Event)	07.03.25-08.03.25	Modeling Show	Golden Entrepreneur Award
P.Janarthan II-BT, PEC	National level Technical Symposium tenz++ Bionitz'25	Selvam College of Technology ,Namakkal 21.03.25	Short film	I
B.Sarathi T.Akalya S.Siva IV Civil, PEC	Cube Contest	Kalasalingam Academy of Research and Education, Krishnakoil, Tamilnadu 13.3.25 & 14.3.25	Cube Contest	I
G.Ashwinth Ajay S.IIakya I.Irfan Ali M.Ramana III-Pharma, PEC	International Conference on Advances in Biotechnology: Levaraging AI Tools for future innovations	P.S.R. Engineering College, Autonomous, Sivakasi, Virudhunagar, TamilNadu 13 & 14.03.25	Paper Presentation	I
N.Sivaranjini A.U.Lekhasree R.Kiruthika III-Pharma, PEC	International Conference on Advances in Biotechnology: Levaraging AI Tools for future innovations	P.S.R. Engineering College, Autonomous, Sivakasi, Virudhunagar, TamilNadu 13 & 14.03.25	Paper Presentation	II
G.Pooja T.Ranjini II-BT, PEC	National level Technical Symposium tenz++ Bionitz'25	Selvam College of Technology ,Namakkal 21-03-25	Technical quiz	II

Student Journal Publications and Patents

Name of the Student with Dept	Name of the Journal / Patent	Title of the Article / Patent	Reference No.
M.Balamanikandan S.Sri Saran J.Magimai Raj M.Santhosh Kumar IV-CYS,PEC	IJRPR	Navigating the Shadowed Internet: Proactive Cyber Security Intelligence and Threat Mitigation Strategies	IJRPR 125726-2

EVERY RESEARCHER READ THIS BOOK

Researchers today require the right resources to navigate the complexities of academia and innovation. Here are the top 10 books that provide essential guidance for researchers:

❖ **Book: Surely You're Joking, Mr. Feynman! - Richard Feynman**

This engaging memoir of Nobel Prize-winning physicist Richard Feynman showcases the power of curiosity in scientific research. Such an insight can be helpful to problem solvers, creators and those who think out of the box and can be considered as a valuable book for researchers who are aiming to cross the conventional barriers.

source: <https://www.goodreads.com/book/show/35167685-surely-you-re-joking-mr-feynman>



❖ **Book: Building a Successful Career in Scientific Research – Phil Dee**

This book also provides strategies for the PhD student and postdoc of the research world. It contains basic skills like networking, publishing, and career progression, which make it a good companion to an early career researcher.

❖ **Book: The Craft of Research – Wayne C. Booth, et al.**

As a must read for researchers this book teaches, how to conduct research, how to argue strongly, and how to effectively express findings. It is especially beneficial for people doing dissertations, journal papers or research proposals.

❖ **Book: A City on Mars: Can We Settle Space, Should We Settle Space, and Have We Really Thought This Through? – Kelly and Zach Weinersmith**

In a mixture of science, humor, and critical analysis, this book looks into the feasibility and problems of space colonization. Although it is not a straight research methods book, it encourages researchers to view the problems in an interdisciplinary perspective and with a critical thought.

source: <https://www.penguin.co.uk/books/318993/a-city-on-mars-by-weinersmith-dr-kelly-weinersmith-and-zach/9780141993300>

❖ **Book: Stylish Academic Writing – Helen Sword**

Not always dry, academic writing can be made clearer, more engaging, and more impactful with research conversion from the author of this book. It is beneficial for writing research papers, writing grant proposals and dissertations, doing scholarly communication better.

source: https://www.hup.harvard.edu/file/feeds/PDF/9780674064485_sample.pdf

❖ **Book: Research Design: Qualitative, Quantitative, and Mixed Methods Approaches – John W. Creswell**

This book gives a comprehensive guide to research methodologies, helping scholars choose the most appropriate approach for their studies. It is particularly useful for structuring research, designing experiments, and interpreting data.

source: https://www.ucg.ac.me/skladiste/blog_609332/objava_105202/fajlovi/Creswell.pdf

❖ **Book: Data Management for Researchers – Kristin Briney**

It is a vital book for efficient handling of data research, teaching researchers how to make use of data organization, storage, as well as data sharing. Reproducibility and long term success in academic and industrial research as well as proper data management is critical.

source: https://www.researchgate.net/publication/291558211_Book_Review_Data_Management_for_Researchers_Organize_Maintain_and_Share_Your_Data_for_Research_Success

❖ **Book: Survival of the Sickest – Sharon Moalem**

The impact of diseases on the course of evolution is explored in this book and the work of medical researchers is shown to be deeply entwined in genetics and history. Therefore, it motivates researchers to stand aside from their discipline and take a look at problems in their wider context.

source: <https://www.litcharts.com/lit/survival-of-the-sickest/summary>

❖ **Book: The New PhD: How to Build a Better Graduate Education**

It aims to identify and question current PhD system critically, and to provide guidance for a successful academic or alternative career life. It is particularly helpful for graduate students who are looking for a clearer idea of career options after tenure track positions in academia.

❖ **Book: Getting Things Done – David Allen**

When it comes to research, time management is everything and this book is based on offering a structured approach to productivity. It allows the researchers to do as they please and manage projects, sorting the tasks as the need, reducing the stress of the research and making the work more organized and efficient.

source: https://inspiredbyislam.wordpress.com/wp-content/uploads/2022/08/getting-things-done-the-art-of-stress-free-productivity-david-allen-z-lib.org_.pdf

Underrated yet important books:

Deep Work: Rules for Focused Success in a Distracted World by Cal Newport: This book emphasizes the importance of focused work in achieving significant results.

How to Write a Lot: A Practical Guide to Productive Academic Writing by Paul J. Silvia: This book gives practical advice on becoming a productive academic writer.

source: <https://epigrammetry.hypotheses.org/4041>

The Unwritten Rules of PhD Research by Marian Petre & Gordon Rugg: This guide explains the essential but often unspoken aspects of doctoral research.

source: <http://postgrado.bio.uc.cl/wp-content/uploads/2014/11/Unwritten-Rules-of-PhD-Research.pdf>

Source of the article: <https://researchbrains.com/top-10-books-every-researcher-should-read/>

Alumni Testimonial

PAAVAI COLLEGE OF ENGINEERING

S.VIDHYA

B.E - EEE, 2017 - 2021

Application Developer

Inautix Technology India Pvt Ltd, Chennai



I was a student of Electrical and Electronics Engineering Department. As a student, it was a wonderful learning experience because we did not only receive knowledge but also encouragement and feedback to work on our strengths. This constant encouragement from my teachers changed my life. I learned a lot from them. They taught me values and how to face life with determination. It was an honour for me to be a student of Paavai College of Engineering. It has helped me to lay a strong foundation for my career and my professional life. I am immensely thankful to all the pillars of strength for bringing out the best in me.



K.S.OVIYA
B.E - ECE, 2017 - 2021
Krishna Poultry Farm
Namakkal

I am proud to be an alumina of PEC, where I completed my B.E. in Electronics and Communication Engineering as part of the 2021 batch. My time at Paavai has been an inspiring and transformative journey, marked by a strong foundation of academic excellence, significant personal growth, and comprehensive professional preparation. At Paavai, I had the opportunity to grow in an environment that emphasized both technical expertise and personal development. The ECE department, in particular, played a crucial role in building my technical foundation, giving me the skills and confidence to tackle real-world challenges. With expert guidance and unwavering support, I was able to excel academically and secure promising placement opportunities. I am currently serving as the Managing Director at Krishna Poultry Farm, where I have had the opportunity to contribute meaningfully and grow professionally in a dynamic and challenging environment. I am truly thankful to my alma mater for helping me turn my aspirations into reality.

PAAVAI POLYTECHNIC COLLEGE



S.THINESH RAJA
DME - , 2010 - 2013
Manager of Car manufacturing
Hyundai Motors India Ltd, Kancheepuram

As I stand here today, I reflect on the remarkable journey that has led me to my current position. Our Paavai college represented more than merely a venue for obtaining a degree. It provided a transformative experience that molded me into who I am today. Our college imparted essential lessons that transcended academics. It instilled in me resilience, adaptability, and the significance of community. I extend my heartfelt gratitude to all my teachers and Paavai institutions. I did my Diploma in Mechanical Engineer and I am presently employed as an Manager of car Manufacturing department in Hyundai Motors India Ltd at Kancheepuram.

PAVAI ARTS AND SCIENCE COLLEGE FOR WOMEN



A.AKALYA
B.Com - 2020 - 2023
Assosiate at Gapgemini Technology Services India Limits
Pune

I'm A. Agalya, a proud alumna of PASCW, where I completed my undergraduate degree. The college provided me with a solid foundation, nurturing my academic and personal growth. The dedicated faculty, supportive environment, and resources helped me develop into a confident and skilled individual. During my time at Paavai, I had the opportunity to lead my class students and organise some events, which helped me develop my leadership and teamwork skills. These experiences not only shaped my interests but also prepared me for my current pursuits. I am now working as Associate at Gapgemini Technology Services India Limits, Pune, where I have established a good reputation and continue to excel. I attribute my success to the strong foundation built during my time at Paavai. I am grateful for the values and knowledge instilled in me by PASCW, and I will always cherish the memories and lessons learned.

ENGLISH GROVE

IDIOMS

According to the Oxford Learner's Dictionary, an idiom is defined as 'a group of words whose meaning is different from the meanings of the individual words'.

It's not rocket science - not that difficult to comprehend

e.g. Look, all you need to do is reformat the hard drive on your computer. It isn't rocket science.

Walk on eggshells - to be very careful not to offend or upset someone

e.g. Talking to my mom about my grades made me feel like I was walking on eggshells.

Pretty penny - to be very expensive

e.g. The dress she wants for her birthday will cost a pretty penny.

A cloud on the horizon - something that threatens to cause problems or unhappiness in the future

e.g. The only cloud on the horizon is the physics exam in June.

Like riding a bicycle - a skill that you learn and will never forget

e.g. Learning a language is like riding a bicycle; you will never forget it.

comparing apples to oranges - to compare two things that are completely different and cannot be compared

e.g. Comparing a doctor's profession to a teacher's profession is like comparing apples to oranges.

grass is (always) greener (on the other side) - never being satisfied with what one gets

e.g. For him, grass is always greener on the other side.

Go the extra mile - to make an extra effort

e.g. Our teachers always go the extra mile to help students understand difficult topics.

Bite the bullet - to do something difficult or unpleasant that you have been avoiding

e.g. She don't actually enjoy cleaning, but She bit the bullet and did it so that everything in her house isn't covered in a thick layer of dust.

Cry over spilled milk - to be upset about something that has already happened and can't be changed

e.g. Ram is pretty disappointed to have lost the championship game, but there's no use crying over spilled milk.

Every trick in the book - try every possible way

e.g. The sales manager tried every trick in the book to sell the flat to my uncle, but they failed.

Set the record straight - to reveal the truth / to clarify

e.g. In order to set the record straight, the umpires checked the camera to review the previous shot.

Making a fresh start - starting something in a new and different way

e.g. After decades of neglect, government schools are finally making a fresh start with much-needed improvements to facilities and teaching methods.

Caught a Tartar - dealing with a troublesome person

e.g. The Gouravs thought of putting Krishnain trouble then, they realised that they have caught a tartar after understanding his divinely wits.



With best compliments from :

Paavai Engineering College (Autonomous)

Paavai College of Nursing and Research

Paavai College of Engineering

Paavai Institute of Allied Health Science

Pavai College of Technology

Paavai Physiotherapy Science College

Paavai Polytechnic College

Paavai Vidhyashram CBSE School

Pavai Arts & Science College for Women

Paavai Matriculation Higher Sec. School

Paavai College of Education

Paavai Vidhyashram School - Salem Campus

Paavai Teacher Training Institute

Paavai IAS Academy

Paavai College of Pharmacy and Research

Paavai Nrithyalaya



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