



PAAVAI

EDUCATIONAL INSTITUTIONS

Think Education... Think Paavai.

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

PAAVAI VOICE

FEBRUARY - 2024

A MONTHLY BULLETIN

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Chairman's message

It brings me immense pleasure to address you in this Chairman's message for the month of February 2024. As we embark on another month of academic excellence and cultural vibrancy, I am filled with pride and enthusiasm for the numerous achievements and events that lie ahead.

First and foremost, I extend my heartfelt congratulations to all the recipients of the prestigious Aaandror Muttram Awards. These awards are a testament to the unwavering dedication and hard work exhibited by the eminent personalities in the field of Art.

In addition to these events, Paavai Youth Festival, a platform for our students to showcase their talents and creativity. This festival not only fostered a spirit of camaraderie and collaboration but also provided an avenue for our students to express themselves and explore their passions.

Furthermore, I am happy about Shristi, Pavai Arts and Science College Festival, which promises to be a celebration of art, culture and innovation. This festival served as a testament to the rich tapestry of talent present within our institution and reaffirmed our commitment to nurturing creativity and artistic expression. In the heart of the bustling square, melodies mingled with the aroma of street food, inviting all to partake in the celebration of diversity. As the sun set, the festival increased into a symphony of joy and harmony, leaving indelible memories.

As we embrace these events and celebrations, let us not forget the importance of fostering a culture of innovation and research within our institution. In today's rapidly evolving world, technological advancements and research breakthroughs are crucial for staying ahead of the curve. I urge all the members of our institution to actively participate in and support initiatives that promote technological innovation and research excellence.

Education is not merely about acquiring knowledge; it is about embracing a journey of self-discovery and personal growth. Remember, every challenge you encounter is an opportunity to learn and grow stronger. Cultivate a thirst for knowledge, not just for academic excellence, but also for wisdom and understanding. Embrace diversity, for it enriches our perspectives and broadens our horizons. Be resilient in the face of adversity, for it is through overcoming obstacles that we truly excel. And above all, never forget the values of integrity, compassion, and empathy, for they are the guiding lights that illuminate the path to success and fulfillment.

Together, let us inspire greatness and make a positive impact on the world.

Wishing you all the very best in your endeavors.

Warm regards,

PAAVAI YOUTH FESTIVAL

The 23rd Paavai youth festival on national integration was celebrated at Paavai educational institutions on 07.02.24. More than 1320 students from 44 Government high schools, higher secondary schools and Govt-Aided schools and 24 Private (Matriculation and CBSC) schools, of Namakkal and Salem had participated in the celebration. Nine competitions such as oratorical, Essay Writing, Poetry, Quiz, Drawing, Rangoli, Dance, Singing and Science projects were conducted for both Government and Private schools separately. The Director-Administration, Shri.K.K.Ramasamy welcomed the gathering.

The Chairman, Paavai institutions Shri.CA.N.V. Natarajan presided over the function and delivered the presidential address. In his speech he mentioned that, every Indian should feel proud to be an Indian and exhibit our patriotism for the country and have a belief on God. He pointed out the need of Match sticks for beneficial activities and also mentioned the negative impacts. He appreciated the imaginative and thinking capacity of the student participants. He expressed his wish that each and every student present there should become great in their role as a citizen.

The Correspondent Madam Smt. Mangai Natarajan felicitated the students and said that this festival is celebrated to bring out the skills of school children and to practice integration by interacting with each other in this campus. Every girl student must have the courage to speak everywhere without any hesitation or fear. She insisted that each one should take care of our parents.

The Vice-Chairman Shri.T.R. Manisekaran, Secretary Shri.T.R. Palanivel, The Director –Admissions, The Director-Administration, Dean Counseling, Dean Academics, Principals, HODs and Staff members took part in the function.

The dignitaries distributed prizes and certificates to the winners who secured first, second and third place in each competition. Students and participating school teachers gave the feedback about the programme with enthusiasm and lauded the management for all the arrangements done by them. The hospitality was very much appreciated by them. The vote of thanks was proposed by Dr P.S.Venkatesan, Principal of Paavai College of Education.



பாவை விருதுகள்'23 - ஆன்றோர் முற்றம்

The Tamil Forum of Paavai Educational Institutions organised “பாவை விருதுகள்'23 - ஆன்றோர் முற்றம்” in a grandiose manner on 10.02.24 in Anandha Arangam to honour the literary luminaries who sculpt the world with their profound words, inspiring, challenging, and enriching our understanding of the human experience. The programme commenced with a prayer song followed by Tamilthaivazhthu. Shri.CA.N.V.Natarajan, Chairman, Paavai Educational Institutions, gave the presidential address. Thiru G.Balachandran, the esteemed retired Additional Chief Secretary of West Bengal and distinguished political analyst hailing from Tamil Nadu, graced the occasion as a notable special guest. He addressed that, awards are presented to the achievers who have created the young society by virtue of others and those who have integrated the life aspects of the Tamil world and introduced them to the society in the form of language, literature, story, culture, science, society, child welfare, story section, translation and history. He added that an individual can create positive changes among the youth because of the creative use of the ingenuity and skills at the right age and achieve many achievements just like the Chairman, Paavai Educational Institutions. He also elucidated, the writings of writers have the power to change the life of a society, just like the life experiences of the pioneers are the motivation for the youth to move to the next level.

Thiru.R.Balakrishnan Special Chief advisor, Odisha government was bestowed with the prestigious ‘Lifetime Achievement Award’ along with 13 more luminaries cum writers who have contributed to different fields including Tamil literature, short story, novel, poetry, translation and historical studies and film direction. He addressed the year 2024 is the centenary year of Indus Valley Culture. He also cited that ‘Our culture is the best culture’ in all areas of women education and feminism. He also stressed that education is not just a means to acquire knowledge but a vital foundation upon which everything else on life depends. He suggested that education provides the tools, skills, and understanding the need for personal enhancement and societal progress.



Among those honored were Thiru T.Stalin Gunasekaran, President of the Erode People's Thought Council, Acclaimed film director Nilesh Krishna, the illustrious Tamil writer and storyteller Thiru. Bava Chelladurai, novelists Thiru Imayam and Subrabharathi Maniyan, Tamil poets Illamparai and Issai, as well as short story writers Thiru.Venugopal and Thiru.GopalaKrishnan. Children's literature luminaries Thiru.M.Murugesh and Thiru.K.Udhayashankar, along with translator-cum-researchers Thiru.Kurunji Velan and Thiru Stalin Rajagam, were also recognized for their remarkable linguistic craftsmanship. All these recipients graciously shared their profound insights and reflections on their journey. Paavai Institutions always cherishes and celebrates the invaluable contributions of writers across all disciplines, for they are the architects of our collective wisdom and the guardians of our shared humanity. The programme ended with the vote of thanks by Smt.Mangai Natarajan, Correspondent Paavai Educational Institutions. Paavai Educational Institutions Administrators, Directors, Deans, Principals, Heads of departments, Professors, Journalists and students attended the function.



Wall of Fame



Dr. L.Vasanth
AP-BME, PCE
Research Excellent Award 2024
MSME(UDYAM)
28.02.24



Dr. M.Deepa
AP-CSE, PCE
Research Excellent Award - 24
Research Culture Society's 23



G.S.Rahul Rogith
II - Civil, PEC
Power Lifting (Gold Medal)
Anna University Zonal Match
04.02.24

My Life My Design

Paavai Educational Institutions organized an Opera programme titled 'My Life/My Design' on 10.02.24 in Anandha Arangam from 2.30 p.m. to 5.00 p.m. to motivate youngsters to design goals and create their own path as 'NewGen'. The programme commenced with a prayer song followed by welcome address by M.J.Safa Faren, final year Biomedical Engineering. GR.P.G.Rajan, Founder of 1234 Foundation was the resource speaker. Shri.CA.N.V.Natarajan, Chairman, Paavai Educational Institutions honoured the guest with a memento. Ms.Shanmathi, final year ECE introduced the guest speaker.

GR.P.G.Rajan in his address, elucidated the importance of 1234, 1-Purpose, 2-Believe, Be grateful, 3-Ambition, Attitude, Action, 4 – Passion, Patience, Persistence, Performance. He also added that youngsters must take care of their adolescence and emerging adulthood stages. He emphasized about the six spheres of life – Intellectual, Family, Health, Finance, Society and Spiritual. He stressed on various personal development and self-improvement teachings that encompasses different aspects of human existence and well-being. He further added that balancing, and nurturing each sphere is essential for achieving overall happiness, satisfaction, and personal growth.

The programme ended with the vote of thanks by D.Roshan Kumar, final year Biomedical Engineering. Deans, Principals, Heads of departments, Faculty members and more than 2000 students attended the function.



SRISTI – 2024

SRISTI 2024 a two day extravaganza was celebrated on 15.02.24 and 16.02.24 at Pavai Arts and Science College for Women, Anaipalayam. The fest was inaugurated by Shri CA.N.V.Natarajan, the Chairman and Smt.Mangai Natarajan, Correspondent of Paavai Institutions. The college was fully decorated to organise 34 events as a result of which students got motivated to expose their concealed talents. It was well organised by the students and cultural co-ordinators under the guidance of Mr.Mohan, Overall Programme Co-ordinator, Paavai Institutions. The students experienced two days of excellent display of talent, competitive spirit and excitement during the cultural festival Sristi 2024.



Women Empowerment Series XXIII

On 23.02.24 a motivational speech on வனிதையே.. வாகைகுடு was conducted in Anantha Arangam at 2.00 p.m. The programme commenced with the prayer song and Tamilthai Vazhthu by students followed by lighting the Kuthuvilakku by the dignitaries. C.A.Preethika of III B.Com. C.A. welcomed the gathering.

Shri.CA.N.V.Natarajan, the Chairman of Paavai Institutions honored the Guest Speaker with shawl and memento and presided over the function. In his presidential address he wished all the students to excel in their career by choosing right path and traveling with confidence.

Ms. A.Vedhavarshini of III B.A. English introduced the Guest Speaker Mrs.K.Naganandhini, Director of Vethathiri Speech Cognitive Development Centre, Pattimandram/Motivational Speaker. The Guest Speaker in her keynote address stated that the students of Paavai, with self-confidence should reach greater heights, achieve and bring pride to their college. She said that society is a matriarchal society in which women are the source of life. She added that a woman is mentally tireless and powerful who faces problems with courage, authority and personality. She then said that women have the natural ability to protect themselves and others in the face of adversity. She probed the students to grab the opportunities without wasting time, create their own unique identity with fighting spirit and in-built skills to succeed and make the society recognize them and set a precedent for the next generation. She stimulated the students to face criticism and obstacles that come their way, strive hard to achieve to expose their individuality and talent. She then declared that society listen only the words of succeeded people and advised girl students not to listen to false praises and deceitful words. She concluded her speech by wishing the students all the best to progress as winners.

Later, trophies and certificates were distributed to the winners and the participants of SRISTI 2024 based on their scores. Smt.Mangai Natarajan, the Correspondent of Paavai Institutions felicitated the gathering. The programme came to an end with the vote of thanks delivered by K.S.Janani of III B.Com followed by the National Anthem. Deans, Principals, Heads of various departments and the staff members of Paavai Institutions graced the occasion by their presence.



ACADEMIC EVENTS

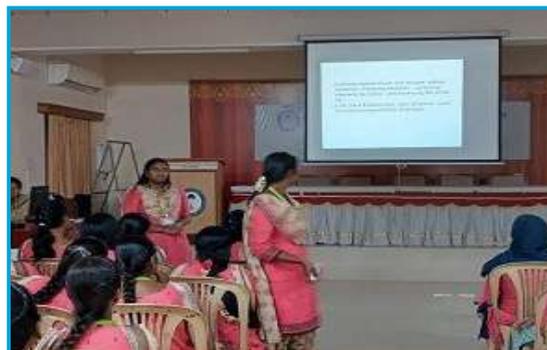
The Department of Chemistry, PASCW had organized an online Guest Lecture on 'Nanotechnology for Engineers' on 02.02.24 through the Microsoft Teams platform. The resource person was Dr.C.Manivannan, Assistant Professor, SRM Institute of Technology and Science, Trichy. Awareness on the sources of nanomaterials, types, properties, recent advancement and formulation of materials along with their applications from day today life to life saving applications were discussed.



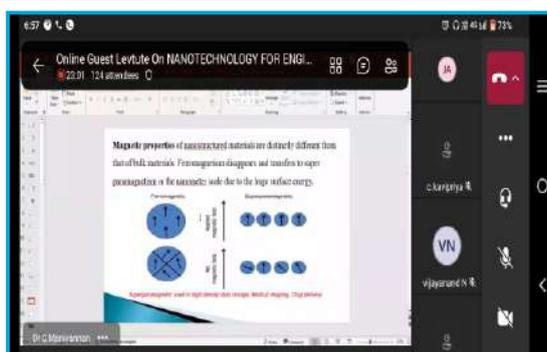
The English Literary Association, PASCW conducted three activities 'Game of Idioms and Phrases', 'Connect Characters' and 'Riddles from Literature' on 02.02.24. Students actively participated by connecting pictures shown on screen and found the name of the characters. In 'Riddles from Literature', the riddles were taken from various works of literature such as Sophocle's *Oedipus Rex*, The Bible, James Joyce's *Ulysses*, Jane Austen's *Emma*, William Shakespeare's *The Merchant of Venice* and so on.



On 02.02.24, Department of Computer Science, PASCW organised an association activity on the topic 'Paper Presentation'. Dr. J. Thavamani, Principal presided over the function and Mrs. K. Vimala, HoD encouraged the students for active participation. Totally 13 teams of the students participated and presented on various topics related to current technology. Winners were finalized based on their performance of the presentation.



The Department of Chemistry, PASCW conducted an Association Activity on 02.02.24 on the topic 'Chem Fusion'. The students of various departments participated in this activity. Suvitha of III B.Sc. Chemistry explained about the flavours receptor in mouth that responds by producing signals interpreted by brain as sensation of taste on the topic 'Food Flavours' through a Power Point Presentation. A memory game was conducted to test the memory of the students based on the activity.



The Department of Geology, PASCW organized a 'Geology Manifest 2k24' to explore our Earth on 03.02.24 at Geology Laboratory. Dr. J. Thavamani, Principal, PASCW inaugurated the Manifest and students infused the theme through various activities like Geo Time Scale, Soil Profiles, Varieties of Rocks, Minerals Megascopic and Microscopic thin sections and Fossils and Micro Fossil used in various field like Fertilizer, Medical, Cement industry etc.,



A Guest Lecture was conducted by the department of BME, Medi. Elect., Bio-Tech, Food & Pharma, PEC, on 03.02.24. The guests were Mr. Balaji Ramachandran, Chief Executive Officer of Noob Tron pvt and Mr. Varadharajan Saranathan, Sr. Manager and Scientific Co-ordinator of Noob Tron Private Limited, Chennai. They lectured on the topic 'Ethics of Research Practices and Biopharma Bench Marking Forum Report'. He emphasized the need for responsible and transparent practices in drug development.



The Department of EEE & Energy Club, PEC, has organized 'student activities' on 06.02.24, at T311. Paper Presentations, Mindmaze, Tech Talks, Connections, Anglophones, and Group Discussions were conducted for the EEE students. Seven student batches took part in the paper presentation events on the topic of 'Basic Electricals, Stabilizers, Load Cells, etc'. Group discussions were held to evaluate students on the same.



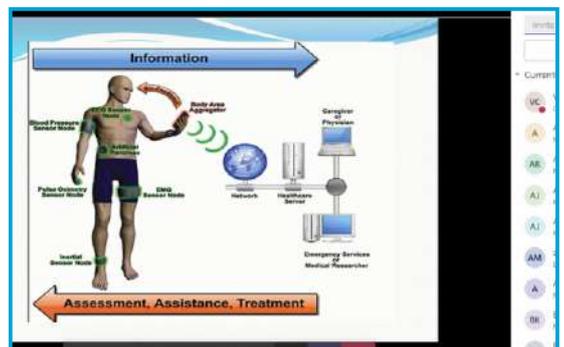
Microbytes Innovation Club, Department of Mechatronics Engineering, PEC conducted a club activity – Turncoat on 07.02.24. Dr.D.R.P.Rajaratnam, HoD, MCTS, PEC, initiated the event. Students were asked to speak the positives and the negatives on general and technical topics.



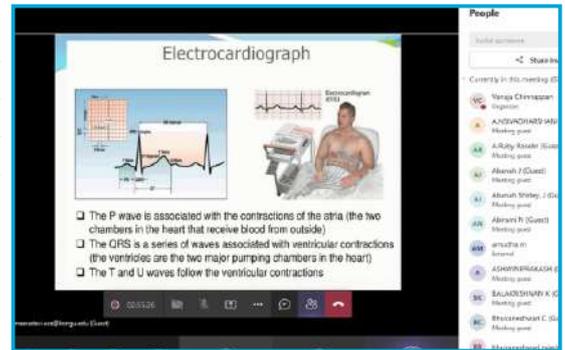
The IIC, in association with Department of BME, PEC organized a workshop on 'Design Thinking, Critical Thinking and Innovation Design' on 12.02.24 with Dr. B. Mythili Gnanamangai, Head, ACIC – KSRCTIF, (Atal Community Innovation Centre-KSRCT Incubation Foundation), K.S.R Technology, Tiruchengode, as the resource person. The Presidential address was given by Dr. M. Premkumar, Principal, PEC. The guest speaker shared his knowledge on design thinking and innovation among the students.



A Six-day online FDP on 'Recent Advances In Smart Materials And Sensor Technology' was organised by ECE, PEC, on 12.02.24-17.02.24, in association with IETE-WEEC & IETE, Erode Center in the presence of Dr.JyothiSinghai, Chairman-IETE WEEC, MANIT, Bhopal and Dr.T.Meeradevi, chairman, IETE, Erode center. The guest was Dr. K M Palanisamy, Prof./ECE, Dr.T.Thimmaiah Institute of Technology, KGF, Karnataka, on Day 1.



The guest speakers were Dr.S.Jayanthi. AP, Physics, SCAS, Salem on Day 2, Mr.Sekarana C, Technical Consultant, HMT (Rtd AGM), Bengaluru, on Day 3, Dr. A.Karthikeyan, Asso.Prof./ECE, SNS College of technology, Cbe, on Day 4, Dr.T.Meeradevi, Prof./ECE, KEC, Erode, on Day 5 and Mr.Boopathi Sakthivel, Founder and CEO of Prashan Medical Technologies, Cbe, on Day 6.



The Department of Agriculture Engineering, PEC has conducted a "World Millets Day" on 13.02.24. Students were given awareness of the same through a guest lecture by the chief guest K. Ashok Kumar and S.Gunasekaran. At the end of the event, the chief guest distributed certificates to Paavai Organic Farming students for their active participation in 'Cook Fest'.



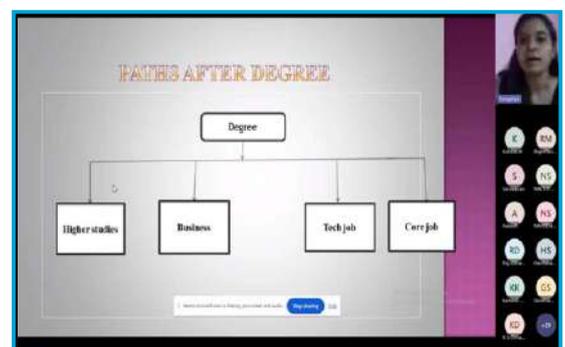
PEC along with CII-IWN (TN) conducted a webinar on 'Entrepreneurship' on 13.02.24. Mr. M.P. Ezhilarasan, Manager, Leadership Hiring, Career Tree HR Solutions Pvt Ltd., educated the students on being a successful entrepreneur. He encouraged the students with the concept of understanding Money, Man & Material Management and enlightened them the importance of being a confident entrepreneur by implementing mindful map work strategies.



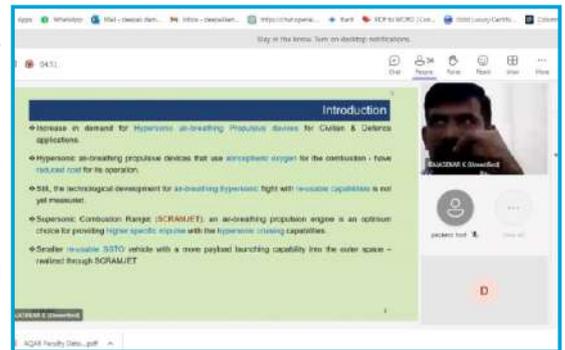
The Department of EEE & Energy Club, PEC has scheduled 'Student Activities' for 13.02.24, at T213 and T112. The topics dealt were, Knowledge is Power; Value Education; Generation Gaps; Leadership Skills; Climate Change; Lowering Water Levels; Waste Management; Natural Disasters and their effects on economic growth; air, water, and soil pollution and mental health. The role of social media in communication and social interactions; Gaming technology, Yoga, Equality and Elections to enhance their extracurricular and co-curricular activities.



The Department of EEE, in association with the Energy Club of PEC, organized a one-day webinar on 'A Simple Route Map for a Job' on 17.02.24. Dr. M. Premkumar, Principal, PEC, presided over the function and insisted on the importance of the webinar to the students. The resource person was Ms. G. Janapriya, a junior Java developer at Accenture Coimbatore. She started her talk by discussing career options for those with a degree, including core jobs, business, tech jobs, and further education.



A Guest Lecture on the topic 'Inlet Design for Scramjet Engines' was organized through online by the Department of Aeronautical Engineering, PEC, on 21.02.24. Dr.K.Rajasekar, Professor, Aerospace Engineering, Jain University, Bangalore was the guest speaker. The objective of the event was to familiarize the students with the advances in the Scramjet inlet design industry and corresponding career opportunities



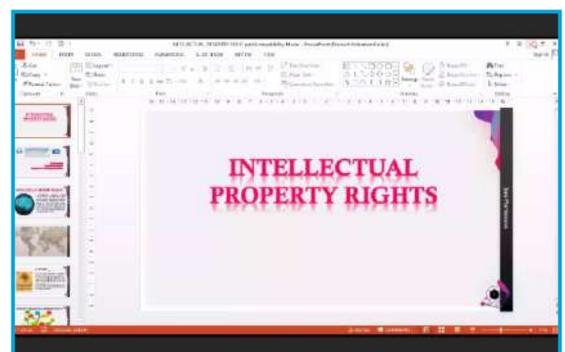
The Department Centre for Research & Innovation and IQAC, PEC, organized 'A Three Day Hands-on Training on Applications of Optimization Techniques using MATLAB' from 20.02.24 to 22.02.24. Dr.M.Premkumar, Principal, PEC, presided over the function and highlighted the importance of techniques application and briefed on how to utilize MATLAB for achieving the above in research work and real-time problems.



AICTE, Brain-O-Vision and the Department of Information Technology, PEC jointly organized a one Week International Level Student Workshop on 'Data Science using Python' from 19.02.24 to 23.02.24. Dr.Buddha Chandrasekhar, Chief Coordinating Officer, AICTE presided over the function. The importance of Basics of Python, Data Manipulation and Visualization, Pandas, Machine learning etc., were emphasized. Students from various departments participated in the workshop.



The Department of Management Studies, PEC, (Autonomous) in association with Institutions Innovation council organized a webinar on 'World Intellectual Property Rights' on 26.02.24. Dr.A.Kanimozhi highlighted the essentials of Intellectual property rights and its benefits. She explained clearly about the trade marks, patents, copy rights and geographical indicators with examples. This created an awareness among the students.



The IIC of PEC, in association with Entrepreneurship Development Cell & Crescent Innovation and Incubation Council CIIC organised a seminar on 'Orienting Research to develop Intellectual Property Rights' on 26.02.24. Dr.SudarKodi Venkatesan, Head, Centre for IPR and TTO, Crescent Innovation & Incubation Council, CIIC, Chennai was the resource speaker. In her session, she emphasized the importance of Innovation cycle - Intellectual Property, Research, Royalties, Licensing and Commercial avenues.



The Department of ECE in Association with Institution's Innovation Council (IIC-PEC) & EDC, Institution of Engineers (India), Salem organized a Guest Lecture titled 'My Story - Motivational Session by an Entrepreneur' on 27.02.24. The Program's goal was to explain students how Engineers can start their own businesses. . The speaker Mr.Shivaram, discussed the importance of having a strong passion for bringing ideas to life and aimed at launching new businesses in future.



PEC along with Department of Food technology & Institution's Innovation Council conducted an Expert Talk on the 'Process of Innovation, Development & Technology Readiness Level' on 27.02.24 for food and pharmaceutical technology students. The resource person of the day Mr. Gowtham Krishnamoorthy, Nutz Technovation Pvt Ltd., Erode enlightened the students with the difference between a Startup and a Business and explained the process of New product Development.



The Department of EEE & Energy Club, PEC, has scheduled 'Student Activities' on 27.02.24 at T112. Oral presentations, role-play, and student tech talks were organized to assist students majoring in Electrical and Electronics Engineering in enhancing their extracurricular and co-curricular activities. Role-play activities were performed by the students individually and in groups to build up experience and self-confidence in handling situations in real life.



The IIC and the Department of IT, PEC jointly celebrated National Science Day by organizing a Talk Show on 'Indigenous Technologies for Vikshit Bharat on 28.02.24. Dr.K.Selvi, Dean Academics presided over the function .In her presidential address, she stressed the importance of culture of scientific inquiry, innovation, and excellence. Students from various departments participated in the Talk show and expressed their ideas and opinions about the theme.



On behalf of PEC, the Department of Aeronautical Engineering, in association with IIC-PEC, EDC, and IEI (Salem), organized a seminar session on the topic of 'Achieving Problem-Solution Fit and Product-Market Fit'. The session was led by the eminent resource person, Mr. R. Prakashkumar, Proprietor-Propelplast. The students gained essential entrepreneurial knowledge and learned how to identify problems while selling products in the market. They also acquired the skills to solve these problems and achieve product-market fit.



The Department of Cyber Security, PEC, has organized a Guest Lecture on 'Converting Innovation into a Startup' on 29.02.24. The program's objective is to how one can involve developing new technologies, business models, or ways of delivering value to customers. Dr. M. Premkumar, Principal, PEC, gave the presidential address and inspired the students with tales of the numerous national and international grants received by students across various departments in the past academic years.



Social Sensitivity

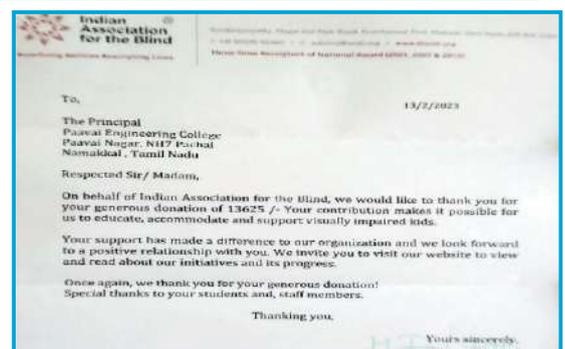
On 02.02.24 TQI Namakkal team cluster volunteers completed 2nd thematic session at Bodinayakanpatti Village Panchayat School. We began the session by recalling the previous class material. Following that, we engaged in a fun and interactive session. The session ended with a feedback.



On 02.02.24 TQI volunteers completed the career guidance program for the 12th students of the Government Higher Secondary School at Shivanayakanpatti. We provided detailed information about engineering and technology, including how to apply for counseling and the eligibility criteria for all courses.



Indian Association for the Blind, Madurai celebrated the International White Cane Day for the Blind. In this connection all students and staff members contributed the amount Rs.13625/-. Rs.13625/- was donated on 13.02.23 to Indian Association for education purpose of the visually challenged children. The students of PEC were thanked for their generous contribution.



National Service Scheme, PEC, GH, Namakkal jointly organized the Blood Donation Camp on 08.02.24 on the college premises. Dr.M.Premkumar, Principal, PEC, Dr.P.Thenmozhi, PG Doctor, GMC, Namakkal, Health Inspectors, Medical Team Members from GBB, Namakkal and Mr.C.Rathnakumar, NSS Programme Officer, PEC were present and they encouraged the students to donate blood.



NSS, PEC and Saravana Hospital, Salem jointly organized the Blood Donation Camp on **17.02.24** on the college premises. In the camp, Dr.S.Sriram, Blood Bank Medical Officer, Salem Blood Bank, Salem, Dr.Manikandan, Salem Blood Bank, Salem, Dr.M.Premkumar, Principal, PEC, Health Inspectors, Mr.C.Rathnakumar, NSS Programme Officer, PEC were present and they encouraged the students to donate blood. The students of PEC eagerly participated in this camp and donated their blood.



On behalf of PASCW, Special camp of NSS was held from 22.02.24 to 06.03.24 at Kolinchipatti Library. CA.N.V.Natarajan, Chairman of Paavai Institutions presided over the function. Dr.S.Sathish, NSS Co-ordinator, Periyar University, Salem inaugurated the special camp. Mr.P.Govindharaj, Panchayat President of Kurukkapuram expressed his gratitude for selecting Kurukkapuram for social service. Dr. E.G.Wesley, AP, Botany, AAGAC delivered his special speech on 'The Effects of Beauty Products'.



On 26.02.24 volunteers of Talent Quest for Paavai completed the tinkering session(Closure session of student Holistic Development session) at Alaganantham Government Higher Secondary School. We provided chart paper, color paper, scissors, etc., for the students to explore their ideas about their village. The students were split and were asked to explain their project led by their team leader and members in front of the village leader. After completing the presentations, the village leader distributed certificates.



On 28.02.24 National Science Day celebration was organized by Namakkal TQI volunteers is held at GHSS, Namakkal, North. Various science activities, including science concept demonstrations and a quiz competition, were conducted. Special prizes were awarded to the winners of the quiz competition, which sparked excitement among the students.



On 29.02.24 final tinkering session was held at palayapalayam village panchayat school which was led by TQI cluster team volunteers .This session was conducted to help students to enhance their art works. The students were split into six teams, and each team explained their project led by their team leader and members in front of the village leader.



Faculty Journal Publications and Patents

Name of the Faculty with designation	Journal Name / Patent	Title of the Journal / Patent/ Article	Reference No.
Dr.G.Balaji, Prof.-EEE, PEC R.Muthukumar AP-EEE, PEC	Diamond & related materials	Fabrication of g-C ₃ N ₄ decorated Au/Zn ₃ (PO ₄) ₂ Composites for remarkable H ₂ production under visible-light irradiation	0925-9635
N .Nijanthan AP-CSE, PEC	IEEE Xplore	Internet of Things (IOT) Assisted Smart Agriculture Monitoring and Summarization System Using NodeMCU and Efficient Sensor Unit	10408069
Dr.M.Sudha Prof.-ECE, PEC	Journal of Intelligent Systems and Internet of Things (JISIOT)	Enhanced Optimization Algorithm with Deep Learning Assisted Oral Cancer Diagnosis On IOT Healthcare System	ISSN (ONLINE) : 2690-6791. ISSN (PRINT) : 2769-786X
S.Satheeshkumar AP-ECE, PEC	Journal of Emerging Technologies And Innovative Research (JETIR)	Wireless Electronic Notice Board with Multipoint Receiver using Radio Frequency	ISSN NO : 2349-5162
Dr.M.Sudha Prof.-ECE, PEC	IEEE Explore (Conference Proceedings)	Robot-Assisted Cognitive Training for Children with Autism Insights and Outcomes	ISBN NO : 979-8-3503-4060-0
Dr.S.Vijayakumar Prof.-ECE, PEC	IEEE Explore (Conference Proceedings)	Enhancing Biomedical Image Interpretation Through a Hybrid Machine Learning Algorithm	ISBN: 979-8-3503-4060-0
Dr.M.Sudha Prof.-ECE, PEC	International Journal of Research and Analytical Review (IJRAR)	Enhanced IOT-Based Healthcare Monitoring System with Security Measures	ISBN: 979-8-3503-4060-0
Dr.S.Vijaya Kumar Prof.-ECE, PEC	International Journal of Innovative Science and Research Technology (IJISRT)	Automatic Gear Lock System for Motorcycles at Traffic Signals	ISSN No:2456-2165
M.Matheswaran, AP-MECH, PEC P.Raja, AP-MECH, PEC R.Duraimurugan AP-MECH, PEC K.Mohanraj AP-MECH, PEC	International Journal of Creative Research Thoughts	Mechanical Properties Assessment Of PLA Mixed Wood By Using Additive Manufacturing	2320-2882

Name of the Faculty with designation	Journal Name / Patent	Title of the Journal / Patent/ Article	Reference No.
Dr.G.Madasamy Raja AP-IT, PEC	IJASAC Elsevier-Scopus	Online Fraudulence Detection Based on Decision Support System in Digital Banking	https://ijisae.org/index.php/IJISAE/article/view/4720
Dr.M.Deepa AP-CSE, PCE	International Journal of Progressive Research in Engineering Management and Science	Dynamic Cloud Workloads: A Comprehensive Exploration and Deep Dive into Advanced Load Balancing Techniques for Optimal Resource Management	IJPREMS, Vol 04, Issue 02.02.24
K.Divya AP-CSE, PCE Dr.M.Deepa AP-CSE, PCE R.Saranya AP-CSE, PCE	International Journal of Research Publication and Reviews	Adaptive Learning Platforms A Machine Learning Based Framework for E- Learning Recommender System Optimization	Vol 5, Issue 2, Feb 24
N.R.Vikram AP-CSE, PCE Dr.M.Deepa AP-CSE, PCE R.Manoj Kumar AP-CSE, PEC S.Keerthika AP-CSE, PCE P.Prakash AP-CSE, PCE	International Journal of Scientific Research and Engineering Development	Peak Performing in Fake News Detection: Unveiling the Potential of Deep Learning Optimizers	Vol7, Issue1, Jan – Feb 24
N. Nijanthan AP-CSE, PCT	IEEE Xplore	Internet of Things (IOT) Assisted Smart Agriculture Monitoring and Summarization System using Node MCU and Efficient Sensor Unit	10408069
M.Matheswaran AP-MECH, PCT P.Raja, AP-MECH, PCT R.Duraimurugan AP-MECH, PCT K.Mohanraj AP-MECH, PCT	International Journal of Creative Research Thoughts	Mechanical Properties Assessment of PLA Mixed Wood by using Additive Manufacturing	2320-2882

Faculty Journal/ Conference/Books/ and Patents

Name of the Author	Title of the Journal / Patent/ Article	Name of the Journal / Patent/ Article	International/ National	ISBN/ISBN member /Reference No
Mr.Logarasu AP-ECE, PEC	IOT Based Solar power Agriculture Robot	Intellectual Property India. Patent	-	403139-001

Name of the Author	Title of the Journal / Patent/ Article	Name of the Journal / Patent/ Article	International/ National	ISBN/ISBN member /Reference No
Dr.D.Boopathi, AP-EEE, PEC Dr.K.Jagatheesan AP-EEE, PEC	Application of Ant Colony Optimizer in Thermal Power System for Frequency Management	Springer	International	978-981-10-6915-4
Dr.K.Jagatheesan ASP-EEE, PEC	PID Controller Trained Using Ant Colony Algorithm for Load Frequency Control Problems on Three Equal-Area Interconnected Thermal Power with Renewable Energy Sources	Springer	International	978-981-99-7226-5
Dr.D.R.P.Rajarathnam Prof.-MCTS, PEC	Robotics and its Applications	Scientific International Publishing House (SIPH)	International	ISBN 978-93-6132-127-6
D.Murugesan ASP-BME, PEC	Applications of Ant Colony Optimization and its Variants	Springer	International	ISBN 978-981-99-7227-2
D.Murugesan ASP-BME, PEC	Handbook of Formal Optimization	Springer Nature References	International	ISBN 978-981-19-8851-6
Dr.D.R.P.Rajarathnam Prof.-MCTS, PEC Dr.R.T Ajaykarthik AP-MCTS, PEC R.Arunbabu AP-MCTS, PEC S.Manikandan AP-MCTS, PEC C.Vibin Stalin AP-MCTS, PEC R.Karthick AP-MCTS, PEC	Smart Agri Bot For Multi Crop Harvesting	Patent	-	202441011222

Student's Achievements and Awards

Name of the Students	Name of the Programme	Venue and Date	Name of the Event	Position/Place
V.Kaviya II-CSE, PEC	Inter Zonal Power Lifting Tournament	Anna University 04.02.24	Power Lifting	II
Soundharya II-CIVIL, PEC	Inter Zonal Power Lifting Tournament	Anna University 04.02.24	Power Lifting	II

Name of the Students	Name of the Programme	Venue and Date	Name of the Event	Position/Place
T.U.Dilip. K. Dhanabalan CSE, PEC	Cricket-Alumni Tournament	Government College of Engineering 22.02.24 to 28.02.24	Cricket	II
V.Varun Prasath II-Bio Tech, PCT	Strong Man of Asia-2024	World Body Fitness Federation 18.02.24	Body Fitness	III
P.Rameshraj B.Venkatesh II-ECE, PEC	Basketball Tournament	KSR Educational Institution. 14.02.24- 15.02.24	Basketball	Runner
R.Janthiv IV-ECE, PEC	Mr. Fashion of Tamil Nadu	Moon view Beach Resort, Mahabalipuram. 10.02.24- 11.02.24	Fashion	Topper

Student Journal/ Conference/Books/ and Patents

Name of the Author	Title of the Journal / Patent/ Article	Name of the Journal / Patent/ Article	International/ National	ISBN/ISBN member /Reference No
M.Dineshkumar IV-ECE, PEC R.Janathi IV-ECE, PEC M.Vikram IV-ECE, PEC	Journal of Emerging Technologies And Innovative Research (JETIR)	Wireless Electronic Notice Board With Multipoint Receiver Using Radio Frequency	International	ISSN NO : 2349-5162
R.Krishva IV-MCT, PEC R. Dhivakaran IV-MCT, PEC S.Parthiban IV-MCT, PEC	Smart Agri Bot For Multi Crop Harvesting	Patent	-	202441011222

TIPS TO BECOME A PEER REVIEWER

Peer review is the system used to assess the quality of a manuscript before it is published. Independent researchers in the relevant research area assess submitted manuscripts for originality, validity and significance to help editors determine whether a manuscript should be published in their journal.

Types of Peer Review Process

There are three peer review options, - single-blind, double-blind and open.



Single-blind:

The most popular peer review option, the single-blind peer review process, involves having the submitters' names visible to the reviewer, but the reviewers' names are hidden from the submitter. This enables the reviewers to reflect on the submitter's previous work, leaving room for bias.

Double-blind:

Double-blind process means the submitters' names are hidden from the reviewers, and the reviewers' names are hidden from the submitters'. This could provide a more well-rounded review.

Open:

The open peer review process is when the names of both the submitters and reviewers are visible to each other. This can be both good and bad. Negatively, it can publicly show which reviews are too harsh and weaker in context. But knowing that your review will be 'public' may reinforce a tighter, more strict approach. Or it could also stop the reviewer from providing a genuine, honest review.

Becoming a Reviewer:

From boosting your academic career to staying on top of the latest research, there are many benefits to becoming a reviewer of research papers. Diana Marshall, former Head of 'Reviewer Programs' at Taylor & Francis, shares 5 top tips on how to become a reviewer for scholarly journals – including raising your profile, gaining experience, and formal training.

5 tips on how to become a peer reviewer:

1. Build your profile

The Editor needs to know who you are and what you are an expert on. Make sure that your online profiles are up-to-date, and that you have shared your expertise through platforms like [ORCID](#).

2. Make yourself discoverable

Help the Editor know your interests and review experience. Creating a [Clarivate](#) profile as someone interested in reviewing can make you easier to find.

3. Peer review experience: co-review with a colleague

Many journals will be happy for you to co-review with an experienced colleague. You just need to ask for the journal editor's approval first. Talk to senior members of your department about working with them on some reviews.

4. Peer review experience: volunteer to review

Some journals welcome volunteer reviewers. Make sure you share your research experience when contacting the journal or editor you're interested in reviewing for.

5. Learn how to be an expert reviewer

Want to find out more about being a peer reviewer and get some training and experience? You can join training sessions conducted by leading research publishers like Taylor & Francis and get the opportunity to be linked with journals in your subject area. Such training sessions include following aspects.

- The peer review process
- Writing review reports
- Ethical guidelines for peer reviewers
- Reviewer recognition

Source: <https://authorservices.taylorandfrancis.com/blog/peer-review/tips-on-how-to-become-a-peer-reviewer>

Alumni Testimonial

PAAVAI ENGINEERING COLLEGE



POORNIMA NAGARAJ
B.E - CSE, 2007 - 2011
Associate Manager
Accenture Solutions pvt, Chennai

The years spent in PAAVAI have helped me grow professionally and personally. The days I spent here are golden memories that will cherish for life time. Thanks to CSE department and Placement cell for giving various trainings, seminars, lectures and moulding me to get my dream Job and become a successful professional. Few highlights that I highly want to mention and thank the management for the blessing of Paatha Pooja being done for parents on orientation and for teachers on Teacher's day.

PAAVAI COLLEGE OF ENGINEERING



R.SASIDHARAN
B.E - ECE, 2017 - 2021
Tech Mahendra
Coimbatore

I was a student of Electrical and Electronics Engineering Department. My college days were the best part of my life. My department encouraged me to explore my talent and potential by providing an exceptional integrated learning environment. It's really been a great experience as a paavaian. There, I have learnt the basics of life, how to balance work and studies the same time. Apart from classes and lectures there were also multiple workshops, seminars, which shaped me as the person I am right now. I express my heartfelt thanks to the institution for giving me the perfect opportunity to explore myself. I am grateful to be part of such an institution.

PAAVAI COLLEGE OF TECHNOLOGY



U.MEYAMMAI
B.E - ECE, 2013 - 2017
Senior Associate Consultant
Infosys, Bangalore

My experience at Pavai College of Technology has been truly enriching. The four years that I spent at the institute have been pivotal in shaping my personality. I have received fantastic support and guidance from the faculty. Our institution takes the educational mission to heart. Here, you will find people who will support you and guide you on the path of progress. I am very grateful to be an alumnus of this institution.

PAAVAI POLYTECHNIC COLLEGE



MURUGANANTHAM POTHANAICKER

DAE - 2013-2015

Vanderlande Industries Pvt

My time at Paavai Polytechnic College was life-changing. The teachers there didn't just teach; they made sure I really understood everything and could explain it to others. I got better at drawing and solving problems, too. But what really stood out was how much the teachers cared about us. They always encouraged me to aim higher and never give up. Thanks to them, I'm more confident and capable than I ever thought possible. If you want a college that's not just about grades, but about helping you become your best self, Paavai Polytechnic College is the place to go.

PAVAI COLLEGE OF ARTS AND SCIENCE FOR WOMEN



R.MITHILA

B.Sc. CS 2017 - 2020

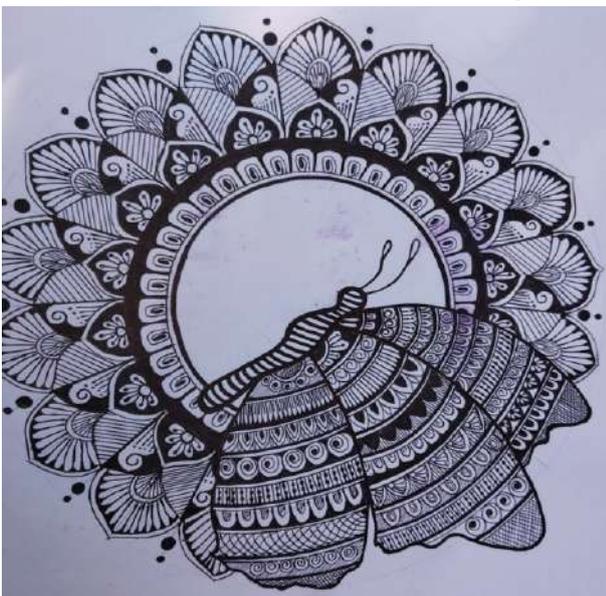
Backend Developer,

Tata Consultancy Services

Chennai

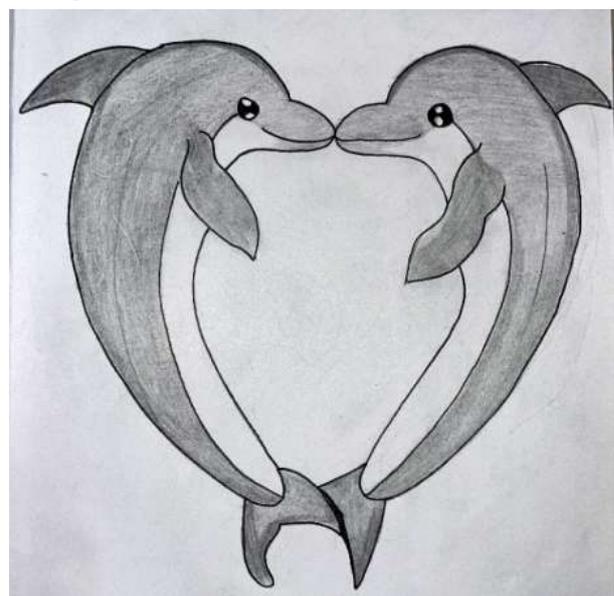
I am working as Backend Developer, Tata Consultancy Services at Chennai. In Pavaai, a group of distinguished lectures always insisted me to remain in a positive attitude and created a supportive environment conducive to personal and academic growth. Our teachers used to teach us about the latest trends in technology. I am really grateful to my teachers who have changed my whole aspect towards learning. I express my heartfelt thanks to the institution for giving me the perfect opportunity to explore myself.

Humanity - Art by the students



R.GOKULAPRIYA

II CSE A, PEC



G.SRI HARINI

II CSE C, PEC

ENGLISH CORNER

IDIOMS AND PHRASES

A dime a dozen - something very common or easy to find

In this digital age, smartphone apps are **a dime a dozen**.

Bite your tongue - refrain from speaking, especially to avoid saying something inappropriate or hurtful

I wanted to criticize his idea, but I had to **bite my tongue** and stay quiet.

A penny for your thoughts - a polite way of asking what someone is thinking

You've been quiet all evening, **a penny for your thoughts?**

All ears - fully listening or eager to hear what someone has to say

I'm **all ears**. Tell me about your new job.

Hit the sack - to go to bed or go to sleep

I'm exhausted. I think I'll **hit the sack** early tonight.

Keep it under wraps - to keep something secret or confidential

We've developed a new product, but we need to **keep it under wraps** until the launch.

Raining buckets - raining heavily

I can't go out now; it's **raining buckets** outside.

Rub salt in the wound - to make a painful situation even more painful

Bringing up his recent breakup was like **rubbing salt in the wound**.

Stab someone in the back - to betray someone

I can't believe she **stabbed me in the back** by spreading rumors about me.

Walking on eggshells - being very cautious or sensitive in dealing with a situation or person

Ever since their argument, she's been **walking on eggshells** whenever she met him.

You can't judge a book by its cover - you can't judge someone or something based solely on appearance

She may seem shy and quiet, but **you can't judge a book by its cover**; she's actually quite confident.

Zip your lip - to be quiet or stop talking

I don't want to hear any more excuses. Just **zip your lip** and get to work.

Bite the dust - to fail or come to an end

The company's ambitious expansion plans have bitten the dust due to lack of funding.

Break the bank - spend a lot of money

We want to go on vacation, but we can't afford to **break the bank**.

Keep something at bay - to keep something away or prevent it from happening

Regular exercise helps to **keep illness at bay**.

Take the bull by the horns - to confront a problem directly

Instead of avoiding the issue, she decided to **take the bull by the horns** and address it head-on.

Up in the air - uncertain or undecided

The project's future is **up in the air** until we receive funding.

Paavai in Press



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)