



PAAVAI

EDUCATIONAL INSTITUTIONS

Think Education... Think Paavai.


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

PAAVAI VOICE

JANUARY - 2024

A MONTHLY BULLETIN

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Chairman's message

Dear parents and students!

Greetings from your Chairman

As we step into the new year, I am delighted to extend my warmest greetings to each and every one of you. January marks the beginning of a journey filled with opportunities, growth, and shared experiences within our esteemed institution.

I am pleased to announce that our institution is starting the year on a high note with an invigorating trip to Ercaude for our dedicated teachers. This excursion serves as a platform for our educators to rejuvenate, explore new perspectives, and strengthen bonds with their colleagues. We believe that investing in the well-being and professional development of our faculty is paramount to fostering an environment of excellence in education.

Additionally, January holds significant importance as we come together to celebrate the spirit of freedom and unity on the occasion of Independence Day. This day serves as a reminder of the sacrifices made by our forefathers and the values they upheld to secure our nation's sovereignty. Through various commemorative events and activities, we aim to instill a sense of patriotism and appreciation for our rich cultural heritage among our students and staff.

As we embark on this new year, let us reaffirm our commitment to nurturing talent, fostering innovation, and upholding the principles of integrity and inclusivity. Together, we can continue to chart a path towards academic excellence and societal progress.

Wishing you all a prosperous and fulfilling year ahead.

Warm regards,

GOLD MEDALIST – JOHN .C

We interviewed C.John of B.pharm batch 2018 -2022 batch who was awarded gold medal by Prof K.Chinnaswamy endowment gold medal for securing the highest mark in final (7th & 8th semester)B.Pharmacy in the Tamilnadu Dr.M.G.R. Medical University.

C.John has been completed his B.pharmacy in Paavai college of pharmacy and reaserch, Namakkal and he is working as lecturer in Paavai college of pharmacy and reaserch,Namakkal. He is from Kallakurichi.His father name is Chinnappan who is farmer and his mother name is Vijayalakshmi who is home maker.

He completed his schooling in Sri Vivekananda higher secondary School,Kallakurichi.His role model is Mahendra Singh Dhoni .He is motivated by family,Dr.R.Sivakumar , principal of Paavai college of pharmacy and reaserch by his optimistic character ,K.Sattanadhan, assistant professor who encouraged him by his Knowledge and N.V.Britya, assistant professor who inspired him by her Boldness.

He shared his goal that has to become a Research scientist. His strength is that he will keep him in loop and being on a roll in his successful journey. He is over the moon because he made his father to feel proud of his achievement.So he dedicated his achievement to his father who always stands with him in every situation.

We inquired about handling stress during studies,he said that when you have interest in acquiring knowledge, there is no stress and he made his mind and soul happy by spending time with friends and he added that his father said, stay focused when you are studying and not to let your mind to wander about something,he took this in mind and managed his stress during studies.

He revealed when he was felt down he listened to his role model M S Dhoni's interviews and by watching "MS Dhoni: The Untold Story" which possess the biography of MS Dhoni.

He uttered to his fellow colleagues and students That keep your listen to elders words not because of they are always right but they have more experience of being wrong and he notifies that "The process is more important than the results. And if you take care of the process, you will get the results"as well said by his Idol MS.Dhoni. .Finally, he showed his gratefulness to his father from the core of his heart.



Republic Day Parade Camp-2024, New Delhi

Paavai Engineering College NSS volunteer Ms.A.U.Lekha Shree, II, B.Tech.(Pharma) was the proud NSS participant who actively participated in the Republic Day Parade Camp 2024, New Delhi from 01.01.24 to 31.01.24.

As an avid NSS volunteer she performed very well and got selected from the South Zone Level (South India Level) South Zone Level PRE - RD Selection 2023 held at Cauvery College for Women (Autonomous), Thiruchirappalli from 30th October to 9th November, 2023. She was selected by Anna University Pre-RD Camp (Anna University Level) held on 29.09.23 at MIT Campus, Anna University, Chennai.

Thirteen NSS volunteers from Tamil Nadu were selected and they had undergone training in New Delhi. The volunteers were imparted training in leadership development apart from organizing various socio-cultural programmes. All the volunteers, after a month long stay together in the camp, got the prestigious opportunity to be part of the Republic Day Parade on 26.01.24.

The volunteers also got a chance to interact with many eminent personalities namely Honorable President Ms.Droupadi Murmu, Honorable Prime Minister Mr.Narendra Modi, and Mr Anurag Sing Thakur, Minister of Youth Affairs and Sports.



Tamil Nadu State Republic Day Parade Camp-2024, Chennai



Paavai Engineering College NSS Volunteer S.Sivasubra Manikandan, II ECE and Ms.S.Swetha, II Agri actively participated in the Tamil Nadu State Republic Day Parade-2024 at Chennai from 16.01.24.to 26.01.24.

He actively participated and performed very well in the selection of Anna University volunteers State Republic Parade held at Anna University Regional Campus, Trichy on 30.12.23.



Wall of Fame



Dr.B.Venkatesan
Prof & Head - IT
Best Internship Coordinator
Internshala



C.Rathnakumar
ASP-MCA,PEC
Best Performing Nodal Officer
Kalaivanar Arangam, Chennai



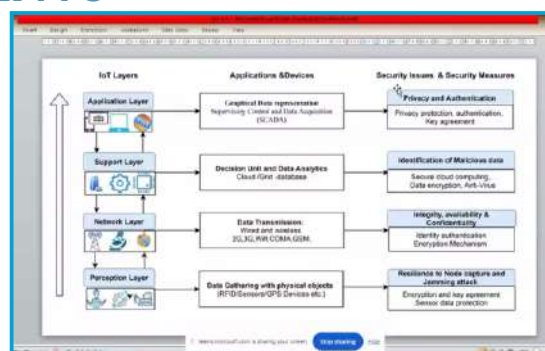
R.Gokul
III BE- Cyber Security, PEC
ECI - First Place & Best Performing Campus
Ambassador 2024
Kalaivanar Arangam, Chennai



S.Vikram Raja
IV BE- IT, PEC
Koding Ninjas Students Club
President of PEC

ACADEMIC EVENTS

On 03.01.24, PEC's Department of Mechatronics Engineering organized a guest lecture titled 'Industry 4.0 & its Applications'. Srikanth II MCT delivered the welcome address, and Dr. Francis Luther King from Swarnandhra Engineering College of Technology was the resource speaker. Dr. King explained Industry 4.0's transformative role in business processes, culture, and customer experiences, highlighting its impact on industries and job opportunities



On 04.01.24, the Department of Chemistry, PEC conducted a guest lecture titled 'Recent Trends in Analytical Chemistry' via Microsoft Teams. Prof. V. Santhanam, Professor from SCSVMV, Kanchipuram was the guest speaker. The lecture aimed to enhance students' knowledge of analytical instruments and techniques. Prof. Santhanam discussed applications in drug development, industrial control, and environmental monitoring.



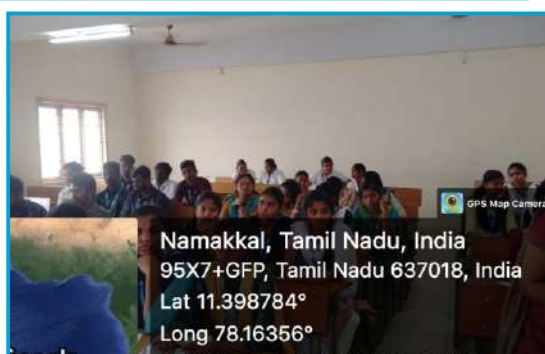
On 04.01.24, the 'Centre for Foreign Studies' conducted a guest lecture titled 'Opportunities for Internship and Higher Studies in Canada' for the 'Indo – Canadian Immersion Programme.' Mr. Agnel Worth from Saskatchewan Polytechnic, Canada, shared insights, with notable attendees including Dr. K.K. Ramasamy, Dr. M. Premkumar, and Dr. I. Rajendran. Mr. Worth discussed Canada's educational system and internship opportunities.



On 05.01.24, Department of IT, PEC partnered with Microsoft Learn Student Ambassador, hosted a .NET Conference drawing students from across the region for a two-day event. Dr. Premkumar delivered the presidential address, followed by a keynote from Mr. Mohamed Azarudeen. Navika Chaudha offered insights into Azure AI and cloud computing. Azarudeen shared expertise on ChatGPT, Azure exams, and course websites. The second day featured discussions on Microsoft products, trends, and job prospects, including segments on human-AI interaction.



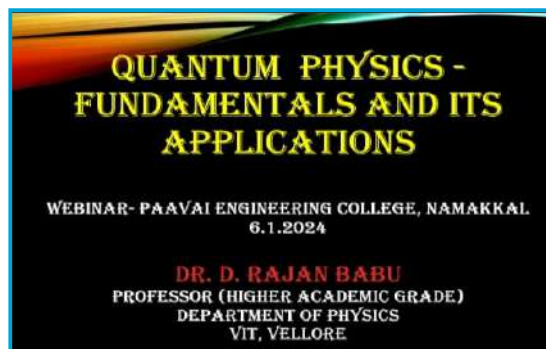
The Aryabhatta Math Club, Department of Mathematics, PEC organized a 'Math Quiz' event on 06.01.24. Eight teams participated in the preliminary round, from which the top four teams advanced to the final round. S. Mouliya from the I-IT(B) team securing first place and R. Sanjay from the CSE(IOT) team clinching second place. The event aimed to foster students' explorative, creative, and inventive faculties, providing them with opportunities to try new things.



On 05.01.24, Department of EEE, PEC and the Energy Club collaborated to host a one-day seminar on 'Awareness in Electrical Sector Cyber Security.' Dr. M. Premkumar, Principal, highlighted the importance of cyber security in the electrical sector. Guest speaker Mrs. Archana Manikandan from Green CAD Technology shared insights on safeguarding modern electrical systems from cyber threats, emphasizing measures like network segmentation and encryption for SCADA and ICS.



On 06.01.24, the Department of Physics at PEC organized webinar on 'Quantum Physics – Fundamentals and its Applications.' Dr. M. Premkumar, the Principal, delivered the Presidential Address. Dr. D. Rajan Babu, Vellore Institute of Technology, discussed quantum physics, history and particle duality, exploring its applications. Interactions followed, and Ms. N. Nagavarshitha delivered the vote of thanks. Gratitude was expressed to the Management, Director-Admin, Principal, and staff for their support.



On 06.01.24, PEC hosted a guest lecture titled 'Future Technologies in IOT & AI&ML'. Mr. A. Kesavan from Svasti Technologies provided insights into cutting-edge technologies, exploring topics like Industry 4.0 transitioning to Industry 5.0, AI-operated robots, ubiquitous mobile phone usage, and the rise of extensive freelancing. The lecture delved into Virtual Reality, Automation, Machine Learning, Energy Management, Advanced Metering, IOT projects, Big Data and innovative solutions.



On 08.01.24, Microbytes Innovation Club, PEC organized the technical event. Dr. D.R.P. Rajarathnam, Head, MCTS inaugurated the activity. The event comprised three rounds: a preliminary round on general knowledge and current affairs, a second round with aptitude and reasoning questions, and a final round featuring technical questions. Five students progressed to the second round, with three advancing to the finals. Certificates were distributed by Dr. G. Balaji, Head, EEE.



On 09.01.24, PEC's Department of Agriculture Engineering orchestrated a vibrant 'Pongal celebration' at M.S. Swaminathan Vayal Kudam to honor farmers and invoke prosperity for the year ahead. Students, adorned in traditional attire, highlighting Pongal, made from rice harvested from Paavai Organic Farm. Smt. N. Mangai Natarajan inaugurated the ceremony. A sales counter for Paavai Organic Farming produce was also launched. Cultural performances such as Bharatham, Kummi, Karagam, and Silambam and traditional games like 'uri adithal' and 'Tug of war' entertained attendees.



On 09.01.24, Department of MCA, in collaboration with the Institutions Innovation Council (IIC), PEC hosted a one-day workshop on 'Entrepreneurship Skill, Attitude and Behavior Development.' Dr. M. Premkumar, Principal, PEC highlighted the workshop's importance for student development and entrepreneurship. The guest Mr. Kaveen Prasannamoorthy, Managing Partner of Unborn Group of Companies, encouraged entrepreneurial endeavors, focusing on strategic thinking and effective communication.



On 09.01.24, the Department of ECE, PEC in partnership with IETE hosted a guest lecture on the 'Scope and Objectives of ECE'. The speaker, Dr. N. Angayarkanni, Professor of ECE, discussed electronics components, applications, communication needs, and career opportunities beyond communication courses. Ms. K. Jayaharshitha concluded with a vote of thanks, wrapping up a successful session marked by collaboration and insightful discussions.



On 16.01.24, the Institution's Innovation Council and the Entrepreneurship Development Cell celebrated National Startup Day 24 with a webinar titled 'Startups unlocking infinite potential'. The chief guest, Mr. V. V. Subash. Mr. Subash discussed the significance of the day, government funding for startups, and support ecosystems for entrepreneurs. He urged students to undertake projects, participate in hackathons, seek mentorship, and engage in startup competitions.



On 18.01.24, the English Literary Association hosted LIT-CONNECT in Keerthi Hall, with the Principal of PASCW. Divided into two teams, each with seven members, students identified literary figures and works of art from picture clips. Mrs. T. Sugavaneswari, Assistant Professor of Commerce, and Mrs. Lakshmi, Physical Directress, awarded prizes. Ms. M.V. Mekavarshini, II M.A. English, delivered the vote of thanks.



On 19.01.24, the Department of Biotechnology, PCT conducted a webinar titled 'Healthy Lifestyle for Disease-Free & Drug-Free Life'. Dr. R.R. Thangadurai M.S., Chief Consultant, and Co-Founder of Dr. Gold Healthcare, Coimbatore, was the keynote speaker. The lecture focused on healthy lifestyle principles and drug-free survival, addressing prevention methods for obesity, diabetes, coronary disease, and lifestyle ailments, emphasizing the importance of vegetables and organic foods.

PANACEA		
	ULTRAPROCESSED FOODS - FAKE FOOD	REAL FOOD
Characteristics	TRIFECTA	-
Fibers	Low	High
Energy density	High	Low
Craving & addiction	++	-
Nutrient density	Low	High
Satiety index	Low	High
Overconsumption	+	-
Glucose Absorption	Immediate	Slow & Sustained
Glucose Spikes	++	-
RANDLE CYCLE	Carb + Fat	Either Carb Or Fat Never Both
Insulin Levels	Hyperinsulinemia	Normalcy
Result	Weakness, Obesity, Diabetes, Heart Disease, Cancer, etc.	Strong & healthy

On 20.01.24, the Department of EEE & Energy Club at PEC organized 'Student Activity' aimed to enhance co-curricular and extra-curricular activities for Electrical and Electronics Engineering students. Third- and final-year EEE students participated in oral presentations, group discussions (debates), and personality development activities. Topics included e-vehicles, renewable energy, artificial intelligence, and e-commerce.



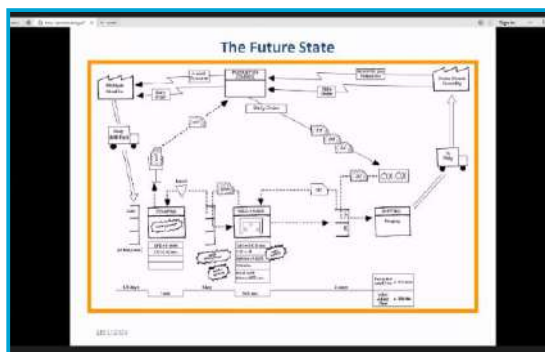
An awareness program on NISM (National Institute of Securities Markets) and SEBI (Securities and Exchange Board of India) took place on 22.01.24 and 23.01.24 at PASCW. Dr. A. Alexander, a NISM trainer, served as the guest speaker, elaborating on SEBI's role and offering tips on managing risks in the share market, banking, and insurance sectors. He emphasized prudent investment practices. The program concluded with the National Anthem.



On 22.01.24, the Department of CSE, PASCW organized an association activity centered around Picture Puzzle. Students formed 5 teams, named MXNET, CAFFE, CHATGPT, TENSOR FLOW, and PYTORCH, each with five members, and competed across Rounds 1 to 4. Dr. J. Thavamani, the Principal, chaired the event, with Mrs. K. Vimala, the Head of the Department, encouraging student involvement.



On 22.01.24, the Department of MECH and Resource Club organized a guest lecture titled 'Overview on Value Stream Mapping and Lean Manufacturing Tools and Techniques.' Dr. G. Sundarmali, ASP, MECH from VIT, Vellore, the resource person, providing fundamental insights into manufacturing techniques. Dr. Sundarmali elaborated on various manufacturing techniques and tools, including value stream mapping and lean tools, aimed at enhancing production efficiency.



On 23.01.24, the English Literary Association organized an activity titled Literary Caricature. Creatively drawing pictures of various literary characters and scenes from novels, dramas, and more. Their joy was evident as they expressed themselves through their drawings. The prize winners were commended by both the Principal and the Head of the English Department, and they were awarded books as tokens of appreciation for their efforts.



The Department of ECE, PEC hosted an online webinar titled "Machine Learning Techniques for Wind Power Forecasting in Wind Energy Systems" on 23.01.24. Dr. Karthick delivered an insightful presentation, sharing expertise in machine learning techniques for wind power forecasting. The webinar covered introductory concepts of artificial intelligence, machine learning, and deep learning, emphasizing their relevance to wind energy systems.



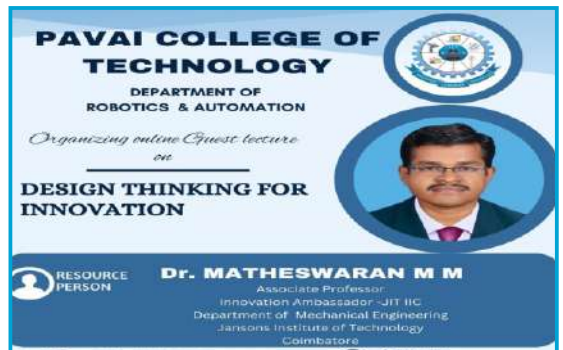
On 23 & 24 .01.24 the Departments of MECH & MCTS alongside IIC-PEC and EDC, organized a Project Exhibition and Poster Presentation to foster innovation and knowledge sharing among students. Thirty teams displayed unique projects covering various categories. Dr. I. Rajendran and Dr. V. Subburam encouraged skill development and readiness for employment. The event facilitated dynamic exchanges through insightful presentations and interactive demonstrations, with outstanding contributions.



From 19.01.24 to 24.01.24, the Department of Aeronautical Engineering, PEC in collaboration with Jet Aerospace Aviation Research Center, organized a five day nurture program on 'Skill Development and Entrepreneurship Training Program' in Drone Technology. Led by N. Gayathiri, Senior Researcher, 12 members from Jet Aerospace conducted the training, supported by the Technology Innovation Hub of IIT Delhi. Dr. M. Premkumar, Principal, PEC shared insights on Drone Development.



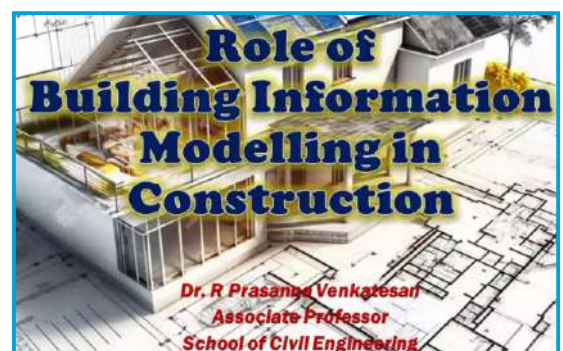
On 24.01.24, webinar 'Design Thinking for Innovation' by the Safety and Fire Engineering and Robotics Automation departments, PCT featured Dr. Matheswaran.M.M Associate Professor, Innovation Ambassador -JIT IIC. Department of Mechanical Engineering, Jansons Institute of Technology, Coimbatore insights into design thinking a human-centered approach to innovation. Dr. Matheswaran stressed empathy, creativity, and iterative problem-solving as its core principles.



On 24.01.24, the Math Association conducted an activity titled 'Women in Mathematics' in PASCW. During the program, students showcased the significant role of women in the field of Mathematics through various presentations. B. Asma Taj from III B.Sc. Mathematics conducted a Math Quiz, while A. Suruthe from II M.Sc. Mathematics presented on 'Women Mathematicians and Achievements.'



On 25.01.24, the Department of Civil Engineering, PEC in collaboration with Paavai Civil Engineering Association, organized a one-day Webinar titled 'Role of Building Information Modeling in Construction'. Mr. L. Dhanush, a third-year student, introduced the speaker, Dr. R. Prasanna Venkatesan, VIT University, Vellore. Dr. Venkatesan briefed the audience on various BIM software such as 3D, 4D, 5D, 6D, and 7D used for detailing structures, providing valuable insights into BIM and its applications.



On 30.01.24, the Centre for Foreign Studies, PEC organized an 'Awareness Program on Internships, Higher Studies in Taiwan Universities and NUS'. The program aimed to inform students about internship and higher study opportunities in foreign countries, specifically Taiwan and the National University of Singapore. Dr. M. Premkumar, Principal, served as the keynote speaker, and the opportunities available in Taiwan, including scholarships. Dr. K. Sundaramurthy, Head-IQAC and CFS, shared his experiences in Taiwan.



On 30.01.24, the Department of EEE & Energy Club, PEC arranged student activity to enrich co-curricular and extra-curricular involvement for EEE students. The events comprised oral presentations, student tech talks, and personality development activities. Mr. Rajidharan presented a tech talk on 'Learn Electricals,' while Miss Kaliswari led a meditation session for participant well-being. Students delivered presentations on topics like Save Water, Deforestation, Global Warming, and AI.



On 31.01.24 PEC hosted an MoU signing ceremony with Crescent IIC. Chairman Shri CA.N.V. Natarajan stressed the incubation center's significance in fostering student innovation. Dr. Parvez Alam and Dr. Nisha Mukund from Crescent highlighted the incubators' role in nurturing new businesses. Students showcased their innovations, engaging in idea exchanges and planning. Dignitaries, including the correspondent, director, principal, deans, faculty members and students attended.

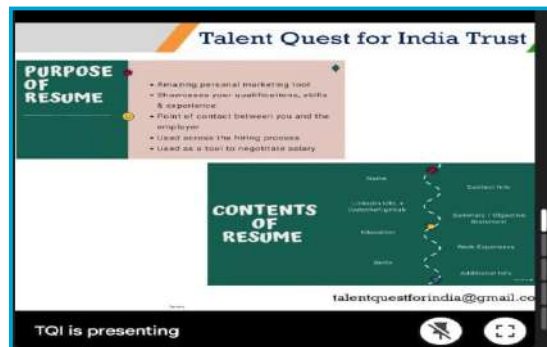


On 31.01.24, the English Literary Association, PASCW organized an activity titled 'Short Time with Short Film'. As part of the activity, short stories prescribed by Periyar University were screened to the students as short films. The following short films were shown: 'The Night the Ghost Got In' by James Thurber, 'The Tell-Tale Heart' by Edgar Allan Poe, 'After Twenty Years' by O. Henry and 'The Alchemist' by Paulo Coelho.



SOCIAL SENSITIVITY

On 02.01.24, all third-year volunteers participated in an "Induction Program" for the Mock Interview organized by the Learnathon team at TQI. The program featured one-on-one interviews conducted by corporate professionals, aimed at boosting the confidence levels of our volunteers and enhancing their communication skills and knowledge. Mr. Madhu, the project manager of Learnathon and an employee at TCS, led the session and provided insights into the mock interview process.



On 05.01.24, volunteers from Talent Quest for India (TQI) at Paavai Institutions visited Muthugapatty GHSS for ULLAS Summit-1. A total of 7 volunteers participated in the session, which focused on mind map techniques and other enriching activities designed to enhance students' knowledge.



On 05.01.24, volunteers from Talent Quest for India (TQI) at Paavai Institutions visited Muthugapatty Government Higher Secondary School for ULLAS Summit-2. A total of 8 volunteers participated in the Summit-2 activities on day 2. The day began with engaging warm-up games designed to promote healthy interaction among participants. The session then focused on the process of decision-making, emphasizing the POWER of decision-making.



On 05.01.24, volunteers from Talent Quest for India (TQI) at Paavai Institutions visited Alanganatham Government Higher Secondary School for ULLAS Summit-1 & 2. A total of 8 volunteers participated in the Summit-1 & 2 sessions on day 4. The day commenced with a discussion on decision-making and the magic of appreciation. The session was characterized by lively interaction and enjoyable activities, fostering a positive and engaging learning environment.

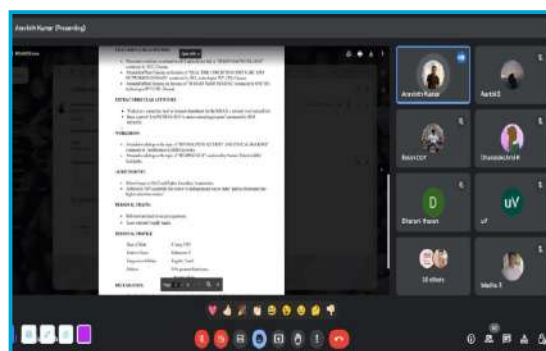


On 06.01.2024 volunteers from Talent Quest for India (TQI) Paavai institutions has visited to the Palayapalayam Government higher secondary school for ULLAS summit-1.

Totally 8 volunteers took part in the summit -2 day 2. We started the session with interesting Games. The summit was gone through with the DOD session and mindmapping techniques. We concluded the session with moral stories.



The Resume Writing Learnathon series, organized by the TQI Learnathon team, was conducted via Gmeet on 18.01.24. This session provided valuable insights into interview techniques and resume writing strategies. The TQI team introduced an exceptional approach to resume building, offering numerous insightful examples and guidance. Such initiatives greatly aid in the creation of compelling resumes and enhance the prospects of securing desired employment opportunities.



On 23.01.24, volunteers from Talent Quest for India (TQI) at Paavai Institutions visited Palayapalayam Government Higher Secondary School for ULLAS Summit-1. During the visit, we engaged in an interactive session on English grammar and completed the decision-making process. The session concluded with the sharing of a brief moral story, enriching the experience for all involved.



The Ayothiappattinam team from TQI Paavai successfully concluded all summit classes for 9th-grade students at Ayothiappattinam Government Higher Secondary School in Salem on 23.01.24. Eight dedicated volunteers actively participated in delivering summit-1 sessions. The curriculum, meticulously designed, included diverse group activities focusing on memory techniques, pattern recognition, and grammar skills, ensuring a comprehensive learning experience for the students.



On 23.01.24 volunteers from Talent Quest for India (TQI) had visited to the Palayapalayam Government higher secondary school for ULLAS summit-1&2 sessions. Totally 8 volunteers took part in the summit -1 day 1 and summit -2 day 3 .we discussed about the rules and regulations of libraries with 9th std students.The day 3 with the discussion of greetings and magic of appreciation.The session gladly filled with fun and interaction. We ended the session by telling consistence, motivational and inspiration based moral stories.



On 31.01.24 volunteers from Talent Quest for India (TQI) Paavai institutions has visited to the Muthugapatty, Government Higher Secondary School. Our Namakal Cluster team finished their all session for 10th students (summit-2), also completed day 4 session for the 9th students. The day was a complete fun and interesting. we gone through with the English grammar parts, Library Rules and regulations and winded up with a feedback session.



On 31.01.24 volunteers from Talent Quest for India (TQI) Paavai institutions has visited to the Elambalur Government higher secondary school for ULLAS summit-1. Totally 8 volunteers took part in the summit -1and completed all 5 session spontaneously. We thought about team work, decision making, Appreciation by GST method. All the session gladly filled with fun and interaction then we played a fun game and told inspirational stories. We concluded the session after collecting feedback.



Faculty Achievements and Awards

Name of the Student	Awards / Achievement Details	Awarded by	Date
Dr.B.Venkatesan Prof. & Head, IT	IEEE International Conference Reviewer	BNM Institute of Technology, Bangalore	12.01.2024

Students Journal Publications and Patents

Name of the Faculty with designation	Journal Name / Patent	Title of the Journal / Patent/ Article	Reference No.
G.Dhamotharan M.Rahul R.Sanjai V.Viswabharath IV EEE-PEC	PATENT	IOT Based Animal Detector in Agriculture	202341088958A
T.Loganathan S.Sanjay R.Kavinesan S.N.Gowtham S.Srimanikandan K.Parthiban IV EEE -PEC	PATENT	String Hopper Making Machine	202341087813A
J.Aafiya bareen A.Kalaiyaras C.Hemalatha R.Bharanitharan RS.Guruprasath AP.Kalaivani J.A.Akash V.Devarajan M.Govika R.Charunithya R.Monikha V.Menaka S.Harinisri M.Deepshika A.M.Kaviya IV IT -PEC	PATENT	Fetal Cardic Tumors detection using Deep Learning from Echocardiographic Image	202341084961A
A.Arunkumar A.L.Kishore Kumar P.Atthish IV CSE-PEC	TIJER - International Research Journal	AI Nutrition Advisor For Fitness Enthusiasts: Making Every Byte Count	Volume-11, Issue-1 ISSN : 2349-9249
S.Sri Ranjani M.P.Venkat vijay V.Sowmiya E.Tamizhan II CSE-PCE	International Journal of Research in Academic World	Machine learning algorithm for predicting and classification of lung cancer	Volume-11, Issue-1 ISSN : 2349-9249

Faculty Journal Publications and Patents

Name of the Faculty with designation	Journal Name / Patent	Title of the Journal / Patent/ Article	Reference No.
Dr.G.Madasamy Raja ASP - IT, PEC	International Journal of Intelligent Systems and Applications in Engineering (IJISAE)	Analysis of Metal Removal Rate on Nitinol alloy using Electrochemical Honing Process	ISSN:2147-6799
Dr.G.Raja Prof Chemistry-PEC T.Dhanabal ASP Chemisrty- PEC	International Journal of Current Research in Chemistry and Pharmaceutical Sciences	Growth, spectral and thermal characterization of anilinium trichloromercurate (II) Crystal	2348-5213
N.M.K. Ramalingam Sakthivelan AP CSE-PEC	TIJER - International Research Journal	AI Nutrition Advisor For Fitness Enthusiasts: Making Every Byte Count	Volume-11, Issue-1 ISSN : 2349-9249
Dr. J. Senthil ASP FOOD TECH -PEC	International Conference on Intelligent Data Communication Technologies and Internet of Things by REVA University, Bengaluru, India	Early Prediction of Diabetes and its risk factors based on ARIMA-ELMAN ANN Network	979-8-3503-2752-6
Dr.G.Balaji Prof EEE-PEC Dr.S.Ramachandran ASP EEE-PEC Dr.S.Rathinavel ASP EEE-PEC V.Kumarakrishnan AP EEE-PEC	PATENT	IOT Based Animal Detector in Agriculture	202341088958A
Dr.G.Balaji Prof EEE-PEC Dr.B.Murali Babu Prof EEE-PEC Dr.A.Rathinam ASP EEE-PEC Dr.S.Rathinavel ASP EEE-PEC	PATENT	String Hopper Making Machine	202341087813A
Dr.B.Venkatesan Pro IT- PEC	PATENT	Smart Biosensor Device for detecting lung Cancer	6332475
Dr. D R P Rajarathnam Prof MCT-PEC Dr. R T Ajaykarthik Prof MCT-PEC S. Manikandan AP MCT-PEC R.Karthick AP MCT-PEC R Arunbabu AP MCT-PEC C. Vibin Stalin AP MCT-PEC	PATENT	Chat Bot Applications	202341085823 A

Student Achievements and Awards

Name of the Student	Awards / Achievement Details	Awarded by	Date
S.Siva K.Yaswanth L.Dhanush J.M.Sharma T.Muthaiya Muralidharan G.Neethu M.Dhanush B.Sarathi P.N.Thenswetha V.Dharani P.Dharnish P.Prasath M.Raman IV CIVIL-PEC	Best Project Presentation Award in Build Expo'24	Salem Civil Engineers Association	05.01.24 to 08.01.24

HOW TO AVOID PLAGIARISM IN RESEARCH ARTICLES

Plagiarism is defined as taking “material from a website or publication or book or any other source and presenting it as your own without giving proper credit to the original author”

Types of plagiarism: i) Intentional Plagiarism— refers to borrowing or cut-copy-paste or using some others work partly or completely, using ideas of others, copying words/phrases/paragraphs word for word etc. ii) Accidental

Plagiarism: it refers to forgetting to cite a source or author or neglecting to put quotation marks around a quote. It may be just an oversight, iii) Self Plagiarism: Stealing or borrowing some amount of work” from his or her previously published articles.

Steps to avoid Plagiarism:

Cite your source: When alluding to an idea or wording that's not your own, add a citation in your writing that identifies the full name of the source, the date it was published, and any other citation element that's required by the style guide you're adhering to.

Include Quotations: If you insert a source's words into your writing, verbatim, one of the most simple yet obvious ways to avoid plagiarism is by using quotation marks around the text to denote that the words aren't your own. A direct quote should also cite the source so that readers know who the quote is from.

Paraphrasing: Paraphrasing is rewriting a source's ideas or information into your own words, without changing its meaning. But be careful paraphrasing can slip into plagiarism if done incorrectly. Reword and format your writing in an original way, and try to avoid using too many similar words or phrases from the source. The key is to do so without altering the meaning of the idea itself. Remember, you're still using another's idea so you'll need to include a citation to the source.

Present your own idea: Instead of parroting the source's ideas or words, explore what you have to say about it. Ask yourself what unique perspective or point you can contribute in your writing that's



entirely your own. If you're writing on the same topic for multiple assignments, it can be tempting to recycle some of your previous words—which is “self-plagiarism”. Reusing your old work is not advisable.

Use a plagiarism checker: i) Grammarly (perfect resource to test for plagiarism) and others include: Quetext, Duplichecker, Copyleaks, PaperRater, Plagiarisma, Plagiarism Checker, PlagScan, PlagTracker, PlagiarismHunt etc.

Manage your citations using reference management software like:

EndNote – <https://endnote.com/>
Mendeley – <https://www.mendeley.com/>
Refworks – <https://www.refworks.com/>
BibTex – <http://www.bibtex.org/>

Why self-plagiarism is wrong: i) It is because publishers expect your new works not reuse of old works; ii) Since publishers have the copyright of your research work – reusing your own work itself is against copy right law and iii) also publishers will easily catch your plagiarism using modern tools and may delay or block your publication process.

These suggestions can be helpful in avoiding plagiarism in your work and is worth the effort. In addition to being more aware of what constitutes plagiarism, figuring out how to avoid plagiarism ultimately takes daily practice.

Source: <https://www.grammarly.com/blog/5-most-effective-methods-for-avoiding-plagiarism/>

Alumni Testimonial

PAAVAI ENGINEERING COLLEGE

PRINYANKA MOHAN
B.E - ECE, 2012 - 2016
Senior Analyst,
Accenture, Chennai



I am extremely proud to share my journey as an alumnus of Paavai Engineering College, where I pursued my Bachelor's in Electronics and Communication Engineering. Looking back, the four years spent at Paavai have not only equipped me with a solid academic foundation but have also shaped me into a well-rounded individual.

The faculty at PEC played a pivotal role in my academic success. Their commitment to excellence and approachability made learning a delightful experience. The well-designed curriculum, coupled with practical exposure through labs and projects, ensured that I gained not only theoretical knowledge but also hands-on skills crucial for the industry.

Beyond academics, Paavai provided a vibrant and nurturing environment for personal growth. The college's emphasis on extracurricular activities allowed me to discover and hone my talents beyond the classroom. Be it cultural events, technical competitions, or sports, Paavai encouraged holistic development, instilling in me the importance of teamwork and leadership.

In conclusion, my time at PEC has been transformative. The education, coupled with the overall nurturing environment, has prepared me well for the challenges of the real world. I am proud to be a part of the Paavai family and carry forward the values instilled in me during my college years. Paavai Engineering College will always hold a special place in my heart as the foundation of my academic and personal success. Once again, I extend my deepest appreciation to Paavai Engineering College

PAAVAI COLLEGE OF ENGINEERING



M.PUGALENDHI
B.E EEE, Batch - 2017- 2021
Software Engineer, Expleo Solution
Bangalore

It brings me great pleasure to say that I graduated with honors from Paavai College of engineering. I had the chance to thrive in my studies because of the friendly interaction between the professors and the students. The four years I had spent here were wonderful and have developed my professional and personal life.

PAAVAI POLYTECHNIC COLLEGE



M.MONISH
DEEE - 2020-2023
TNEB,Theni

As I sit down to reflect on my journey thus far, I can't help but feel a deep sense of gratitude for the pivotal role that Pavai Arts and Science College for Women has played in shaping the trajectory of my life. My educational journey began at Pavai College, where I embarked on a transformative path that has led me to where I am today – practicing law in various district courts in Tamil Nadu, the Madras High Court, and the Delhi High Court.

As I pursued my Bachelor's degree in English Literature, I was met with a nurturing environment that encouraged intellectual curiosity and personal growth. The dedicated faculty members at Pavai College not only imparted knowledge but also instilled in me a passion for learning and a drive for excellence. I am forever indebted to them for their unwavering support and guidance throughout my academic journey.

Today, as I navigate the complexities of the legal world, I carry with me the lessons and values instilled in me during my time at Pavai College. As I stand before the courts, advocating for justice and upholding the rule of law, I am reminded of the profound impact that Pavai College has had on my life.

To Pavai College, I offer my sincerest gratitude for believing in me and for providing me with the tools and resources to pursue my dreams. I am a testament to the transformative power of education, and I owe it all to Pavai College.

ENGLISH CORNER

eat your words : retract your statements, take back what you have said

e.g. Take care what you say! You will have to eat your words.

made his mark : distinguished himself

e.g. At an early age, he made his mark as a chemist.

put my foot down : take a resolute stand

e.g. Where discipline is concerned, I put my foot down.

puts me in mind : reminds me

e.g. This puts me in mind of an amusing incident.

in the long run : eventually, ultimately

e.g. Steady work is sure to be rewarded in the long run.

through thick and thin : under all conditions, undaunted by anything

e.g. She stood by him through thick and thin.

brought to light : disclosed

e.g. The inquiry has brought to light some startling facts.

burnt his fingers : got himself into trouble

e.g. He burnt his fingers by interfering in his neighbour's affairs.

quite out of date : obsolete

e.g. This text-book of chemistry is quite out of date.

gift of the gab : a talent for speaking

e.g. He is not a great lawyer but he has the gift of the gab.

thrown out of gear : disturbed the working of

e.g. The strikers have thrown out of gear many of our important industries

good books of : in favour with

e.g. He is not in the good books of his master.

foot down : remained firm ; refused to yield

e.g. I begged him to reconsider his decision, but he put his foot down.

tooth and nail : with all our power

e.g. We shall fight tooth and nail for our rights.

hung on his lips : listened eagerly to his words

e.g. While he spoke, the audience hung on his lips.

shoe pinches : where the difficulty or trouble lies

e.g. That is where the shoe pinches.

stone unturned : used all available means, adopted every possible method of search

e.g. The police left no stone unturned to trace the culprits.

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)