



PAAVAI

EDUCATIONAL INSTITUTIONS

Think Education... Think Paavai.

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

PAAVAI VOICE

MARCH - 2024

A MONTHLY BULLETIN

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Chairman's message

As we step into the vibrant month of March, I am filled with immense pride and joy as we celebrate the culmination of another academic year filled with achievements, growth, and memorable moments. It is my honor to extend a warm welcome to all of you as we gather to commemorate some of the most significant events in the life of our institution.

First and foremost, I extend my heartfelt congratulations to the graduating students. Your hard work, dedication, and perseverance have brought you to this momentous occasion, and as you embark on the next chapter of your journey, I am confident that you will continue to make us proud with your accomplishments and contributions to society.

Additionally, I am thrilled at the conduction of Astra, our college Festival, a celebration of talent, creativity, and cultural diversity. This festival not only provides a platform for our students to showcase their skills and passion but also fosters a sense of unity and camaraderie within our community. I encourage everyone to participate wholeheartedly in the festivities and make lasting memories together.

Furthermore, I am delighted to share that our Annual Day celebrations will feature a myriad of events and performances, including a special appearance by the renowned singer Malavika. Her enchanting voice and captivating stage presence promise to make this evening an unforgettable experience for all in attendance. I extend my sincere gratitude to Malavika for gracing us with her talent and adding to the grandeur of our celebration.

During these celebrations, it's essential to emphasize the significance of fostering an environment conducive to innovation and research within our organization. In the fast-evolving landscape of today, technological advancements and research pursuits play a vital role in propelling advancement and tackling worldwide issues. I encourage every individual in our community to actively participate in research endeavors and embrace technology as a force for beneficial transformation.

In closing, as we gather to commemorate our accomplishments and mark the end of yet another academic year, let us draw inspiration from the ethos of excellence and resilience that characterizes our institution. May we persist in our pursuit of excellence in every endeavor and uphold our dedication to cultivating an atmosphere of innovation, inclusivity, and continuous learning. Wishing you all a memorable and fulfilling month ahead.

Warm regards,

International Women's Day

On 08.03.24, a motivational speech on 'தாயும் நீ... தலைவியும் நீ...' was conducted in Anantha Arangam at 10.00 a.m. on the occasion of International Women's Day. The programme commenced with the prayer song and Tamilthai Vazhthu by students followed by lighting the Kuthuvilakku by the dignitaries. S.Amrita of I B.Sc. C.S. 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. Smt. Mangai Natarajan, Correspondent of Paavai Educational Institutions, lit the lamp and felicitated the gathering.

The guest speaker, Poet Dr. Ilambirai in her special address said that all the students of Paavai have great qualities like humility, peace, mental strength and robustness which they have acquired through Women Empowerment programmes. She also said that evil acts are spreading like poison in the society and such programmes will be a crutch in students' future during their testing times. She reverberated that in the early days the society was matrilineal and also it is not uncommon for women to progress since social reformers like Mahakavi Subramania Bharathiar, Periyar, etc. created awareness among the people about women's freedom and rights earlier. She continued that the platform and progress seen today is all due to the struggle and progress of many women. She then stated that students should study and improve their thinking, strength, language, management and all their skills through proper training and create achievements, for which they need to spend more time. She further said that youth have to use 365 opportunities creatively found in 365 days and give importance to inner beauty, do good deeds and always be helpful to others. She insisted that women must bow travel like a river and rise up with peace, fighting spirit, standing firmly in the ideal, to make a difference in society as a whole. She then wished the students to be the 'Innovative Women' that Bharathi saw and become role models for others.

The programme came to an end with the vote of thanks delivered by V. Kokila of I B.Sc. C.S followed by the National Anthem.

Director-Administration of Paavai Educational Institutions Dr. K.K Ramasamy, Deans, Principals, Heads of various departments, Mr. M. Mohan Program Coordinator, and the staff members of Paavai Institutions graced the occasion by their presence.



Graduation Day I

Paavai Educational Institutions joyously celebrated the 18th Graduation Day, marking a significant milestone in its illustrious journey, on 09.03.24. Graduation day ceremonies are often filled with joy, pride, and a sense of accomplishment, creating lasting memories for everyone involved. The graduation ceremony started with a prayer song followed by Tamilthaivazithu. Smt.Mangai Natarajan, Correspondent, Paavai Educational Institutions along with the dignitaries lighted the Kuthuvilaku. The welcome address was given by Dr.K.K.Ramasamy, Director Administration, Paavai Educational Institutions. In the presidential address, Shri.CA.N.V.Natarajan, Chairman, Paavai Educational Institutions, stressed the importance of Paavai mantra, “Own our words and deeds” and about Paavai culture. ‘We challenge the changes, We seek beyond the best, Work shall be taken not to be given, We produce value added professionals and We lead to excel, prosper and conquer’.

Mr. Sougata Sen, Head of Campus Recruitment for Early Careers at Hexaware Technologies, and Dr. K. Narayanasamy, Vice Chancellor of The Tamil Nadu Dr. M.G.R. Medical University, Chennai, as esteemed chief guests, added a touch of distinction to the celebrations on both days. The Chief guest’s introduction was given by Dr.R.MohanaPriya, Associate Professor, Department of Electronics and Communication Engineering, Paavai Engineering College. In the graduation day address, Mr. Sougata Sen, Head of Hexaware Technologies, emphasized the importance of value-added education, fostering a positive attitude, meeting industrial demands, pushing boundaries, embracing new challenges, and finding purpose in work.

Over 750 graduands from Paavai Engineering College and Paavai College of Education received their degree certificates, with the top performers awarded with gold coins for their exceptional academic achievements.

The vote of thanks was given by Dr.M.Premkumar, Principal, Paavai Engineering College on 09.03.24. The Vice Chairman, Secretary, Treasurer, Joint Secretary, Director – Admissions, Principals, Deans, Head of various departments, faculty members, Special invitees, Guests, Parents, Graduands, Press, and media were a part of the graduation ceremony.



Graduation Day II

Paavai Educational Institutions merrily celebrated the 18th Graduation Day, marking a significant milestone in its illustrious journey, on 10.03.24. Graduation day ceremonies are often filled with joy, pride, and a sense of accomplishment, creating lasting memories for everyone involved. The graduation ceremony started with a prayer song followed by Tamilthaivazithu. Smt.Mangai Natarajan, Correspondent, Paavai Educational Institutions along with the dignitaries lighted the Kuthuvilaku. The welcome address was given by Dr.K.K.Ramasamy, Director Administration, Paavai Educational Institutions. In the presidential address, Shri.CA.N.V.Natarajan, Chairman, Paavai Educational Institutions, stressed the importance of Paavai mantra “Own our words and deeds” and about Paavai culture. ‘We challenge the changes, We seek beyond the best, Work shall be taken not to be given, We produce value added professionals and We lead to excel, prosper and conquer’.

The Vice Chancellor, Dr. K. Narayanasamy, recalled the quote of Nelson Mandela – “Education is the most powerful weapon which you can use to change the world.” which underscores the transformative power of education in shaping individuals and societies, emphasizing its ability to bring about positive change and progress. Furthermore, he expanded SUCCESS – See your goal, Understand your obstacles, Create a positive mental picture, Clear your mind from self-doubts, Embrace the challenges, Stay on the track and Show the world you can do it. Both the distinguished guests delivered truly inspiring addresses that ignited the passion and curiosity of our young minds.

Over 750 graduands from Paavai College of Engineering, Pavai College of Technology, Pavai Arts and Science College for Women, Paavai College of Pharmacy and Research, Paavai College of Nursing and Research received their degree certificates, with the top performers awarded with gold coins for their exceptional academic achievements. Heartfelt Congratulations !!! to our graduates on this momentous occasion as we fondly reminisce the invaluable experiences, knowledge, and connections cultivated throughout their educational journey. The vote of thanks was given by Dr.A.Immanuel, Principal, Paavai College of Engineering on 10.03.2024. The Vice Chairman, Secretary, Treasurer, Joint Secretary, Director – Admissions, Principals, Deans, Head of various departments, faculty members, Special invitees, Guests, Parents, Graduands, Press, and media were a part of the graduation ceremony.



ASTRA 2024

‘ASTRA 2024’ – A two day intra-collegiate cultural extravaganza was organized by Paavai Educational Institutions under the student activity forum AURA and SPARISM on 14.03.24 and 15.03.24 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’24, Engineering students of Paavai Institutions were grouped as three teams namely Paavai Warriors, Paavai Troopers and Paavai Crusaders. Chairman CA. N.V. Natarajan presided over the inaugural function, Inaugurated ‘Astra’24’ and delivered the presidential address. In his presidential address, he stated that Astra’24 serves as a platform to improve their skills and interest towards leadership, organizational 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 type of cultural fest will encourage and motivate younger minds to overcome fear and hesitation. ASTRA’24 was designed with a total of 40+ grand events grouped under 12 categories like Dance, Music, Let’s Talk, Dramatics, Tamil forum, Fashion Runway, Art Attack, Fireless Cooking, Mega Rangoli, Sports events etc . These events were conducted to prove students’ strength and unity in this competitive cultural environment.

Prelude for ASTRA'24 was given by Ms.V.Shanmathi, IV B.E-ECE and Mr. Neeraj, II B.E-BME. Smt. Mangai Natarajan, Correspondent, Paavai Institutions felicitated the gathering.



In the day 2 of ASTRA'24, held on 15.03.24 events were grouped under 12 categories like Dance, Let's Talk, Dramatics, Quiz, Tamil forum, Art Attack, Fireless Cooking, Sports events. Students enthusiastically participated and prizes were announced for the winners. In the valedictory function, Ar. Avanti Natarajan, Director Student Affairs cum ASTRA Convener welcomed the gathering. Super Singer fame Singer Maalavika Sundar and band performed live singing on the title Isaiyum Nilavozhiyum for about around two and a half an hour in the Kalpana Chawla open theatre in front of a large gathering of students and faculty members of Paavai Institutions. Smt. Mangai Natarajan, Correspondent, Paavai Institutions felicitated the gathering.



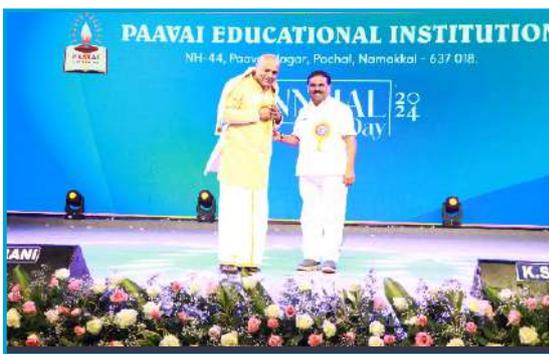
Annual Day-2024

The Annual Day 2024¹ at Paavai Educational Institutions unfolded on 16.03.24 in a spectacular fashion, drawing a crowd of approximately 12,000 students and parents. Such festivities hold substantial importance in enhancing the collegiate journey, nurturing a feeling of camaraderie and dignity, while also serving as a forum for communal advancement and progress. It commenced with prayer song followed by Tamilthaivazithu. The combined annual report of Paavai Educational Institutions for the academic year 2023-2024 was presented through an audio visual by Dr.M.PremKumar, Principal, Paavai Engineering College.

Shri. CA. N. V. Natarajan, the Chairman of Paavai Educational Institutions, emphasized the paramount significance of education and the vital practice of goal setting among the student community. Reflecting on past experiences, he fondly recounted the Alumni meet held in the USA, where former students lauded the institution for nurturing their decision-making abilities. Expressing gratitude, he commended the dedicated efforts of both the teaching staff and students of Paavai for their unwavering commitment, which significantly contributed to the resounding success of the cultural festival ASTRA.

Followed with it, the Chief Guest introduction was presented through an audio visual by Dr.R.Mohanapriya, Associate Professor, ECE. Mr.Rajendran Dandapani, Business Solutions Evangelist, Zoho Corporation and President, Zoho Schools of Learning was the chief guest. In the keynote address, he stressed the importance of keen observation of one's surroundings, understanding the scientific principles underpinning creative thinking, avoiding becoming overly reliant on data, and emphasized John Maxwell's renowned quote, "When was the last time you did something for the first time?" He also highlighted the significance of forging connections as a fertile ground for generating ideas, fostering a mindset of continuous learning, and dedicated pursuit of goals.

Subsequently, commendations were bestowed upon exceptional students for their outstanding achievements throughout the year. This was succeeded by a cultural extravaganza comprising of 40 events featuring a medley of diverse melodies depicting the journey of Paavai students intertwined with jubilation. The expression of gratitude was conveyed by Smt.Mangai Natarajan, Correspondent of Paavai Educational Institutions. The function was attended by Paavai Educational Institutions Administrators – Vice Chairman, Secretary, Joint Secretary, Treasurer, Director Admissions, Director Admissions, Director -Paavai Group of Schools, Deans, Principals, Heads of the departments, Press and media, parents, and students.



A one day National Conference on Unlocking Treasures: Exploring English Language, Literature and Teaching

Paavai Engineering College in association with Pavai arts and Science College for Women hosted a remarkable Conference titled 'Unlocking Treasures: Exploring English Literature, Language, and Teaching' on 27.03.24. The event commenced with a Prayer Song and Tamil Thai Vazhthu followed by lighting the Kuthuvilakku by the dignitaries. Ms.B.Janani, I MA English, PASCW welcomed the gathering and the introduction of the chief guest, given by Ms. S. Devadharshini, III CSE, PEC. CA.N.V. Natarajan, Chairman, Paavai Institutions presided over the function. The Chairman honoured the chief guest, Dr. S. Jerald Sagaya Nathan, Professor, Dept. of English, St. Joseph's College, Trichy with a shawl and memento and presided over the function. In his presidential address, the Chairman expressed that the conference provided a platform for scholars, educators, and enthusiasts to delve into various aspects of English Language and Literature. Besides, he stressed the importance of English Language in this globalising world and the necessity of speaking it effectively. Around 200 participants, including 40 presenters across India, the event aimed to foster insightful discussions and exchanges.

The conference featured a rich array of presentations covering a wide spectrum of topics within the realms of English Literature, Language, and Teaching. Among the presenters were four scholars from Kolkata, affiliated to Brainware University, West Bengal whose presentations offered profound insights into various facets of English studies. Their contributions added depth and richness to the discourse, reflecting the intellectual rigor and innovative approaches fostered at their institution.

The chief guest Dr.Jerald emphasized the need for innovative teaching methodologies to foster critical thinking and cultural understanding. His insight underscored the significance of language acquisition and literary analysis in shaping well-rounded individuals. His words resonated deeply, igniting a passion for unlocking the treasures of English literature and language.

Throughout the sessions, attendees actively engaged with the presentations, exchanging ideas and perspectives. The lively discussions that ensued allowed for a deeper exploration of the themes and methodologies presented. Participants from diverse backgrounds benefited from the array of topics discussed, gaining new insights and perspectives that enriched their understanding of English Language and Literature.

Dr.Preethi Tewari, Professor, Dept. of English, Llyod Law College, New Delhi (NCR) was the keynote speaker for the afternoon session. The chief guest in her keynote address, provided valuable insights into the significance of English studies in contemporary society. She emphasized the need for innovative approaches to teaching and learning English, highlighting its role in fostering critical thinking and cultural understanding. Her address served as a guiding beacon for educators and scholars alike, inspiring a renewed commitment to excellence in English education.

The conference at Paavai Institutions was a resounding success, bringing together scholars, educators, and enthusiasts to explore into the rich tapestry of English studies. With insightful presentations, engaging discussions, and invaluable networking opportunities, the conference served as a catalyst for intellectual exchange and collaboration. As participants departed with enriched perspectives and renewed enthusiasm, the event left an indelible mark on the landscape of English language and literature education in India.

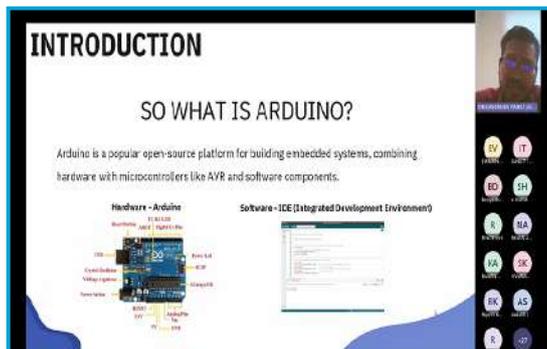


ACADEMIC EVENTS

The Department of EEE & Energy Club, PEC, has scheduled 'student activities' on 04.03.24 and 05.03.24, at T112 and T211. The students discussed a variety of subjects in their oral presentations, such as sodium-ion batteries: the revolution in renewable energy storage, e-vehicles etc., The student participants' cooperation, communication, and idea-presenting skills in a group environment were evaluated through group discussions.



The department of ECE and Institution of Engineers (India), PEC, has organized a one day webinar on 'Real Time Applications of Arduino Microcontroller' on 06.03.24. The guest speaker Dr.Kanendra Naidu, Senior Lecturer, School of Electrical Engineering, University Teknologi MARA, Malaysia offered participants a comprehensive understanding of Arduino technology, from its basic concepts to advanced project implementations. The session was informative and interactive.



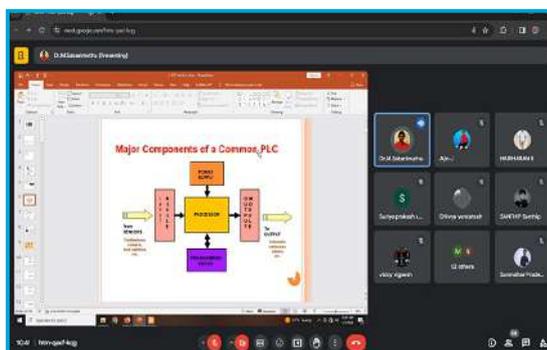
In PCNR, 122nd Birth Anniversary of Prof.M.L. Schroff as Pharma Anveshan 2024 as National Pharmacy Education Day Theme on 'Leveraging synergism' dated 05.03.24. The Pharmacy council of India, New Delhi instructed all the Pharmacy colleges in India to conduct the National Pharmacy Education Day to remember Prof. Mahadeva Lal Schroff's contributions for establishing the Pharmacy Education in India. The students found the session engaging, informative and collaborative.



A seminar on the topic 'Design innovation for successful career in the fields of Aeronautics, Space and Defence for Aeronautical Engineers' was organized by the department of Aeronautical Engineering in association with Aeronautical Sector Skill council on 06.03.24. The guest speaker Mr.Dhanish Abdul Khader, Space system Engineer (Analytics), SS Technologies, Bangalore, introduced students to the latest career advancements in software of Aeronautics, Space, and Defence.



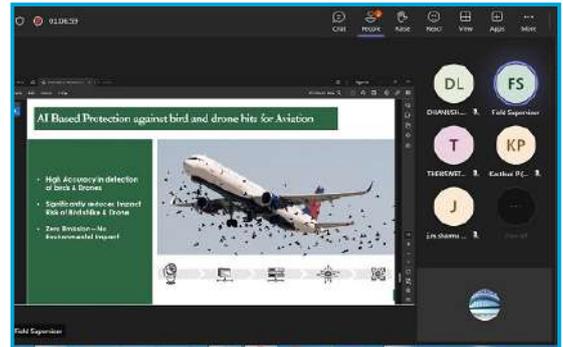
The department of Mechatronics Engineering organized a one-day workshop through online titled on 'Industrial Automation –PLC&SCADA' on 07.03.24. The guest speaker Dr.M.Sabarimuthu, AP, KEC, Perundurai, aimed to provide participants with a better understanding of the Industrial Automation & Latest technologies that are being used to achieve industrial automation. The idea of organizing this workshop is to inculcate the basic fundamentals of automation in the students and provide them with a platform to work on, In The Near Future.



The CFS organized a Guest Speech on 'Motivation towards Higher Education Overseas' on 07.03.24. The program was conducted with an idea of motivating the students to do higher studies in foreign universities, as per the level of financial background/merit and help them to get all the required information beforehand to prepare for education overseas. Ms. K.Vasuki - Operations Manager and Ms. A. Divya - Client Relationship Manager, both from Payana Overseas Solutions, Erode were the guest speakers.



A one-day Technical Webinar on the title 'Modern Technology in Forestation and Eco-System Restoration' was organized by the department of Civil Engineering in association with Environmental Club & PCEA, PEC on 08.03.24. The resource speaker Er.Vineeth Vinod, M.Tech., Environmental Engineer, Yadgreen, Saudi Arabia, briefed about the 'Technology' that were used for the mega project 'Mangrove restoration' in Saudi Arabia. The students were given information about the job opportunities for fresher's in Saudi Arabia.



Paavai Institutions organized a Drug Awareness Programme on 09.03.24. The event featured a special address by Mr. S. Durgaisamy, Sub-Inspector of Police, Prohibition Enforcement Wing, Namakkal, shedding light on the adverse effects and challenges associated with drug consumption. Mr. S. Sathish Kumar, District Child Protection Officer, provided a comprehensive presentation on drug awareness. He emphasized the multifaceted risks associated with drug abuse, including physical, mental, and social consequences.



The Alumni Association Cell of PEC organized the Reunion Alumni Meet for the 2022 passed-out batch on 09.03.24. Our alumni students shared their memories and experiences during their college life. They also discussed their career development, entrepreneurship, work-life balance, industry trends, leadership, communication, project management and others. These alumni reunions served as a platform for fostering connections and supporting continued growth and success of both individual alumni and the Institution as a whole.



A guest Lecture on 'Recent Manufacturing Methodologies and Opportunities' was organized by the department of Mechanical Engineering and Resource club on 08.03.24. The resource speaker Mr. Antony Raja SBU-HEAD, Apollo tyres, Chennai, imparted basic knowledge on manufacturing techniques and stressed the importance of seizing the opportunity to update knowledge in manufacturing and production techniques for enhanced efficiency.



A one-day Guest Lecture on the title 'Building Drawing Using Revit Architecture' was organized by the department of Civil Engineering in association with PCEA, PEC, on 11.03.24. Er.E.Shankar Sengottaiyan, M.E.,NITSD (TNSDC Trainer), Administrative officer, ETS Academy, Erode was the guest speaker. He briefed about the various software like Stekch up, Rhino, E-tabs, Tekla, live sketch, Revit architecture, blender software and also explained about VASTHU.



The Department of CSE in association with CSI & Software Development and Information Management Club organised a Guest Lecture on the topic 'Empowering Insights: The Role of Data Analytics in Driving Success' on 12.03.24. The guest speaker Mr.S.A.Manikandan, Lead Product Support Engineer, Sprinklr, Inc. Bangalore, commenced the session with an introduction to the concept of data analytics, emphasizing its importance in today's data-driven world. Participants gained valuable insights into harnessing the power of data analytics.



Alumni Guest lecture titled 'Career opportunities & Recent Trends in IT Industry' on 16.03.24. organized by the department of MCTS Engineering, PEC. The resource speaker Mr. M.Praveenkumar, Software Engineer (QA), Botree Software Pvt Ltd, Chennai, gave introduction about the various opportunities in IT sector. He explained about information related to AI & Machine Learning, Cloud Computing, Data Science & Data Analytics, Programming, Cyber Security, Mobile App Development, Networking and Virtual Reality.



The Department of Management studies, PEC organized a seminar on 'Time Management in Defense Projects' on 19.03.24. The guest speaker Dr. Devarajan Gopal, Scientist, Defense Research & Development Organisation, New Delhi started the session by sharing his experience of working with many scientist in DRDO. The session was more informative which made the students become aware of managing time in their projects. He stated the importance of time management and opportunities in Defense field.



The Department of CSE in association with Infosys Campus Connect organised a 'Briefing session on Infosys Springboard's New UI' on 20.03.24. The resource speaker Mr.B.Deepak, Trainer, Infosys Springboard, Bangalore, commenced the session with an introduction to the purpose of the briefing session, emphasizing the importance of understanding the enhancements brought by the new UI and discussed how the certifications can enhance job prospects, increase earning potential, and open up career advancement opportunities.



The NSS in association with the department of Management Studies, PEC, organized a seminar on 'World Consumer Day Lecture on promoting Consumer Legal Awareness Development' on 20.03.24. The resource person of the day Dr.V.Ramaraj, President, (District Judge super Time Scale), District Consumer Disputes Redressal Commission, Namakkal, started the session highlighting the essentials of consumer rights, which every individual should be aware of and also briefed about the online case hearings.



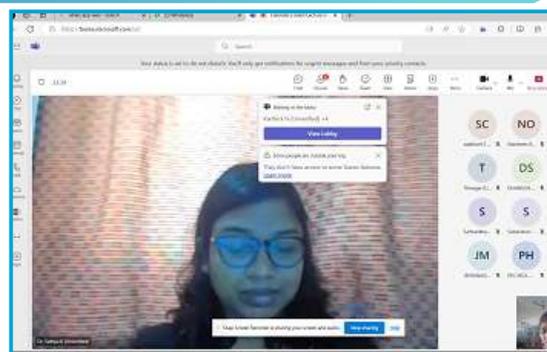
The Electronics club of the department of ECE in association with IIC, IEL (Salem) and IETE Jointly organized a department Level Ideation Contest TECHNOVA '24 on 23.03.24. The Objective was to encourage students to come up with creative ideas and assist them in turning those ideas into presentations. The main goal of conducting a presentation of a project will have various outcomes and students will likely be evaluated on their presentation skills, technical knowledge, problem solving abilities and the quality of their projects.



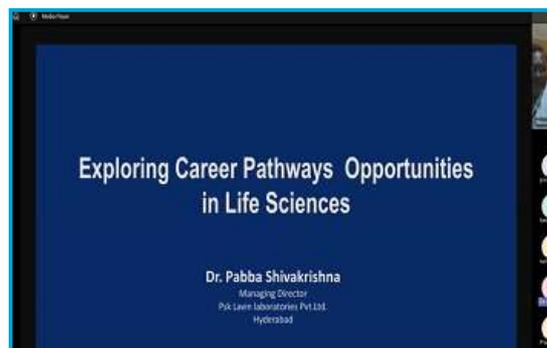
The department of AI&ML has organized a guest lecture titled 'Data Science in AI' on 23.03.24 through online mode. The speaker Mrs. Dharani Ramesh, HR Manager Rapid Acceleration partner, Chennai, delivered a lecture which focused on latest updates in the field of AI. She also discussed the expectation of the Industry in the current scenario and also resume preparation. Students actively participated with a lot of queries related to getting a job in IT industry.



The department of Cyber Security and MCA in association with IIC, PEC, EDC & the Institution of Engineers (India) organized a Guest lecture on Building Scalable Web Apps with React on 27.03.24. Dr. K.Sathya Associate Professor, Department of Database Systems, VIT, Vellore was the resource person. The speaker emphasized that React is one of the libraries and frameworks that is easy to get started with. The session was highly informative.



The department of BT, PEC, conducted a guest lecture on the topic 'Exploring Career Pathways: Opportunities in Life Sciences' with a comprehensive overview of the diverse career paths available in this dynamic field on 27.03.24. The resource person Dr. Shivakrishna Pabba, Managing Director, Lavin Laboratories, Telangana empowered the session featured with enriched speaker's expertise from various sectors including academia, pharmaceuticals, BT and healthcare.



The department of CSE(IOT), PEC, organized a guest lecture on the topic 'Social Engineering Attacks and it's Prevention' on 27.03.24. The objective of this guest lecture was to create a awareness about the social engineering attacks are been made and how to prevent ourselves from those attacks. The speaker Dr.T.Gnanaprakasam Thangavel, Professor, CSE Alliance University, Bangalore, commenced the session with an introduction to the concept of social engineering that is driven in the world.



The department of Management studies, PEC, organized a work shop on 'Statistical Packages for Social Sciences (SPSS)' on 28.03.24. The guest speaker Dr.D.DILIP, Senior and Area Chair Operations Division, VIT Business School, Vellore made the session more informative about statistical calculations and project works. Next half of the session was handed over to Dr. MAMILLA RAJESH, Professor/Head MBA, VIT Business School, Vellore. His focus area was correlation and regression and chi-square.



The Institution of Engineers (India) and department of IT, PEC jointly organized a one day guest lecture on 'Fisherman Exploitation Analysis using Computer Vision' dated 28.03.24. Dr.M.Premkumar, Principal, PEC, explained the importance of this guest Lecture. Dr.P.Karthikeyan, Professor, The School of Computer Science and Engineering, RV University, Bangalore, was the chief guest. He explained briefly about the vast knowledge that he gained in the field of computer science to uplift the society and assist the downtrodden for their better living and developed India.



SOCIAL SENSITIVITY

As a part of TQI ULLAS Confluence 2024, 14 volunteers from PEC & PCE attended on 09.03.24 & 10.03.24 at Intellect Design Arena Sirucheru Chennai. This confluence paved a way for the volunteers to interact with other TQI teams from all over Tamil Nadu, our volunteers presented the annual report through gallery walk. This confluence led the volunteers to find solution for their difficulties in completing their summit session which can be implemented in the next academic year.



In the TQI ULLAS Confluence 2024 was held at Intellect Design Arena Sirucherai Chennai on 09.03.24 & 10.03.24 Roshan Kumar V SPOC of Namakkal team (Paavai TQI) has been awarded the best SPOC in the year 2023-24 among 24 other SPOC's from all over Tamil Nadu for his excellence in fulfilling his responsibilities and team management. He has been awarded by Mr. Arun Jain Managing director and of Intellect Design Arena along with the TQI founder, programme manager and project manager.



During the TQI ULLAS event at Intellect Design Arena in Sirucherai, Chennai on 09.03.24 and 10.03.24, two volunteers from PEC, Roshan Kumar and Hari Haran, displayed their talents as part of the TQI media team. They played a key role in creating the Voice of TQI book, a significant publication launched during the event. Their exceptional contributions were recognized during the book's unveiling, where they were praised for their dedication and skills.



Safa Faren, a student at PEC, was chosen to lead the project team at the TQI ULLAS event held at Intellect Design Arena in Sirucherai, Chennai on 10.03.24. Her coordination in compiling and distributing the report highlighted her commitment to promoting transparency and accountability within the TQI community. Safa's dedication and proficiency in managing this important task at the event demonstrated the high level of talent and leadership qualities fostered at Paavai Engineering College.



Paavai Engineering College, National Service Scheme, 10 volunteers provided volunteership on 22.03.24 for Hundial amount counting at Aliya Elangai Amman Kovil, Namakkal along with the Officers from Department of Hindu Charities, Namakkal and Kovil Members.



On behalf of PASCW, Special camp of NSS was held from 22.02.24 to 06.03.24 at Kolinchipatti Library. Dr.S.Sathish, NSS Co-ordinator, Periyar University, Salem inaugurated the special camp. Panchayat President of Kurukkapuram Mr.P.Govindharaj, in his special speech expressed his gratitude for selecting Kurukkapuram for social service. The guest speaker Dr. E.G.Wesley, Assistant Professor of Botany, AAGAC delivered his special speech on 'The Effects of Beauty Products'.



National Service Scheme, Paavai Engineering College, Namakkal, 10 NSS volunteers helped and supported on 23.03.24 for re-arranging the things at ISKCON Temple, Salem.



The NSS of PEC in association with Ekam Foundation and Nehru Yuva Kendra, NKL, organized a rally on "Intensive Voter's Awareness Campaign SVEEP-2024" on 26.03.24 to raise awareness about ethical voting and Systematic Voter's Education and Electoral Participation (SVEEP) initiative. The NSS volunteers participated in the rally with caption banners and awareness messages and they distributed voters invitations and pamphlets to the students. The voter's pledge was administered in the event to emphasize the importance of voting.



TQI Sangamam 2024 was held on 29,30,31.03.24. 9 volunteers from Paavai Institutions attended the event representing the Namakkal Cluster teams. These 3 days has been a wonderful planning session for the volunteers where they can utilize the sources of many persons they met in the Sangamam. Totally 9 clusters from Tamil Nadu who was a part of Student Holistic Development Program 2024 have attended it. They all together formulated the plans for the next academic year.



Faculty Journal Publications and Patents

Name of the Faculty with designation	Journal Name / Patent	Title of the Journal / Patent/ Article	Reference No.
Dr. V. Ravindra Krishna Chandar AP-CSE, PEC	Journal of Intelligent & Fuzzy Systems	Deep iterative fuzzy pooling in unmanned robotics and autonomous systems for Cyber-Physical systems	Volume. 46, No. 2, pp. 4621-4639, 2024, DOI:10.3233/JIFS-235721 ISSN :1875-8967
K.Sudha Devi, ASP-CSE, PEC	Journal of Emerging Technologies and Innovative Research (JETIR)	An Efficient Block chain Assisted Similarity Search on Cloud Images	An Efficient Block chain Assisted Similarity Search on Cloud Images
Mr.R.Logarasu AP-ECE, PEC	Journal of Intelligent systems and internet of Things	Automated EEG Based Emotion Detection using Bonobo Optimizer with Deep Learning on Human Computer Interaction	ISSN(Online): 2690-6791 ISSN(Online): 2769-786X

Name of the Faculty with designation	Journal Name / Patent	Title of the Journal / Patent/ Article	Reference No.
Dr.G.Balaji, Prof.- EEE, PEC Mr.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
Dr.D.Boopathi, AP-EEE, PEC Dr.K.Jagatheesan ASP-EEE, PEC	IEEE	Mayfly Algorithm optimized FOPID Regulator for Frequency Improvement in Wind Power Systems	DOI: 10449994
Dr.B.Dhevahi, Prof.-Pharma, PEC V,Vijayakumar AP-Pharma, PEC	Research and Reviews in Nanotechnology, Vol II	Nanotechnology advancements: biosynthesis routes, characterization and biomedical applications of zinc oxide nanoparticles	978-93-95847-01-8
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
Dr.K.Kavitha AP-BIO TECH, PEC	Surfaces and Interfaces Science Direct	Mechanically Robust Hydroxyapatite/Graphene Nanocomposites: Non-Apoptotic Acute Toxicity Evaluation in Wistar Rats with Enhanced Bone Regeneration	SURFIN-D-24-01815-Submissions with Editor
Dr.K.Kavitha AP-BIO TECH, PEC	Molecular Biology Reports Springer Journal	Exploring the Biocompatibility and Healing activity of Actinobacterial-Enhanced Reduced Nano-Graphene Oxide in in vitro and in vivo model and induce bone	Under review- Submission ID 2458ac4e-283a-4f23-b3ce-f6ce003652b3
R. Murugesan Prof.-CSE, PCE	IEEE Xplore Conference	An Efficient Task of Flooding Mechanism using Genetic Operator Adaptive Firefly Algorithm (GOAFA) in an Edge – Cloud Environment	doi: 10.1109/ ICSES60034. 2023.10465584
B.M.Brinda AP-CSE, PCE K.Srinivasan AP-CSE, PCE	International Conference on AIML Applications (AIMLA 2024), KSR College of Technology	Applying Deep Neural Networks and Natural Language Processing Techniques for sentiment analysis in Social media data	doi: 10.1109/ ICSES60034. 2023.10465584

FACULTY AND STUDENTS BOOK PUBLICATIONS AND PATENTS

Name of the Faculty with Designation and Student	Title of the Book	Name of the Publication	Reference No.
Dr.D.Boopathi, AP-EEE, PEC Dr.K.Jagatheesan ASP-EEE, PEC	Application of Ant Colony Optimizer in Thermal Power System for Frequency Management	Springer	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	978-981-10-6915-4
Dr. J. Senthil, ASP-FT, PEC M. Kiruthika IV-FT, PEC J. Ranjana IV-FT, PEC U. Neelavathi IV-FT, PEC	Hybridization: Detailed Review	Bhumi Publications	978-93-95847-47-6
Dr. J. Senthil, ASP-FT, PEC S,Jagadeshwari IV-FT, PEC A,Priya IV-FT, PEC S,Rajashimman IV-FT, PEC	Functional Foods and Fortified Nutraceuticals	Bhumi Publications	978-93-95847-59-9
Ms. V. Thabitha Zelin Rachel AP-FT, PEC Dharshani SM, IV-FT, PEC Sai Sudharsanan S R IV-FT, PEC	The Review Of Indian Herb 'Catharanthus Roseus' Effectiveness Abstract: Roseus. In Cancer Treatment	Bhumi Publications	978-93-95847-47-6
Dr. J. Senthil, ASP-FT, PEC Anjasha Juhi IV-FT, PEC G, Priya A IV-FT, PEC Rajashimman S IV-FT, PEC	Genetically Modified Animals - Potential Benefits and Ethical Issues	Bhumi Publications	978-93-95847-98-8

Name of the Faculty with Designation and Student	Title of the Book	Name of the Publication	Reference No.
V. Thabitha Zelin Rachel Arul Jothi.M.S IV-FT, PEC Heamshree.P IV-FT, PEC Janane. T.I IV-FT, PEC Kanishka.K IV-FT, PEC	ComparativeAnalysis: Plant-BasedVS.Non- Plant-Basedfood products	Bhumi Publications	9768-93-95847-74-2
S. Gowtham Kumar AP-FT, PEC Indhu M, IV-FT, PEC M. Keerthika, IV-FT, PEC D.Pushparaj IV-FT, PEC	Soybean Breeding For Abiotic Stress Tolerance: Towards Sustainable Agriculture	Bhumi Publications	978-93-95847-59-9
S. Gowtham Kumar, AP-FT, PEC Dinesh N IV-FT, PEC Gladish Vincy D IV-FT, PEC Silambarasan P IV-FT, PEC	Exploring The Medicinal Potential: Cadaba Fruticosa Lea Ves	Bhumi Publications	9768-93-95847-74-2
S. Gowtham Kumar AP-FT, PEC Dharshani S.M IV-FT, PEC Sai Sudharsanan S R IV-FT, PEC	The Advancement of 3D Food Printing Technology: A Review	Bhumi Publications	978-93-95847-47-6
Anita S AP-FT, PEC Lokeshwari A. B IV-FT, PEC Sindhiya P. M IV-FT, PEC Mani Sharma D IV-FT, PEC	Advances Transforming Agriculture Sciences	Bhumi Publications	9768-93-95847-74-2
M.D.S Rajaruban AP-FT, PEC P. Shanthini, IV-FT, PEC G.K. Thirisha Bharathi IV-FT, PEC	Unveiling the synergistic effect of <i>Couroupita guianensas</i>	Bhumi Publications	978-93-95847-47-6

Name of the Faculty with Designation and Student			
Dr. J. Senthil, AP-FT, PEC Harini Suvetha M IV-FT, PEC Joewin X IV-FT, PEC Vengatesh R IV-FT, PEC Dinesh Suriya B IV-FT, PEC	Sensory Evaluation and Food Safety	Akinik Publications	-
Dr.C. Nirmala ASP-BIO TECH, PEC	Value Added Products from Food Waste- Springer, International (Book Chapter)	Keratinase: A Futuristic Green Catalyst and Potential Applications	Online ISBN978-3-031 -48143-7
C.Vanaja ASP-ECE, PEC K.Prasanna Mery AP-ECE, PEC	AI Based Antenna for Biomedical Applications	Keratinase: A Futuristic Green Catalyst and Potential Applications	Online ISBN978-3-031 -48143-7

Faculty Journal Publications and Patents

Name of the Faculty with designation	Journal Name / Patent	Title of the Journal / Patent/ Article	Reference No.
C.Vanaja ASP-ECE, PEC K.Prasanna Mery AP-ECE, PEC	AI Based Antenna for Biomedical Applications	Patent	Design No: 405162-001
Mr.S.Loganathan AP-ECE, PEC	AI Based Deice for Measuring Nerve Damage due to Diabetic Neuropath	Patent	Design No: 404633-001
C.Vanaja ASP-ECE, PEC K.Prasanna Mery AP-ECE, PEC	AI Based Antenna for Biomedical Applications	Patent	Design No: 405162-001
Mr.S.Loganathan AP-ECE, PEC	AI Based Deice for Measuring Nerve Damage due to Diabetic Neuropath	Patent	Design No: 404633-001
Ms. V Thabitha Zelin Rachel, AP-ECE, PEC	Formulation of a carbonated health drink using <i>Ixora coccinea</i>	Patent	202441011332 A

**'The purpose of education is to make good human beings with skill and expertise'.
-APJ Abdul Kalam**

PLAGIARISM - Plaguing the minds of Researchers

Plagiarism: Committee on Publication Ethics (COPE) defines plagiarism as: “When somebody presents the work of others (data, words or theories) as if they were his/her own and without proper acknowledgment. This can include: Abstracts, Seminar presentations, Laboratory reports, Thesis or dissertation, Research proposals, Computer programs, Online posts, Grey literature and even Unpublished or published manuscripts. The use of any such material either directly or indirectly should be properly acknowledged in all instances by citing the sources.



Plagiarism of ideas: It refers to ‘Appropriating someone else’s idea (e.g., an explanation, a theory, a conclusion, a hypothesis, a metaphor) in whole or in part, or with superficial modifications without giving credit to its originator.’

Why does detection of plagiarism matter?

Trust and integrity are among what readers value the most in scholarly peer-reviewed journal content. When plagiarism has been detected in a journal article it places doubt in that trust, because if an author is prepared to mislead readers about how they came across their material, how can you really be certain of the scientific rigor in the rest of their work? Readers should be able to distinguish what is and isn't original in a journal article. Authors should be properly credited for their work if that work is being re-used in another's article. This is in accordance with international copyright laws and ethical conduct guidelines.

What are the different types of plagiarism?

In addition to the direct copying of text, with or without paraphrasing, from a single source without proper acknowledgement, the common types of plagiarism are:

Mosaic plagiarism (patchwork plagiarism)

This is when text is lifted from a few different sources (which may include your own previous work) and put into your manuscript to create the impression of new text. This includes rewording pieces of sourced material while keeping the structure/syntax of the original texts.

Self-plagiarism/ text-recycling

This is the redundant reuse of your own work (e.g., text, data, and images), including text translated from another language, usually without proper citation. It creates repetition in the academic literature and can skew meta-analyses if you publish the same sets of data multiple times as ‘new’ data. Two forms of self-plagiarism include:

- **Redundant/ duplicate publication:** is the publication of what is essentially the same paper in more than one journal, but without indication that the paper has been previously published elsewhere.
- **Salami Slicing (salami publication):** is the segmentation of a large study which should have been reported in a single paper into smaller published studies. Other types of plagiarism also exist. What they all have in common is that there is a lack of transparency to the original source of the material which has been used in the manuscript.

When is it not plagiarism?

We recognize there can be legitimate reasons for overlap in some cases. For example, the following would not be considered plagiarism/ duplicate publication:

- Two manuscripts share very similar descriptions in the methods and the procedure is a commonly known standard procedure in the subject area.
- The similarity is found in the references section only of the manuscript.
- The overlap is with an earlier working version of the manuscript, deposited in a non-commercial preprint server, and you have informed the journal that this work has been previously posted on a preprint server (this is not considered duplicate publication according to preprints policy).

Journal policies may vary on including already published works and it is recommended that the journal's ‘instructions for authors’ should be consulted.

What happens when plagiarism is detected?

Any allegations of plagiarism or self-plagiarism/text-recycling made to a journal will be investigated by the editor of the journal following COPE guidelines. If the allegations appear to be found, the publisher will then contact all named authors of the paper and request an explanation of the overlapping material. We may ask Editorial Board members and the author's institution to assist in further evaluation of the paper and allegations.

The plagiarism of ideas can be the most difficult for a journal editor or publisher to be able to detect and validate. Investigations into this type of plagiarism will usually require the involvement of other parties, such as independent expert reviewers and/or institutions where the work was carried out.

Based on the investigation and reply from the author(s), the journal will decide how to proceed, using COPE flowcharts where applicable. This may result in the following actions being taken, depending on the nature and severity of the case:

- If a paper is still in peer review, it may be returned to the author with a request that they address the issues through appropriate citation, use of quote marks to identify direct quotes, or re-writing.
- If the similarity between the manuscripts is too extensive for revision, it may be rejected.
- If the paper is already published online, a correction*, expression of concern or retraction may be published.
- The author's institution may also be informed.

Note:*Please note that a correction can be published for minor similarities only where there is no misattribution or deliberate lack of attribution of work (e.g., to add in a missing full citation/ reference to the source material). A correction notice cannot be used to effectively 'fix' or rewrite the plagiarized sections.

How to avoid plagiarism?

When citing others' (or your own) previous work, please ensure you have:

1. Clearly marked quoted verbatim text from another source with quotation marks.
2. Attributed and referenced the source of the quotation clearly within the text and in the reference section.
3. Obtained permission from the original publisher and rights holder when using previously published figures or tables.
4. Read ORI's Tips for avoiding plagiarism in fographic, (<https://ori.hhs.gov/sites/default/files/2019-02/Tips%20for%20Avoiding%20Plagiarism.pdf>), which includes their '[28GuidelinesataGlanceon AvoidingPlagiarism](#)'.

Source: <https://authorservices.taylorandfrancis.com/editorial-policies/plagiarism>.

ENGLISH CORNER COLLOCATION

A collocation is a combination of words that are commonly used together. There are different types of collocation made from combinations of verb, noun, adjective etc. Some of the most common types are:

noun + verb	:	lion's roar
verb + noun	:	commit suicide
verb + expression with preposition	:	burst into tears

examples:

remote	sensor / control
annual	income / salary / turnover
fast	food / track / bowling / train
fertile	land / soil

valuable
heavy
national
safety
disgusting
major
devoted
affluent
drastic
pretty
speedy

goods / news
rain / traffic / load
anthem / seminar / bank / flag
measures / precaution / boat / belt
behavior / appearance / decision
operation / problem / subject
son / teacher / life
person / country
change / action / decision
girl / child / answer / amount
recovery / action

water / power / acute
print / electronic / mass / visual
wind / thermal / solar / nuclear
stinking / pleasant / sweet / pungent
serious / strict / violent / stringent
reference / wooden / synthetic / woolen
electronic / scientific
weather / survey / investigation / project
square / full / mini / mid-day
seriously / severely / badly
pleasant / shocking
proper / crisis / waste / disaster
neat / nice / fantastic / good
internal / personal
glaring / striking
complete / severe / heavy

shortage
media
energy
smell
action
material
equipment
report
meal
injured
surprise
management
performance
assessment
contrast
damage

HAVE	DO	MAKE
have a bath have a good time have a haircut have a holiday have sympathy	do the cooking do the housework do the shopping do the washing up do your hair	make a difference make a mess make a mistake make an effort make money
TAKE	BREAK	CATCH
take a break take a chance take a seat take a taxi take an exam	break a habit break a leg break a promise break a window break the ice	catch a ball catch a chill catch a cold catch fire catch the flu
PAY	SAVE	KEEP
pay attention pay cash pay interest pay someone a visit pay your respects	save electricity save energy save money save someone's life save time	keep a diary keep a promise keep a secret keep control keep in touch

Alumni Testimonial

PAAVAI ENGINEERING COLLEGE



V.SUTHIRVEL
B.E ECE, Batch - 2013- 2017
Senior test Engineer
HCL Technologies Ltd, 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 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.

In conclusion, my time at PEC has been transformative. Paavai Engineering College will always hold a special place in my heart as the foundation of my academic and personal success. I will always cherish my time at the institution and proudly carry the badge of a PEC alumnus throughout my career.

PAAVAI COLLEGE OF ENGINEERING



T.TAMIZHARASAN
B.E EEE, Batch - 2016- 2020
Secote Intelligente Manufacturing Pvt.Ltd
Chennai

I was a student of Electrical and Electronics Engineering Department. My college days are 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 learned 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 a part of such an institution.

PAVAI COLLEGE OF ARTS AND SCIENCE FOR WOMEN



P.GANGALAKSHMI, M.A, LLB
B.A English Batch - 2016- 2019
Practicing Advocate
Dharmapuri

I feel cherished and proud of being an Alumni of such a reputed and honourable Institution. The knowledge and experience gained here will be always helpful. Looking back at the three years that I spent in Pavai college, there are so many memories that come as a flashback. I had the pleasure of completing my graduation from Pavai Arts and College for women under the guidance of highly efficient Professors and Management.

I am really blessed to have such teachers and mentors in my life. Today where I am standing in the career path is the second level and it's too strong and bold. Just because the first level roots are nourished in a great way. Thank you for being the place where I discovered myself. Thank you for truly caring about the well-being of the students.

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 Multispecialty Corporate Hospital)