



# PAAVAI

EDUCATIONAL INSTITUTIONS

Think Education... Think Paavai.

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

# PAAVAI VOICE

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A MONTHLY BULLETIN

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## Chairman's message

Dear parents and students!  
Greetings from your Chairman!

Paavai Institutions has 25 years of renowned records and has established itself as presumed institute imparting knowledge to the learning community. I'm elated to share Paavai Voice, edition of February month with the achievements of the academic and non-academic events.

Paavai has staunch belief in education entrenched in creativity, morals, and scholarly inquisitiveness. It adheres to creative methodology in teaching and learning, with outcome based education, and strategical improvement of the students.

Research is a fundamental structure block of any course. It assists with growing new strategies and methods for educating and permits learners to investigate various themes and thoughts in a highly structured manner. Innovation is the investigation of logical information and expertise to devise devices that might be utilized to benefit the society. To focus on research, 'UiPath Academic Alliances Centre of Excellence' was inaugurated by Minister, Thiru. T. Mano Thangaraj, Department of Information Technology and Digital Services.

In addition, the relationship between Paavai Engineering College and Taiwan universities are continuing for internships, summer/winter programs, faculty/student exchange programs and higher studies. The initiative focuses on uplifting young talented vibrant technocrats to excel in their major shift from college into their careers.

Astra'23 a two day inter-collegiate cultural extravaganza was organized for the engineering college students of Paavai institutions on 22<sup>nd</sup> and 23<sup>rd</sup> February headed by Ar. Avanti Natarajan, Director Student Affairs. Astra'23 serves as a platform to shape their creativity and talents; encourages and motivates younger minds to overcome fear and hesitation and to improvise their leadership and organizational skills. Sristi '23 an intra-collegiate fest was celebrated on 15<sup>th</sup> and 16<sup>th</sup> february at Pavai Arts and Science College for Women with 32 fest events. Padmam an intercollegiate cultural competition was conducted for paramedical students on 9<sup>th</sup> & 10<sup>th</sup> February.

22<sup>nd</sup> Paavai Youth festival on National integration was celebrated at Paavai Educational Institutions on 03.02.23. More than 1,300 students from Higher Secondary and High school of Rasipuram, Namakkal and Salem participated in the celebration.

Paavai has consistently maintained and transmitted Goodness and Truth in its undertaking to give quality in advanced education. This institution has been instrumental in producing huge number of skilled community, in a great shape. I congratulate all the students, faculty, and non-faculty members of our institutions who constantly stir up for the best results towards the upliftment of the learning fraternity.

# Annual day '23

The Annual Day 2023 of Paavai Institutions was held in magnificently on March 11.03.23, in Kalpana Chawla Open Theatre. The event commenced with a prayer song followed by Tamil Thai Vazhthu. The combined annual report of Paavai Institutions was presented through an audio-visual by Dr.M. Premkumar, Principal, Paavai Engineering College. Shri.CA.N.V. Natarajan, Chairman, Paavai Institutions welcomed the gathering and presided over the function.



In the presidential address, the Chairman of Paavai Institutions stated that Paavai creates a path and acts as a platform for the students to become achievers and leaders in their life. He stressed that Empowerment in all aspects has led to the legacy of the Institution. He also shared his happiness in meeting all the 12,000 students through his goal setting programme to turn their dreams into reality and the faculty fraternity for teaching strategies sessions. He ended his talk with 'TCS' – Thanks, Congratulations and Sorry. He also commended the strenuous efforts of the students for their participation and the accolades they have bought to the Institution. The audiovisual of the Chief Guest, Mr.T. Sathish Kumar, Founder and Managing Director, Milky Mist Dairy Foods Private Limited, Erode, Tamil Nadu was presented.



In the keynote address, the Chief Guest shared his success story of how he became a successful industrialist by creating a niche in the history of his brand – 'Milky Mist', a 1500 crore turnover company. He elucidated his attachment towards milk products and his 30 years of dedicated business service. He explained about his world's largest paneer plant in Perundurai, the logistics, solar and wind energy plants. He also stated sustainability is the greatest challenge, innovations and developments must be made to face the challenges in a competitive environment. He insisted the students to Aim high and set their targets high. He stressed that time is essential, and students should gain more practical knowledge and be highly skilled to face the challenges ahead. He advocated that students use the social media like LinkedIn in a prospective way. He also propounded everyone to read the book Cold Steel: Lakshmi Mittal which explains the battle for a global empire.



Forty-five variegated cultural events were performed by the students that ornamented the annual day and it was indeed a professional show that captivated the eyes of the gathering. The best outgoing students of various departments of all Paavai Institutions were awarded. The vote of thanks was proposed by Smt.Mangai Natarajan, Correspondent of Paavai Institutions. The Vice-Chairman, Secretary, Treasurer, Joint Secretary, Directors of Paavai Institutions, Deans, Principals, guests, Professors, parents, and students graced the occasion.



## STRATEGY TO WIN Vyugam '23

On 23.3.23, Vyugam 23' – An intra-collegiate fest was celebrated at Paavai Polytechnic College. There were 26 events. The departments were divided into three groups namely Paavai Trishuls, Paavai chakras and Pavai Consorts. Solo Dance, Treasure Hunt, Wealth from Waste, Kavithai Ulagam, Mehendi, Dumb C, Reflection, Pencil Drawing, Group Dance, Fireless Cooking, Quiz, Face Painting, Origami, Lamp Design, Logo Design were conducted. Around 420 students took part in almost all events. Vyugam 23' laid a platform for young minds to expose their hidden talents. Students participated in almost all events with full potential and enthusiasm.



## Women's Day

On the occasion of International Women's Day, a motivational speech on 'பாதை வகுத்த பின்னர் பயந்தென்ன லாபம் பயணம் நடத்திவிடு உருவாகும் உன்னதம்' was conducted on 04.03.23. The programme commenced with the prayer song and Tamilthai Vazhthu by students followed by lighting the Kuthuvilakku by the dignitaries. Ms. Cherub Ebenezer of final year Computer Science Engineering welcomed the gathering. Shri.CA.N.V. Natarajan, the Chairman of Paavai Institutions honored the Guest Speaker with a shawl and memento and presided over the function. In his presidential address, he wished all the students to excel in their careers by choosing the right path and travel with confidence.



Ms. S. Sretharassene of final year ECE introduced the Guest Speaker Mrs. Vanjulavalli Sridhar, Chief Wildlife Warden and Conservator of Forests, Puducherry. The guest speaker in her keynote address stated that students should break down barriers and emerge as path creators in this women-centered, dependent society. She said that girls of Paavai should become experts in their field of interest, financially self-sufficient and undaunted enough to face society, by practicing virtues and good deeds at a young age. She also asserted that students have to be professional expertise in reading, be physically active, integrate the accumulated knowledge and work effectively to lay the foundation for the future and become progressive persons with knowledge in all fields. She then insisted they become financially self-sufficient and learn strategies and techniques to convey ideas to others in future workplaces, careers, and families with equities. She then wished them to outshine in every activity by breaking the inner fears and barriers in their heads, getting over personal trauma and being persistent and sheen among friends, family and society.

Smt.Mangai Natarajan, the Correspondent of Paavai Institutions felicitated the gathering. In her felicitation, she proclaimed that women of Paavai should adopt science in daily life to easily deal with life. She further said that the real purpose of education is to know oneself and be both physically and mentally well being. She appealed to the students to make use of empowerment programmes held in Paavai, which helps to understand the environs and expose them globally. She then wished the students to grow intellectually and bond emotionally achieving all success. The programme came to an end with the Vote of Thanks delivered by Ms.J. Soundharya of I M.A. English followed by the National Anthem. Deans, Principals, Heads of various departments and the staff members of Paavai Institutions graced the occasion with their presence.

## INDUSTRY 4.0

Paavai Institutions organized a technical conference on 'INDUSTRY 4.0' on 14.03.23 in Anandha Arangam. The event commenced with a Prayer song followed by Tamil Thai Vazhthu. Cherub Ebenezer from the Final year, CSE welcomed the gathering. Shri.CA.N.V. Natarajan, Chairman, Paavai Institutions presided over the function. In the presidential address, Chairman, Paavai Institutions insisted all the students get themselves updated with the latest technology developments in all arenas. Dr.M. Arumugam, Founder and Managing Director, Broadline Technologies Private Limited, Chennai was the Chief Guest. In the keynote address, he focused on the demographic dividend and the tremendous industrial growth of Tamil Nadu in all sectors.



He also cited that born leaders and brilliant contributors are from India and urbanization is at its best. He elucidated the evolution of Industry 4.0 right from 1.0 with steam engines, 2.0 with the advent and usage of electrical energy 3.0 with various Internet evolution, access and 4.0 with the digitalization of all activities.



He added that adaptability to innovation and technology development is the need of the hour. He also shared the various advancements and developments in different fields like the Internet of Things, Artificial Intelligence, Machine Learning, Deep Learning, Robotics, Cloud Computing, Software as Service and Manufacturing technology. He insisted all to understand the interdependency of Science, Engineering and Technology. He further advised the students to read journals and books of various genre to enhance their knowledge. He also added that deep learning of all courses must be done to make them industry fit. He further added that opportunities are unbound for all of us to make utmost. Follow with it, queries were posted by the students and were clarified by the Chief Guest. In the felicitation address, Smt.Mangai Natarajan, Correspondent, Paavai Institutions stressed that teaching and learning should happen simultaneously and insisted on the Pavaai mantra "Own your words and deeds". She added that education given to rural background students is to rule the world with their knowledge. She explained the importance of Interpreters, Compilers and Translators. She insisted everyone focus on their physical and mental well being for a happy life. Directors of Paavai Institutions, Deans, Principals, faculty members and around 1500 students attended the technical conference. The session was indeed an eye-opening session of various advancements in Industry 4.0

## Wall of Fame

### State Level 2<sup>nd</sup> prize in Gold Medal Contest 2022-2023 - Quiz



Mr.R.Suryaa, a final year student of Civil Engineering, PEC has been awarded a gold coin with a shield by the Federation of all Civil Engineers Associations of Tamil Nadu and Puducherry on 28.03.23 at Tirunelveli.

## ACADEMIC EVENTS

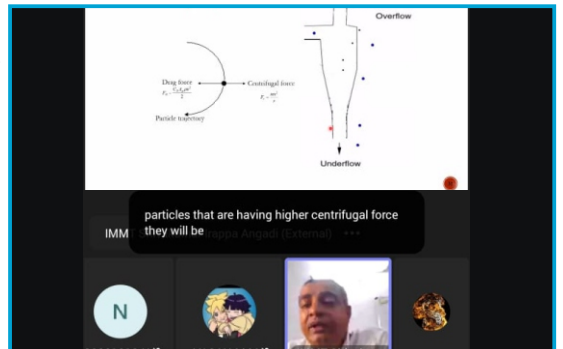
An awareness program regarding internships at Internshala for final year B.Pharm. students on 02.03.23. A. Mohammed Riyaz and B.B. Sathya from final year IT of Paavai Engineering College conducted this event. They discussed the pros of doing internships and training through Internshala. 80 students were taught to install, log in and use Internshala, to apply for internships, and to get benefitted from the training. They also explained the perks of doing internships in Internshala.



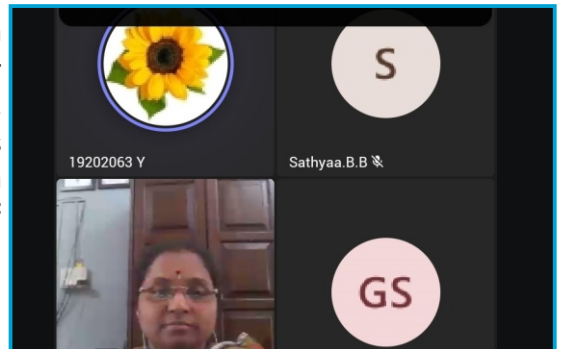
Paavai Institutions organised a guest lecture titled 'Higher Studies at IITs' on 04.03.23. Dr.D. Thirumulanadhan, Assistant Professor, Department of Economic Sciences, IIT Kanpur was the Chief Guest. Ms.N. Shanmathi, from third year ECE introduced the resource speaker. In the presidential address, C.A.N.V Natarajan, Chairman, Paavai Institutions insisted that one should focus and work towards their goal to achieve their targets. In the keynote address and the presentation, the Chief Guest briefed on the importance and role of IIT's in higher studies.



The Department of Chemical Engineering, PEC in association with the Institution of Engineers conducted a webinar entitled 'Size Reduction and Separation Techniques Applied in Industrial Process' on 06.03.23. The webinar started with welcome address by S. Nishalini of Third-year Chemical Engineering. The resource person of the day is Dr. Shivakumar Angadi, Principal Scientist, Mineral processing department, CSIR – Institute of Mineral and Material Technology, Bhubaneshwar.



The Alumni Association and the Department of Information Technology of PEC jointly organised a one-day Guest Lecture on 'Robotic Process Automation' on 07.03.23. Dr. M. Premkumar, the Principal, presided over the function. In his presidential address, he explained the Current affairs in detail. Dr.S. Srividya, Prof and Head of the Department of Information Science and Technology, BNM Institute of Technology, Bangalore explained about many learning platforms.



The Department of Mechatronics organised a guest lecture titled 'Automation in Core Industries' on 08.03.23. It was aimed at disseminating knowledge to students about the basic concept used for automation in Industry 4.0. Mr. Mohammed Fareed, Project Engineer, IPCS Global Solutions Pvt. Ltd., Salem was the resource speaker. Naveen V, III-MCT introduced the resource speaker. In his address, he briefed about the way PLC is used for automating manual processes. He also explained various details about SCADA, HMI and DCS.





Growing Coders Club and the Department of Information Technology jointly organized 'Mega Technical and Non Technical Event'23' on 09.03.23. The first event was Multimedia Presentation & Paper Presentation. Totally, seven teams participated. After the completion of the presentation by each team, the Jury Dr.P.Muthusamy, Hod/Cyber Security, PEC asked Queries. The Second event was the 'Current Affairs – Quiz'. The jury for the quiz was Mrs.P.Sharmila Devi, HoD-Civil, PEC The third event was 'Unity'. Totally, 200 students participated in these events.



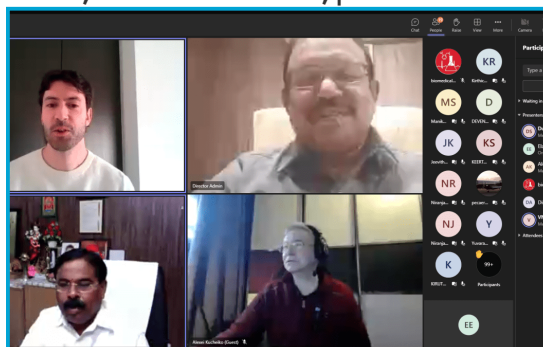
A one-day Guest Lecture on the title 'Innovations and Prospects in Civil Engineering' was organized by Paavai Civil Engineering Association, on 10.03.23. Dr.K. Selvi, Dean of Academics, PEC delivered her presidential address. Mrs.K. Sharmiladevi, Head of the Department introduced the speaker and gave an overview of the need for Innovations in the construction Industry. Er.P. Soundarapandian, Senior Section Engineer, Southern Railways, Salem Division was the resource speaker.



ISTE Student Chapter in association with Paavai Engineering College organized a Guest Lecture on the topic of 'Career Opportunities For Engineering Students' on 10.03.23. The chief guest was Prof. Selvakumar Kandhasamy, Executive Council Member, ISTE NewDelhi. Dr.K.K. Ramasamy, Director Administration, Paavai Institutions gave the presidential address, The chief guest gave enormous ideas on the career opportunities for engineering students and also, he inspired them with the successful stories of startups.



Paavai Engineering College organized an International Conference on Adaptive Technologies For Sustainable Growth on 11.03.23. Dr.K.K. Ramasamy, Director-Administration, Paavai Institutions, delivered the welcome address. Shri.CA.N.V. Natarajan, Chairman, Paavai Institution, presented the presidential address. The guest speaker Dr. Alexey Kucheiko Ph.D, Associate Professor of the Moscow Aviation Institute, Director General of RISKSAT LLC and Head of the Interregional Project Group-RISKSAT Russia discussed space recognition and adaptive technologies. The chief guest Mr. Dudsan Radosavljevic, Founder and Head, Committee for Space Programme Development(CSPD), Serbia, South East Europe Space Association Advisor explained about space Engineering and core adaptive technologies.



Alumni guest lecture titled 'Carrier Guidance' on 11.03.23 organized by the Department of Mechatronics, PEC. K. Suraj Raghavan, Assistant Manager, Panasonic India Pvt. Ltd., Bangalore was the resource speaker. He explained the statistics on the current employability status of engineering students. P. Arjun, Administration Incharge, Jupitar Speciality Medical Centre, Dubai, the resource speaker briefed about the various job opportunities for mechatronics engineer in foreign countries especially in medical field.



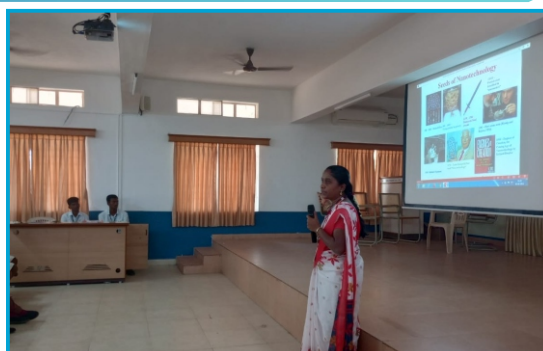
The National PI Day was celebrated on 14.03.23 in Keerthi Hall on the topic 'Purpose of celebrating National PI Day' in PASCW. Riddles competition related to Mathematics was conducted to celebrate the day. A power-point presentation was presented by V.Jansrirani & S.Gayathri of II M.Sc. Mathematics on the topic 'National PI Day'. The students were keen and active in participating in National Science Day competitions.



A one day Alumni webinar on the title 'Civil Engineering in Field Practice' was organized by the Department of Civil Engineering jointly with IE(I) PEC on 14.03.23. Dr.M. Premkumar, Principal, delivered his presidential address. Mrs.K. Sharmiladevi, Head of the Department introduced the speaker. Er.E. Lokesh. Proprietor, Vanav Associates, Harur was the alumni resource speaker. He briefed the importance, types and skills developed through field practice of a Civil Engineer.



On 15.03.23 Paavai Polytechnic College Conducted a seminar on the title 'Nanotechnology' for Biomedical and Electrical Department students. Dr.C. Nirmala Assistant Professor, at Paavai College of Technology gave the guest speaker.



On behalf of the Aryabhata Math Club, Department of Mathematics, Paavai Engineering College organized 'Math Quiz' (For First year Students) on 15.03.23. In the quiz event, 6 teams have participated in the preliminary round. Among them, the top 4 teams were shortlisted for the final round. Finally top 2 teams from first year were awarded certificates. M. Gopika and V. Gunalan, I-EEE got first place and R. Prithika and A.M. Pooja, I-CyberSecurity got second place.





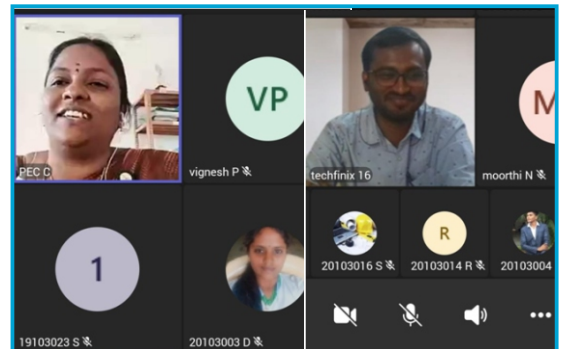
The Department of ECE in association with IEI organised a workshop titled 'Energy Conservation Techniques For Electronics Engineer's on 15.03.23. In the presidential address, the Principal, Paavai Engineering College stressed the importance of energy conservation for electronics engineers. Mr.A.Sivaraman, Assistant Engineer, TANGEDCO, Ulundurpet was the chief guest. In the keynote address, he briefed the importance and role of TANGEDCO/TNEB. He explained the different types of power stations and power distribution.



The review meeting of Annual Day '23 of Paavai Institutions was held on 15.03.23 in Anandha Arangam. Shri.CA.N.V. Natarajan, Chairman, Paavai Institutions and Correspondent addressed the gathering. Forty-five variegated cultural events representing different states and languages were portrayed and enjoyed by the students. All the faculty and student coordinators of various events were also present. Chairman, Paavai Institutions appreciated and applauded the performance and efforts taken by the faculty and the students.



The Department of Civil Engineering jointly with the Environmental Club of Paavai Engineering College organized an online guest lecture 'Disaster Management in India' on 15.03.23. It was aimed to educate about the management of various disasters in India. Dr.R. Saraswathi, Professor, Department of Civil Engineering, Coimbatore Institute of Technology, Coimbatore was the guest speaker. She explained various natural and man-made disasters that occurred in India and also explained the recent earthquake held in Turkey and Syria.



The Department of English in association with the 'English Club' conducted a contest of 'Story Narration' on 16.03.23. The contest was conducted to test the student's language and narrating skills. The students actively took part in the competition and Benny Hospan, I R&A got the first prize, Anish Klinton I CSE-AI&ML got second and finally, Selvakumar I FT got third prize in this competition. Nearly 50 students actively participated in this competition.



Department of Biomedical Engineering and Electronics & Communications Engineering of Paavai College of Engineering has organized a Webinar on 'Biomedical Equipment Training and Placement Opportunity' on 16.03.23. The Guest Mr.K. Vinothkumar, Managing Director, Biomedical Equipment Training and Education, Madurai delivered his speech on 'Biomedical Equipment Training and Placement Opportunity'.



The Department of Cyber Security organized a two day National level Workshop hands-on 'Mastering the Art of Penetration Testing' on 17.3.23 and 18.3.23 Mr.T. Prabakaran, Regional Manager, Livewire, Chennai, precluded the workshop and the importance of penetration testing in the career of a cyber-security professional. Mr.M. Vignesh and Mr.V. Pugalenti, Technical Trainers, Cyber Security Analyst, Chennai were the Guest speaker.



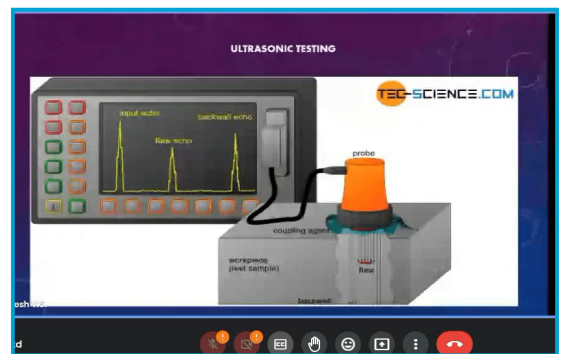
The Department of IT of Paavai Engineering College and The Institution of Engineers (India) jointly organized a one day Guest Lecture on "Emerging Trends in IT" on 17.03.23 at the cute hall. Dr.K. Selvi, dean of academics, explained the importance of learning computer languages and various opportunities available in IT sector. Mr.D. Saravanan, Walmart Global Tech India, Software Engineers III, Bangalore, was the chief guest. He explained briefly about importance and careers in Information Technology.



A plenary session was conducted in Paavai Paramedical Institutions. The students from PCPR, PCNR, PIAHS, and PPSC participated. The event was held at Ananda Arangam on 18.03.23. Dr.Hepsi Chella Rani, Principal,PCNR, Mrs. Benazir Sherif, Principal, PPSC and Mrs.Sharitha Prabakaran, Assistant Professor, PCNR. 'Health and Hygiene' 'Food and Nutrition' 'Mind and Soul' deliberated on topics.



Paavai College of Engineering organized a webinar on 'Startup Possibilities In Non Destructive Testing' on 18.03.23. Dr.A. Immanuel, Principal, Paavai College of Engineering in his presidential address, stated that there is a need among the students to build their knowledge in the fundamentals of every subjects in their field. The Chief Guest Mr.V.S. Navinesh, Senior AR Associate, Omega Health Care , Trichy gave the key note address in which he spoke about the importance of attitude in everyone's success.



The Department of Mechanical Engineering in association with the Institution's Innovation Council and Entrepreneurship Development Cell of Paavai Engineering College organized a workshop titled 'Prototype/Process Design and Development' on 18.03.23. The objective of this workshop was to provide knowledge on Prototype and Process design and development in gear manufacturing. Mr.Shaikh Riyaz, Product Design Engineer at Shanthi Gears, Coimbatore, was the resource speaker.





The Department of Computer Science organized a guest lecture Series on the topic 'Python for Data Science, AI and ML Development' on 18.03.23. Dr. M. Premkumar, Principal, PEC, gave the presidential address. The guest speaker Mr. N. Jaganathan, Technical Lead, Tech Star, Bangalore presented on the topic 'Python for Data Science, AI and ML Development'. He elaborated on different machine learning applications like Healthcare, Insurance, Telecommunications, Automotive, and Energy.



The Department of Chemistry organized an online Guest Lecture on 'Application Of Nano Materials In Energy Sector' on 20.03.23 through the Microsoft Teams platform. The Resource person was Dr.M. Raja Assitant Professor(SG), Department of Chemistry, Sona College of Technology, Tamilnadu. The objective of organizing the online guest lecture was to create awareness about the vast field of nano science and to help the student with the broad outline of nano-technology.



The Department of Biomedical Engineering organized a Webinar on 21.03.23. The founder and CEO of Atheenapandian private limited DR.Atheena Milagi Pandian gave a presentation on Innovations in biomedical technology. In the presentation, he presented about the past, current and future innovations of biomedical technology.



The Institution's Innovation Council and Entrepreneurship Development Cell of Paavai Engineering College organized an expert talk on 'Research, Innovation and Start-ups' celebrating India's Presidency of G20 on 22.03.23. Dr. U.Chandrasekhar, Member, Academic Council for Higher Education, CTO -GMSIR Scientific Innovation & Research was the Chief Guest.



PCT, Department of Safety and Fire Engineering, conducted a webinar on 'Safety Measures in Construction Machineries' for II and III year students on 22.03.23. The resource person was Mr.M. Premnath, Project Engineer, Shizha S.A.R.L Construction, DR Congo. Dr. M. Premkumar, Principal gave the Presidential address. The resource person spoke about the concept of common risk factors faced by construction workers that can turn out to be life-threatening.



The Department of Cyber Security in association with the Institution's Innovation Council and Entrepreneurship Development Cell of Paavai Engineering College organized a National level Seminar titled 'How to plan for startup and legal, ethical steps' on 23.03.23 and 24.03.23. Mr. AkashVenkatesan, Founder and CEO of Tutelr Infosec Pvt Ltd, Mr. Sriram Kannan, Blue Team and Cyber Analyst, Mr. Thowbik Ahmed, Cyber Security Engineer were the guest speakers.



The Department of Food Technology conducted a Guest lecture entitled 'Food Authentication' On 24.03.23. The students of Food Technology, Agricultural Engineering, Chemical Engineering & Pharmaceutical Technology of PEC attended the guest lecture. The resource person of the day Dr. R.Prakash Maran, Associate Professor, Department of Food Science & Nutrition, enlightened the students with various analytical techniques involving the new products developed.



The Department of EEE of Paavai Engineering College in association with the Indian Society for Technical Education (ISTE) organized a guest lecture on the topic of 'Role of Thermal Power Plant in Electric Network' on 25.03.23. Er.D.Iyappan, Assistant Engineer, Electrical Control & Instrumentation Division, Mettur Thermal Power STATION-II (600 MW), Mettur Dam, Tamilnadu was the resource person. The resource person explained about the significance of various sections of Thermal Power Plants.



The Departments of Computer Science Engineering and Artificial Intelligence and Data Science of Paavai College of Engineering organized a Workshop on 'Micro Services Development Using Spring Boot Framework' on 25.03.23. The event was held in the presence of Dr. K. K. Ramasamy, Director of Administration, Paavai Institutions and Dr.A. Immanuel, Principal, Paavai College of Engineering. The Chief Guest Mr.V. Hemanth Kumar, Senior Systems Engineer, Infosys, Bengaluru.



The Inauguration of the Paavai Speakers Club was held on 25.03.23. The chief guest of the day was Thiru. GR.P.G. Rajan, Founder of 1234 Foundation, Chennai. In the presidential address, Shri.CA.NV. Natarajan, Chairman addressed the importance of the Speakers Club. He insisted that a good leader must be a good speaker and a good communicator.

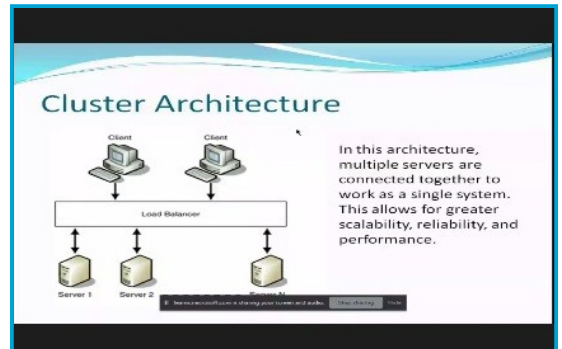




In PCT, departments of Biotechnology and Robotics and Automation Engineering, conducted a webinar 'Sustainable Development Goals and Climate Change' for II year students of both departments on 25.03.23. Dr. M. Premkumar, Principal gave the presidential address. The resource person was Mr. K. Roja Magesh M.E.,(Env) (Ph.D.,) Head, Civil Engineering in Mother Theresa College of Engineering and Technology. The resource person explained the concepts of Global Goals and the 2030 agenda for Sustainable Development.



Alumni guest lecture titled 'Concept of Server Architecture' on 25.03.23 organized by the Department of Mechatronics, Paavai Engineering College. It was aimed at providing awareness to students about the server architecture. Mr. B. Tamilselvan, Tech Lead, Gamers back Pvt Ltd, Bangalore was the resource speaker. He explained the types of client server architectures. He pointed out the benefits of Client-Server Networks such as easy recovery of files, less damage and more security.



The Automobile and Mechanical Engineering Departments of Paavai College of Engineering organized an Alumni series on 'Challenges to be faced after Graduation and Career Structure for Freshers' on 25.03.23. The welcome address was given by Mr.P. Naveenkumar, Final year, B.E., Automobile Engineering. Dr.A. Immanuel, Principal presided over the function. The guest speaker Mr.B. Lisanth, Gainers Control Private Limited, Coimbatore gave the key note address.



PCT the department of ECE and CSE organized an Alumni guest lecture on the topic 'IoT Challenges, Scopes and Solutions' on 27.03.23. Dr. M. Premkumar, Principal gave the Presidential address. The resource person was Mr.S. Chandrasekar, Sales Analyst, UE Press Tools Pvt Ltd – Chennai, Alumni of Pavai College of Technology, EEE. The resource person explained the concepts of the Internet of things (IoT) such as sensors, processing ability, software and other technologies.



'Rock your profile'- Linked in seminar was organized by the students of Biomedical and medical electronics on 28.03.23. The session started with downloading the application to update a profile. The do's and don'ts were discussed. In addition to it they learned how to create a post, blog summary, taglines, articles, reposting a tagged post, profile summary and endorsements. Many professional profiles were showcased as an example to create their own profile.



The Department of Electronics and Communication Engineering organized the Fine arts club event titled 'Art Drawing-Save Water' on 29.03.23. It was attended by 55 students from all the departments of Paavai Engineering College. Dr.V. Annapoorani, Professor, MCA Department, Paavai Engineering College was the Jury. A. Dhanush from the Second year CSE Department got first place. Mr.G. Nandhakumar, Fine Arts Club coordinator, student coordinators S.Sretharsene from final year, M. Dineshkumar from the third-year ECE organized the event.



In PASCW, English Literary Association conducted an activity Lit Quest on 28.03.23 in Keerthi Hall. M. Saranyadevi, III B.A Eng welcomed the gathering. 'Lit Quest' consisted of Literary Quiz, Connection, Riddles and Video questions. The activity came to an end by the vote of Thanks proposed by N. Shrimathi of III B.A Eng. followed by the National Anthem. Dr.J. Thavamani, Principal of Pavai Arts and Science College for Women, Heads of various departments and staff members relished students' presentation and participation.



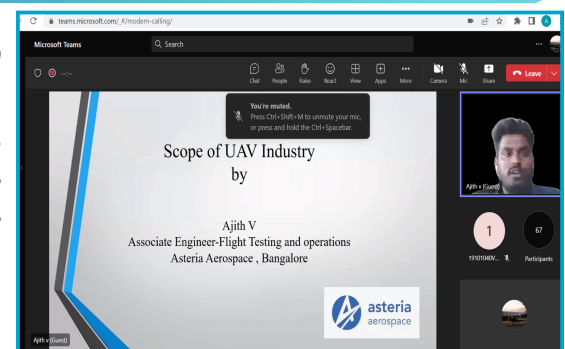
In PASCW, Nutrition and Dietetics Association conducted an activity 'Food for Healthy Menstruation' on 29.03.23 in Keerthi Hall. The programme commenced with the Prayer song. Sandhiya of I B.Sc Nutrition and Dietetics welcomed the gathering. The activity came to an end with the vote of Thanks proposed by Deshna of II B.Sc Nutrition and Dietetics followed by the National Anthem. Dr.J. Thavamani, Principal of Pavai Arts and Science College for Women, Heads of various departments and staff members were present.



On 29.03.23, Department of Computer Science organised an association activity on the topic 'Computer Dumb Charades' in Keerthi Hall. Dr. J. Thavamani, Principal presided over the function. Students were divided into 6 teams namely C++, JAVA, .Net, C# ,C and PYTHON with three members each. Winners were finalized based on their performance from Round 1, Round 2 and Round 3. Team Python and C# got first prize. Team JAVA ,C and C++ got second prize. Team .Net got third prize.



An Alumni Guest Lecture on the topic 'Scope of UAV Industry' was organized online by the Department of Aeronautical Engineering on 30.03.23. Mr.V. Ajith, Associate Engineer-Flight Operations, Asteria Aerospace Ltd, Bangalore was the Guest Speaker. The objective of the event was to familiarize the students with the advances in the unmanned aerial vehicle industry and corresponding career opportunities.





The Automobile and Mechanical Engineering Departments of PEC organized a Seminar on 'Man, Machine And Nature' on 31.03.23. The presidential address was given by Dr.K.K. Ramasamy, Director Administration, Paavai Institutions, Dr.A. Immanuvel, Principal, PCE and Dr.J. Narendran, Head, Department of Mechanical Engineering were present. The resource person Dr.K.Thavasilingam, Assistant Professor, Easwari Engineering College, Chennai gave the keynote address.



The Department of ECE in association with the Institution of Electronics and Telecommunication Engineers - IETE, Indian Society for Technical Education -ISTE and Wizards Systems have organized a Hands-on training titled 'Signal Processing' on 31.03.23. In the presidential address, Dr.M. PremKumar, Principal, PEC insisted that knowledge acquisition, skill upgradation, learning and re-learn are the areas of focus today. Ms.S. Sowndeswari, Assistant Professor, Sambhram Institute of Technology, Bengaluru was the chief guest.



The Department of Electrical and Electronics Engineering organized a workshop on 'Basics of MATLAB Lab' for the final year EEE students on 31.03.23. Dr.S. Surendiran and Mr.N. Mohanasundram address the students. In the session, the analysis of data, developing of algorithms and creating of models and its application were taught to the students.



The Department of Management Studies, PEC organized a plenary discussion on 'Budget'23: Central and State Government' on 31.03.23. CA.N.V. Natarajan, Chairman of Paavai Institutions & Mrs.Mangai Natarajan, Correspondent presided over the function. Dr.M. Premkumar, Principal, Dean Academics, HOD and faculty members of various departments were present. Dr.K.S.Kavitha, Assistant Professor (SG)/MBA, Paavai Engineering College served as the moderator. Dr.S. Sumathi and Dr.V. Paramasivam gave an overview measures of the central and Tamil Nadu State government, announced in the Budget 2023 – 24.

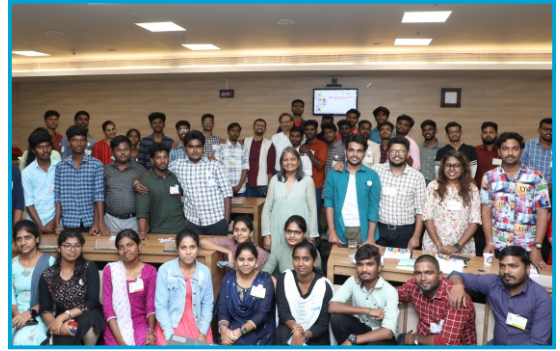


The Department of Management Studies in association with the Institution's Innovation Council of Paavai Engineering College organized a guest lecture on 'Business Model Canvas' on 31.03.23. Dr. S.C.Vetrivel, Professor, Kongu Engineering College was the Chief guest. He stated the importance of Entrepreneurial skills and business openings in various fields.



## SOCIAL SENSITIVITY

The TQI ULLAS Conference-2023 was held in Chennai for 2 days (04.03.23 & 05.03.23). 13 volunteers attended the conference. Volunteers from 23 districts came representing their teams. Our TQI Volunteers presented the annual report for the year 2022-23.



On the account of Women's Day celebration TQI volunteers distributed the thanking cards to all the female staff of Paavai Engineering College, Paavai College of Engineering and Paavai College of Technology. Around 180+ customised cards have been given to the staff personally by the volunteers. At the end of the day the thank card is also given to the girl volunteers in the TQI in the meeting.



Paavai Engineering College NSS volunteers sold 500 pens to students and staff members on 08.03.23 and the sold amount of Rs.5000/- was given to a physically challenged woman Mrs. Sumathi, Salem. She appreciated our NSS volunteers who supported her in the venture.



Paavai Engineering College NSS Volunteers helped and supported the Rasipuram Kaliyamman Kovil Kumbhasheikam on 09.03.23. Our students are involved in making the arrangements and crowd control. In this activity 20 volunteers participated.



National Service Scheme, Paavai Engineering College in association with Ekam Foundation, Namakkal conducted an awareness programme on 'World Water Day' on 22.03.23. Mr, Jeganathan, Ekam Foundation, NGO, Namakkal was the guest speaker of this programme. Awareness of saving water and the importance of water was given to NSS volunteers. In this awareness programme, 50 volunteers participated and benefitted from the event.





Paavai Engineering College NSS Volunteers helped and supported in the Surya Linkeswarar Kovil Kumbhasheikam, Panamarathupatti, Salem on 27.03.23. Our students involved in making the arrangements and crowd control. In this activity 167 volunteers participated.



The Youth Red Cross of Paavai Engineering College had organized an awareness Programme on 'பாதையை மாற்றிடும் போதை' on 18.03.23. Dr.K. Selvi, Dean Academics gave the presidential address and enlightened on the awareness about drugs and its effects. YRC coordinator Mr.S. Sathish addressed the students and discussed the impact of drugs and effect of drugs consumption.



In PASCW, Youth Red Cross and National Service Scheme conducted a seminar on the title 'Road Safety' on 22.03.23. The programme commenced with the prayer song. Ms. D. Keerthana of II B. Sc Physics welcomed the gathering. The chief guest Mr. M. Ganesh Kumar, Inspector of Namagiripettai Police Station, explained the importance of Road Safety with his experience and gave the details how to use Kavalan SOS App clearly.



In PASCW, as a part of NCC Visit, a programme was conducted in Keerthi Hall at 2.00 p.m.. Lt.G.Prema, NCC ANO, HoD of Commerce gave a presentation on the history of NCC at Pavai Arts and Science College for Women with the photos and videos. The Commanding Officer Lt.Col.Sooraj S Nair appreciated one of the cadets S.Saburna who has attended the ThalSainik Camp and was awarded Direct General NCC Commendation Award for the year 2022. The special address was given by Lt.Col.Sooraj S Nair.



## List of Grants and Funds Organized

Name of the Faculty	Dept	Title of the Project	Date	Funding Organization	Funding Amount
C.Vibinstalin AP-MCT, PEC	Mechatronics	Drowsiness detection in automotive vehicles	03.03.23	TNSCST, Chennai	Rs.7500.00
R Balasubramani Prof- Chemical,PEC	Chemical	Nutritional product development by using Muntingiacalabura (Jamaica cherry)	03.03.23	TNSCST, Chennai	Rs.7500.00

**TUBERCULOSIS**  
**WORLD TUBERCULOSIS DAY (24 MARCH 2023)**  
**THEME: 2023 – “YES WE CAN END TB”**

A total of 1.6 million people died from TB in 2021 (including 187 000 people with HIV). Worldwide, TB is the 13<sup>th</sup> leading cause of death and the second leading infectious killer after COVID-19 (above HIV/AIDS). In 2021, an estimated 10.6 million people fell ill with tuberculosis (TB) worldwide. Six million men, 3.4 million women and 1.2 million children. TB is present in all countries and age groups. But TB is Curable and preventable. Tuberculosis is an infectious disease caused by mycobacterium tuberculosis bacilli.

### **TB in India**

India accounts for about a quarter of the global TB burden. In 2021 the estimated TB incidence was 2,590,000 (188 per 100,000 population). The HIV positive TB incidence was 53,000. In 2021 an estimated 11,000 HIV positive people died due to Tuberculosis and an estimated 493,000 HIV negative people died.

### **Symptoms of TB**

General symptoms or signs of active Tuberculosis include weakness or feeling very tired, losing weight without trying, a lack of appetite, chills, fever (a high temperature of 38C or above) and night sweats.

### **Pulmonary TB**

Pulmonary TB is TB in the lungs. One of the early signs of pulmonary TB is often having a bad cough that lasts longer than three weeks, having pain in the chest, and coughing up blood or phlegm from deep inside the lungs. Lymphadenitis is the inflammation and/or enlargement of a lymph node and is a common response to a variety of infections particularly in children. The only symptoms may be painless slowly enlarging lymph nodes, as there are often no general symptoms. The swollen lymph nodes are often in the neck area, although they can be in the groin.

### **Extrapulmonary TB**

Extrapulmonary TB, which is also known as disseminated or miliary TB, refers to all the different types of TB other than pulmonary TB. Generally the types of TB that do not affect the lungs. It affects the Bones, Spinal cord, Meninges/Brain and Kidney etc..

### **Tests for TB**

#### **Chest X-ray**

If a person has had TB bacteria which have caused inflammation in the lungs, an abnormal shadow may be visible on a chest x-ray. Also, acute pulmonary TB can be easily seen on an X-ray. However, what it shows is not specific. A normal chest X-ray cannot exclude extra pulmonary TB.

#### **The skin test**

a) The skin test involves injecting a small amount of fluid (called tuberculin) into the skin in the lower part of the arm. Then the person must return after 48 to 72 hours to have a trained health care worker look at their arm. The health care worker will look for a raised hard area or swelling, and if there is one then they will measure its size.

b) The test result depends on the size of the raised hard area or swelling. The larger the size of the affected area the greater the likelihood that the person has been infected with TB bacteria at some time in the past. The vaccine called Bacillus Calmette-Guerin (BCG) was first developed in the 1920s. It is one of the most widely used of all current vaccines, and it reaches more than 80% of all new born children and infants in countries where it is part of the national childhood immunization programme. TB education.

#### **Sputum Culture Test**

In the case of the TB culture test the test is to see if the TB bacteria Mycobacterium tuberculosis are present.

#### **Prevention**

Cough etiquette means a person with TB should cover the mouth and nose with a tissue used tissue should be discarded in a bin.



## BCG vaccine

- TB education is necessary for people with TB. People with TB need to know how to take their TB drugs properly. They also need to know how to make sure that they do not pass TB on to other people. But TB education is also necessary for the general public.
- Anyone who coughs should be educated on cough etiquette and respiratory hygiene, and should follow such practice at all times;

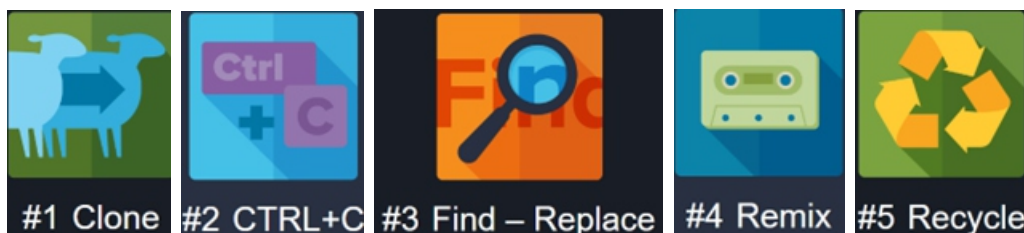
## Diet for a person with TB

A person with TB should aim to have a healthy balanced diet. A healthy balanced diet and high proteins. Proteins can be of animal origin like milk, eggs, meat and fish or of plant origin as in cereals & pulses. For vegetarians, a combination of cereals & pulses can give a quantity of protein equivalent to that of animal proteins. The daily consumption of milk and milk products is also beneficial. In the case of non vegetarians, consumption of eggs on a daily basis can provide the same benefit as meat and fish at a lower cost.

By  
**Dr.Hepsi Rachel Chellarani**  
Principal , PCNR

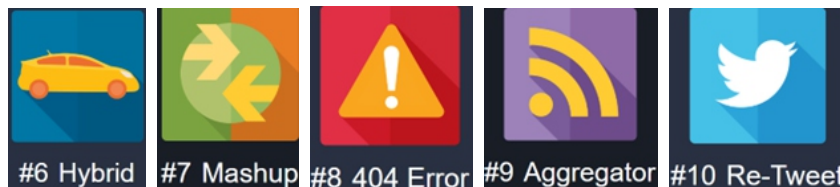
## Different Types of Plagiarism

Plagiarism is the unauthorized use or close imitation of the language and thoughts of another author and the representation of them as one's own original work. Plagiarism is a very common issue that worries every author while writing a research paper or thesis. Turnitin (The Plagiarism-checking tool) classifies plagiarism into the following types.



- **Clone Plagiarism** : It refers to submitting another's work, word-for-word, as one's own. This is also called 'Identical Copying'.
- **Control+C Plagiarism** : It contains significant portions of text from a single source without alternations.
- **Find – Replace Plagiarism** : It refers to changing keywords and phrases, but retaining the essential content of the source
- **Remix Plagiarism** : Here the copied document contains paraphrases from multiple sources, made to fit together.
- **Recycle Plagiarism** : It refers to the act of borrowing from one's own previous work without a proper citation. This is also called 'Self Plagiarism'.
- **Hybrid Plagiarism** : Here perfectly cited source documents are copied and arranged as a new document without citation.
- **Mashup Plagiarism**: It is a mix of materials copied from multiple sources without proper citation.
- **404 Error Plagiarism**: It includes citations to non-existent or inaccurate information about sources.
- **Aggregator Plagiarism**: It refers to inclusion of proper citation to sources, but the paper contains almost no original work.
- **Re-Tweet Plagiarism**: Such plagiarism includes proper citation, but relies too closely on the text's original wording and / or structure.

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- **Re-Tweet Plagiarism**: Such plagiarism includes proper citation, but relies too closely on the text's original wording and / or structure.



**Note:** TURNITIN also identifies emerging trends of plagiarisms like:

**Student Collusion** (Working with other students on an assignment/Project work meant for individual assessment),

**Software-based Text Modification** (Taking content written by another and running it through a software tool [text spinner, translation engine] to evade plagiarism detection.

**Contract Cheating** (Engaging a third party (for free, for pay, or in-kind) to complete an assignment/Research work and representing that as one's own work.

**Computer Code Plagiarism** (Copying or adapting source code without permission from and attribution to the original creator).

**Manual Text Modification** (Manipulating text with the intention of misleading plagiarism)

**Data Plagiarism** (Falsifying or fabricating data or improperly appropriating someone else's work, putting a researcher, institution, or publisher's reputation in jeopardy).

### How to Avoid Plagiarism?

- Read the original document many times for thorough understanding, before writing about it.
- Do not copy any word or sentence from the original document.
- Give proper citations to all the sources (Journals, books, websites, videos, thesis and so on).
- In case of citing online sources, include the accessed date and appropriate URL in the reference.
- Common phrases and definitions need to be quoted and cited without any modification.
- Make it a practice to include "references" section whenever writing an academic document.
- Cross-verify all your citations before submitting your document.
- Finally, take a plagiarism report through any good plagiarism software to ensure the originality of your written document.

### Sources:

<https://www.ilovephd.com/10-types-of-plagiarism-every-academic-writer-should-know/>

<https://www.turnitin.com/static/plagiarism-spectrum/>



## Faculty Journal Publications and Patents

Name of the Faculty	Journal Name / Book Name	Title of the Patent/ Article / Book	Reference No.
Dr.D.R.P.Rajaratnam Prof- MCT, PEC Dr.R.T. Ajaykarthik ASP- MCT,PEC A.ArunBabu AP- MCT,PEC S.Manikandan AP- MCT,PEC C.Vibin Stalin AP- MCT,PEC R.Karthick AP- MCT,PEC C.Sumithra AP- MCT,PEC	Patent Publications	Automatic Wheel Alignment Detector and Puncture Detection	202341013999A
Dr.D.R.P.Rajaratnam Prof –MCT, PEC Dr.R.T. Ajaykarthik ASP- MCT,PEC A.ArunBabu AP- MCT,PEC S.Manikandan AP- MCT,PEC C.Vibin Stalin AP- MCT,PEC R.Karthick AP- MCT,PEC C.Sumithra AP –MCT,PEC	Patent Publications	Design and Implementation of Dynamic Wireless Charging Station for EV	202341016333
Dr.D.R.P.Rajaratnam Prof –MCT,PEC Dr.R.T. Ajaykarthik ASP- MCT,PEC A.ArunBabu AP-MCT,PEC S.Manikandan AP –MCT,PEC C.Vibin Stalin AP-MCT,PEC R.Karthick AP- MCT,PEC	Patent Publications	RFID Based Automatic Car Elevator Management System	202341022142 A
Dr.G.Raja Prof-CHE,PEC	Rasayan Journal of Chemistry	A Simple Fabrication of Polyvinyl Pyrrolidone Coated Fe <sub>3</sub> O <sub>4</sub> Nanoparticles towards improved Congo Red Degradation Photocatalytic Activity	Vol.No.16 Issue No.1 Page No.536-542
Dr.M.Sudha Prof- ECE,PEC E.Sangeetha ASP- ECE,PEC	Patent Publications	IOT based Smart Hydroponics Irrigation System for Agriculture	202341003797

Name of the Faculty	Journal Name / Book Name	Title of the Patent/ Article / Book	Reference No.
C.Vanaja ASP-ECE,PEC	Sri Krishna Publications	Computer Hardware Servicing and Networking (English Revised Edition)	ISBN: 978-93-87870-69-7
Dr.M.Sudha Prof- ECE,PEC S.VijayaKumar ASP- ECE,PEC Dr.R.MohanaPriya ASP- ECE,PEC S.Loganathan AP- ECE,PEC G.Nandhakumar AP- ECE,PEC K.Venkatachalam AP- ECE,PEC	Patent Publications	Non-Hydraulic Solar Panel Slang	202341016565 A
Dr.D.Boopathi AP- EEE,PEC Dr.K.Jagatheesan ASP- EEE,PEC R.Satheeshkumar AP- EEE,PEC	Renewable Energy Optimization, Planning and Control	Investigation of a Microgrid Power System for Frequency Regulation by Implementing Ant Colony Optimization Technique Optimized Secondary Controller	<a href="https://link.springer.com/chapter/10.1007/978-981-19-8963-6_22">https://link.springer.com/chapter/10.1007/978-981-19-8963-6_22</a>
V.ThabithaZelin Rachel AP- FT,PEC	Current Trends in Multidisciplinary Science	Precision Medicine in Alzheimer's disease: Unifying Genomics and Bioinformatics.	Volume-VI, 2023
R.Rajeswari AP-FT,PEC M.D.S.Rajaruban AP-FT,PEC	Patent	Preparation of Biscuit from <i>Hibiscus sabdariffa</i>	202341012239 A
Dr. S. Kailash Prof-FT,PEC	Patent	Designing and Formulating of Dairy-free ice cream by Blending with Peruvian groundcherry ( <i>Physalis Peruviana</i> )	202341012172 A
Dr. S. Kailash Prof-FT,PEC	Patent	Preparation of fruit Bar and Sauce using <i>Morindacitrifolia</i>	202341012173 A
Dr.P.Rosaiah Prof –PHY,PEC P.Divya AP- PHY,PEC	Diamond and Related Materials	Ultra-long MnO <sub>2</sub> Nanowire-Entrenched Reduced Graphene oxide Composite Electrodes for Energy Storage	Vol No:133 Page No: 109709 ISSN: 0925-9635
Dr.M. Deepa ASP CSE-PCE	Interanational Journal for Innovative Research in Multidisciplinary Field	Crop Recommendation system Based on Machine Learning	IJIRMF202303020



## Student Journal Publications and Patents

Name of the Student	Journal Name / Book Name	Title of the Patent/ Article / Book	Reference No.
K.Kaviyaa M.Hemalatha P.Kesavarthini R.Kaviya RLakshya S.Lakshmi Prabha E.Arun P. Gopinath S.Bharath IV ECE-PEC	Patent	IOT based Smart Hydroponics Irrigation System for Agriculture	202341003797
R. Narmatha N. Nirmala S. Sakthi M. Smitha K. Sowmiya K. Tharani G.V. Swathiga A. Sheela Jenifer M. Sobana IV ECE-PEC	Patent	Non-Hydraulic Solar Panel Slang	202341016565 A
A.Aadhavan A.J Akshay Krishna K. Dhanya Dorea Joshy M. Krishnaveni R. Muthuselvi S. Saran Babu S. Yaswanth IV Food Tech- PEC	Patent	Patent Publications	
A.R. Hariharan G. Imayavan N. Ramya C. Sivashankar. IV Food Tech- PEC	Patent	Preparation of biscuit from <i>Hibiscus sabdariffa</i>	202341012239 A
K.Kaviyaa M.Hemalatha P.Kesavarthini R.Kaviya RLakshya S.Lakshmi Prabha E.Arun P. Gopinath S.Bharath IV ECE-PEC	Patent	IOT based Smart Hydroponics Irrigation System for Agriculture	202341003797

Name of the Student	Journal Name / Book Name	Title of the Patent/ Article / Book	Reference No.
M. Abdul Raheem J. Alexsamy M. Bhuvaneshwari S. Girija Food Tech B. Nandhini S. Shiny Grace M. Suvetha IV Food Tech- PEC	Patent	Designing and formulating of dairy-free ice cream by blending with Peruvian groundcherry (PHYSALIS PERUVIANA)	202341012172 A
M. Antonyraj Aswin Santhosh Embeaty Abhinav P. Praveen IV MCT-PEC	Patent	Automatic Wheel Alignment Detector and Puncture Detection	202341013999 A
S.P Dinakaran V. Narayanan S. T. Santhosh IV MCT-PEC	Patent	Design and Implementation of Dynamic Wireless Charging Station for EV	202341016333 A
M.ChandruStar H. Bhuvanshankar IVMCT-PEC M.Elaiyaguryu IVMCT-PEC K.Loganathan IV MCT-PEC	Patent	Fire Quenching Robot System Using Arduino	202341019741 A
R. Gokul IVMCT-PEC S.Logesh M.Vikneswaran R.Yokeshwaran IV MCT-PEC	Patent	Patent Publications	RFID Based Automatic Car Elevator Management System
S.Sri Ranjani V.Sowmiya E.Tamizhan M.P.Venkat Vijay II CSE –PCE	Patent	Interanational Journal for Innovative Research in Multidisciplinary Field	Crop Recommendation system Based on Machine Learning IJIRMF202303020

## Student's Achievements and Awards

Name of the Students	Name of the Programme	Venue and Date	Name of the Event	Position/Place
Mr.R.Surya IV CIVIL-PEC	Federation of all Civil Engineers Associations of Tamil Nadu and Puducherry (FACEAT & P)	04.03.23	Online quiz	II



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Name of the Students	Name of the Programme	Venue and Date	Name of the Event	Position/Place
Mr.R.Surya IV CIVIL-PEC	Federation of all Civil Engineers Associations of Tamil Nadu and Puducherry (FACEAT & P)	04.03.23	Online quiz	II
S.Ezhil Mukil A.Thangasathiyakala I MBA-PEC	Cm Trophy	Namakkal Boy's School 09.2.23	Basket ball	I
S.Elakkiya II AERO-PEC	National level Technical Symposium	Periyar Maniammai Institute of Science & Technology, Thanjavur 31.03.23	Paper Presentation	I
D.Karthikeyan II AERO-PEC	National level Technical Symposium	Periyar Maniammai Institute of Science & Technology Thanjavur 31.03.23	Paper Presentation	I
R. Suba M.Nithyasri III IT-PEC	International Conference	Velammal Institute of Technology, Chennai 22.03.23	Paper Presentation	Best Paper Selected
A. Adhilabanu III ECE-PEC	Paper Presentation on Industry 4.0	Kongu Engineering College Perundurai 24.03.2023	A National Level Technical Symposium 'SENSONICS 2K23'.	II Cash prize Rs.1000/
A.Sheela Jenifer IV ECE-PEC	Paper Presentation on "Smart Energy Meter using IOT" in	Department of Electronics and Instrumentation Engineering, Kongu Engineering College Perundurai & 24.03.23	A National Level Technical Symposium 'SENSONICS 2K23'.	III
Dava Pavan Sai Srinivas III ECE-PEC	Paper Presentation	K.S.Rangasamy College of Technology Thiruchengode 23.03.23 – 24.03.23	The National Level Techno Fest 'Dakshaa T23'	I (Won Cash prize Rs.1000/-)
S. Srinithi Gayathri A.Sheela Jenifer IV ECE-PEC	Paper Presentation 'MAGE2k'23'	Department of ECE, Knowledge Institute of Technology Salem 21.03.23	A National level Technical Symposium.	II Cash prize Rs.750

Name of the Students	Name of the Programme	Venue and Date	Name of the Event	Position/Place
A.Sheela Jenifer S. Siva Dharshini S. Sretharssene S. Srinithi Gayathri S. Vinisha IV ECE-PEC	Quiz Program	PSG Institute of Technology and Applied Research Coimbatore 20.03.23-21.03.23	Workshop on "Embedded System" in Texas Instrument's MSP Series	II Cash prize Rs.300)
G.Kannan III ECE-PEC	Texas Instrument's MSP Series	PSG Institute of Technology and Applied Research Coimbatore 21.03.23	Workshop Competition quiz	I Won Cash prize Rs.500/-
V.Athira H.Rizwanabegam I ME (CS)-PEC	'Circuit Tricks'	Selvam College of Technology, Namakkal. 31.03.23	The National Level Technical Symposium VIRUKSHA'23	I Won Cash prize Rs.500/-
V.Athira H.Rizwanabegam I ME (CS)-PEC	'Treasure Hunt'	Selvam College of Technology, Namakkal 31.03.23	The National Level Technical Symposium VIRUKSHA'23	I
M.Manikandan II ECE-PEC	Sports	M.Kumarasamy College of Engineering Thalavapalayam, Karur.24.03.23 – 25.03.23	Volley ball Men Tournament	I
K.A.Yoga Narayanan II ECE-PEC B.Rahulkannan III ECE-PEC R.S.Gokulakannan IV ECE-PEC	Sports	PPG Institute of Technology Coimbatore 03.03.23	PPG 7'S Alumni Hockey Trophy -2023	III
M.Bharath M.Prasanth Kumar M.Akash S.Sanjay II EEE-PEC	Technical symposium	Rathinam Technical Campus, Coimbatore	Paper Presentation	II
S.Amudhawan V.Veeramani G.Emman Vel T.Jana II EEE-PEC	Technical symposium	PGP College of Engineering and Technology, Namakkal	Short film	I
A.Mohammad Riyaz B.SATHYAA IV IT-PEC	Project Expo	Tagore Institute of Engineering and Technology, Deviyakurichi 10.03.23	Women Safety Footware	I

Name of the Students	Name of the Programme	Venue and Date	Name of the Event	Position/Place
S.Vikram Raja S. Vidyawathi III IT-PEC	Paper Presentation	Tagore Institute of Engineering and Technology, Deviyakurichi 10.03.23	Deep Learning	II
S.VikramRaja M.Parthiban III IT-PEC	Paper presentation	Narasu's Sarathy Institute of Technology, Salem 20.03.23	Machine Learning	I
S. Mukesh Kumar A.Akash A.Sabarinathan M. Sreenivas IV PHARMA- PEC	Paper presentation	Bharath Institute of Technology 29.03.23	Paper presentation	I
Suresh V Snega S Meganathan P IV PHARMA- PEC	Technical Symposium	-	Bharath Institute of Technology 29.03.2023	-
B. Mohandass S. Priyanga S. Surya P. Prasanth IV PHARMA- PEC	Paper presentation	Sethu Institute of Technology 30.03.23	-	II
S.P Hasrat IV PHARMA- PEC	Non-Technical Symposium	-	KSRCE Music Club, KSR Engineering, Tiruchengode 31.03.23	-
P.Manju Priyadharshini III - BIO TECH - PCT	-	Knowledge Institute of Technology 11/2/23	GATE Exam 2023	Qualified

## Theme: Save water

SAVE WATER

Water has become a highly necessary part of human. Being existence on earth. Thus, the importance of water can be compared to the importance of air. All living Organisms whether it is human, animals, or plants. Everyone is completely depending on fresh and potable water.

Save yourself, Save Water

Water is the Driving force of all nature. That preserve water is a gift from the creator. protect it. Bright futures begin with clean water. life depends on water but the reservoir depends on you. conserve water and conserve life.

A Drop a Day Wastes the Water  
Away.

By:  
Narmatha R  
IV- ECE-B

நீர் 000...

நிறமில்லை, மணமில்லை  
சுவையுமில்லை...  
ஆனாலும் நீயின்றி உலகமில்லை  
உயிரில்லை! உடம்புமில்லை!  
சினிமாயும் எடுவாய்  
சினாயாயும் நகர்வாய்  
நதியாயும், நனைப்பாய்  
மழையாயும், கிண்பாய்  
உணவாயும், கட்டியாய்  
ஆவ்வளவு உயிரின் வாழ்வாதாரம் நீயே...  
உலகின் இன்றியமையா  
உயிற்றைகளின் வரலும் நீயே...

\* நீரை சிந்தனையாய் பயன்படுத்துவோம்.  
\* மழை நீரை சேமிப்போம்.  
\* உட்கிண்களில் மழை குவிக்கப்படும்.

D. Ushanandhini  
ECE 'B' II<sup>nd</sup> year

R. Narmatha  
IV ECE B

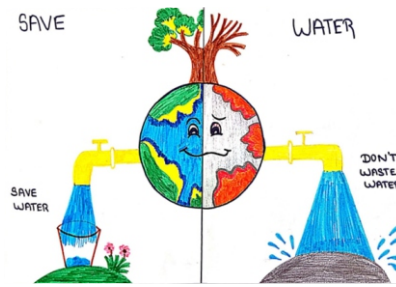
D. Ushanandhini  
II ECE B



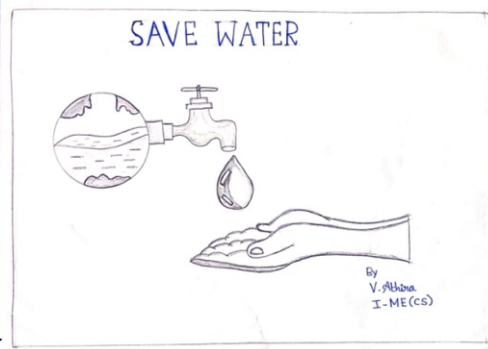
## Theme: Save water



K. Thirisha  
II ECE B



M. Devasree  
II ECE B



V. Athira  
I ME (CS)

## English Corner

### SOCIAL MEDIA LANGUAGE (Internet, email and texting conventions)

**YOLO** : **you only live once** (do things that are enjoyable or Exciting, even if they are silly or slightly dangerous)

e.g. Finished the whole bowl of ice cream, YOLO.

**IRL** : **in real life**

e.g. I have met you online, but do you think we'll ever meet **IRL**?

**PMJI** : **pardon my jumping in**

e.g. PMJI, but what are you talking about?

**YMMV** : **your mileage may vary**

e.g. Their first album is better, but of course YMMV.

**OOO** : **out of office**

e.g. He has put his OOO on.

**LOL** : **laughing out loud**

**LOLZ** : **when you think something is funny or you intent it as a joke**

e.g. I was just kidding, Lolz.

**IOW** : in other words

**HTH** : hope this helps

**F2F** : face to face

**BCC** : blind carbon copy

**AFAIK** : as far as I know

**BAK** : back at the keyboard

**AFK** : away from keyboard

**IDK** : I don't know

**THX** : thanks

**OTOH** : on the other hand

**BTW** : by the way

**HBD** : happy birthday

**ROFL** : rolling on the floor laughing

**GTO** : got to go

**BBS** : be back soon

**DIY** : do it yourself

**TBH** : to be honest

**IMO** : in my opinion

**FYI** : for your information

**PLZ** : please

**TAFN** : that's all for now

## Alumni Testimonials

### PAAVAI ENGINEERING COLLEGE



**V. VIGNESH**  
B.E, ECE, 2006 – 2010  
IT Manager  
Celcom, Malaysia

I will always be proud that I was part of Paavai during my years of study. The college provided the best education in engineering. One of the things I appreciated most about our college was the emphasis on teamwork and collaboration. The college has a strong community of students and professors who work together to achieve common goals. I always felt supported and encouraged by my peers and mentors. In addition to academics, Paavai also placed a high value on ethical behaviour and social responsibility. The college provided me with an exceptional education and invaluable experience that made me serve well in my career and beyond. I am grateful for the knowledge, experience, and lifelong connections I gained. Thanks to all the professors for being my guiding light during my engineering college years. Your knowledge and support made a significant impact on my life. My heartfelt thanks and wishes to Paavai Institutions.

### PAAVAI COLLEGE OF ENGINEERING



**S. DURGHESH**  
B.E, CSE, 2016-2020  
Senior Systems Engineer  
Infra Service Management, Infosys Limited

I was a student of Computer Science 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 such an institution.

### PAAVAI POLYTECHNIC COLLEGE



**S. VIJAYAN**  
DME, 2015-2018  
Sales Executive  
Gold Star Electronics L.L.C, Dubai

I am grateful to God for giving me such a wonderful opportunity to study at Paavai Polytechnic College. Teaching is good and they focus on each and every corner of the topic. They encourage us to take up various competitive exams.



# Paavai in Press



பாவை பார்மசி கல்லூரியில் பார்மசி கல்வி தினவிழா கொண்டாடப்பட்டது.

## பாவை கல்லூரியில் பார்மசி கல்வி தின விழா கொண்டாட்டம்

ராசிபுரம், மார்ச் 8- பாவை பார்மசி கல்லூரியில் பார்மசி கல்வி தின விழா கொண்டாடப்பட்டது. ஆரோக்கிய வாழ்விற்கு மருந்தாளுநர்களின் பங்களிப்பு இன்றியமையாதது என்னும் கருபு பொருளை மையமாகக் கொண்டு பார்மசி கல்வி தின விழா கொண்டாடப்பட்டது. அதனையொட்டி மாணவர்களுக்கு இணைய வழி கருத்தரங்கம் நடந்தது. இந்தியன் பார்மசி கல்வியின் தந்தை என

## பவளர்ச்சிக்கேற்ப மாணவர்கள் மட்டுத்திக் கொள்ள வேண்டும்



இன்று டிஜிட்டல் முறையில் முடிந்தன. ஊழாதி உயர்வாக உள்நிட்ட அனைத்துத் துறை ஆணம் மறிக்க கொண்டுக்கூறியன. எனவே மாணவர்களாகிய நீங்கள் தற்கால சமுதாயத்திற்கு பயன்படும் ஆட்டிப்பிசியல் இன் டெவிலிஷன், சைபர் செக்யூரிட்டி, மிஷின் லேர்னிங் இன் டெ.செர்டி ஆப் நிதில் போய்ஸ் பறிய தொழில்நுட்பங்களை நல்கு புரிந்து கொண்டு நடைமுறை பயிற்சியேடு சிறுபு

## தாலிடெக்னிக் மாணவர்கள்



மாமர்ச் 15- விலான பாட்டி கடைப் யாட்டு மிழகம் ந்து 11 சேர்ந்த கலந்து இப் அரை பேல்கெட்பால் போட்டியில் தொ மாநிலத்தில் முதலிடம் பிடித்து வரு கல்லூரி அணி வீரர்களுடன் சேர் துறை தாளாளர் மங்கை நடராஜன், இயக்கு உடற்கல்வி இயக்குனர் சந்தான ராஜ ரொரு

## வி நிறுவன ஆண்டு



செல்வாக்கில் திட்ட தளங் ளன. பயன் வி துணை ரன், பொ இலையுக் இயக் இயக் இயக் வித்ய ரோச



பாவை கல்வி நிறுவன ஆண்டு விழாவில் மாணவ மாணவியர் பங்கேற்ற கலை நிக நடந்தன.

## கல்விக்கு செலவிட வேண்டிய நேரத்

### செல்போனுக்கு செலவிடக்கூடாது மாணவர்களுக்கு ஈரோடு மில்கி மில்ட் சேர்மன் அறிவு

ராசிபுரம், மார்ச் 17- செல்போனை ஆக்கபூர்வமான செயல் களுக்கு மட்டுமே பயன்படு த்த வேண்டும் என மாணவர் களுக்கு ஈரோடு மில்கி மில்ட் சேர்மன் சதீஷ்குமார் அறிவுறு த்தினார். பாவை கல்வி நிறுவனங்களின் ஆண்டு விழா நிகழ்ச்சிகள் கல்பனா சாவ்லா திறந்தவெளி அரங்கில் நடந்தது. சேர்மன் ஆடிட்டர் நட



## வ கல்வி நிறுவனங்களில் கலாசார கலை விழா

ராசிபுரம், மார்ச் 20- உ அருகே உள்ள தல்வி நிறுவனங் கலாசார கலை விழா பாவை கல்வி நிறுவ னைவர் ஆடிட் ராஜன் தலைமை ரார். தாளாளர் டேராஜன் முன் தித்தார். கலாசார ட்டனம், பரதநாட் ட்டிய நாடகம், சிவதாண்டவம், ஆடை அலங்கார அணிவகுப்பு, மைம் போன்ற பல்வேறு போட்டிகள் நடந்தது. தமிழ், ஆங்கிலம், மலையாளம், இந்தி போன்ற பல்வேறு மொழிகளில் பல்வேறு கலா சாரங்களை வெளிப்படுத் தும் விதமாக மாணவ, மாண விகளின் கலை நிகழ்ச்சிகள் இடம் பெற்று இருந்தது. இதில் பாவை நிகழ்ச்சியாளர்

## பாவை கல்வி நிறுவனங்களில்

### முடிந்த ப கருத்தரங்கம்

ராசிபுரம், மார்ச் 23- அருகே உள்ள வி நிறுவனங்களில் ட்ட ப கருத்தரங்கம் கல்லூரி தலைவர் நடராஜன் தாளாளர், தாளா க நடராஜன் முன் தித்தார். மாணவி டிசேனர் வரவேற் ப்பு விருந்தினராக ர பிராட்டலைன் லஜிஸ் பிளரவேட் - நிறுவனர் ஆறுமு

## பாவை வித்யாபீரம் பள்ளிகளில்

### தாத்தா-பாட்டி தின விழா

ராசிபுரம், மார்ச் 26- பாவை வித்யாபீரம் பள்ளி க்கில் தாத்தா-பாட்டி தின விழா நடந்தது. பாவை கல்வி நிறுவனங்களின் தலைவர் ஆட்டிட்டர் நடராஜன் தலைமை தாங்கினார். மழையை வகுப்பு மாணவன் மைய வரவேற்றார். தாளா ளர் மங்கை நடராஜன் குறு வினக்கேற்றி விழாவை தொடங்கி வைத்தார். பன் ிகளின் இயக்குனர் சதீஷ் யாழத்தி பேசினார். விழா ில் பாவை கல்வி நிறுவனங் களில் தலைவர் பேசியதா ட்டம் - வாழ்வின திருவள்ளூர்

## விழா கொண்டா



புதுச்சேரி தலைமை வன காப்பாளர் ச முதிருக்கு, பாவை கல்வி நிறுவனங்கள் நடராஜன் நினைவு பரிசு வழங்கினார்.