



PAAVAI

EDUCATIONAL INSTITUTIONS

Think Education... Think Paavai.

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

PAAVAI VOICE

JULY - 2024

A MONTHLY BULLETIN

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Chairman's message

Dear parents and students,

Greetings from your Chairman,

As we step into the fresh academic year of 2024, it is with great enthusiasm that I extend a warm welcome to all with great enthusiasm. The reopening of Pavai Arts and Science College marks the beginning of a journey filled with opportunities for growth, learning, and innovation. As always, we are committed to fostering an environment that nurtures creativity, critical thinking, and holistic development.

To our new students, I extend a special welcome. Your induction into the Arts and Science program is not just a formal event but the beginning of an exciting chapter in your educational journey. The induction program is designed to introduce you to academic rigor, institutional resources, and the vibrant community that will support you throughout your studies. This is an opportunity to connect with your peers, meet your mentors, and start building the networks that will support you both academically and personally.

We are also thrilled to announce our Annual Alumni Meet, which will take place later this month. This event is always a highlight of the year, bringing together former students who have gone on to make significant contributions in various fields. Their experiences and insights serve as a powerful source of inspiration for our current students. The Alumni Meet is not just a time for reconnecting but also a platform for sharing knowledge and experiences, bridging the gap between academic life and the professional world. I encourage all students to actively participate and make the most of this opportunity to learn from those who once walked the same halls as you.

At the heart of every technological breakthrough lies rigorous research-meticulous, persistent, and driven by curiosity. Through research, we uncover new knowledge, push the boundaries of what is possible, and pave the way for innovations that enhance our lives. Whether in the fields of medicine, engineering, environmental science, or information technology, research remains the foundation upon which advancements are built. Technology, in turn, transforms these research insights into practical applications that shape our world. From the smartphones in our pockets to the renewable energy systems powering our homes, technology is the tangible outcome of relentless research efforts. It bridges the gap between theory and practice, bringing ideas to life and making them accessible to all.

As we stand at the forefront of this exciting era of innovation, our commitment to research and technology has never been more crucial. We must continue to invest in cutting-edge research, foster interdisciplinary collaborations, and encourage a culture of curiosity and creativity. Through these efforts, we will not only stay ahead in a rapidly evolving landscape but also contribute meaningfully to the betterment of society.

As we embark on this new academic year, let us do so with a commitment to excellence, a passion for learning, and a spirit of collaboration. Together, we can make the academic year 2024–2025 one of remarkable achievements and memorable experiences.

Wishing you all a productive and fulfilling year ahead. Thank you for your continued dedication and support.

Warm regards,

Chairman

ALUMNI MEET

Paavai Engineering College organized an alumni meet for Batch: 2005 to 2021 on 21st July 2024. The welcome address was delivered by Dr.M.Premkumar, Principal, Paavai Engineering College. The Chairman, Paavai Institutions delivered the presidential address. In his address, he cherished the presence of every member and welcomed family members of alumni. He appreciated the greater heights achieved by the Paavai alumni. He mentioned about the alumni gatherings abroad where alumni of Paavai eagerly awaited to interact with Chairman and Correspondent. He stated that the concept of success is not only to think about it but to start working on the process and perseverance. He advised the gathering to follow certain principles like hard work, persistence, active listening, respectful attitude, patience, adaptability and belief in God.

Any technology will grow naturally and help the mankind to live a comfortable and convenient life. He also insisted that any technology has two sides like a positive and a negative, similarly the technology developed must be environment friendly, sustainable and should not be tampering the environment of the globe. Ms.V.Shanmathi, final year BE ECE, introduced the chief guest.

Mr.Thiago Henrique De Lima, R&D Team lead, Philips Healthcare Systems, Brazil and India delivered the keynote address. In his address, he explained the efforts of developing an equipment and software in healthcare industries. He stated that user experience and technology to link patients with the doctors are well developed like Telemedicine, APPs, etc. He explained the importance of cyber security in healthcare systems and stated that there is 60% probability of cyber-attacks. He also added the usage of Cloud Computing methods, Artificial Intelligence and machine learning has been around 900 Billion Dollar business across the globe. He insisted everyone to find their passion and purpose to make a difference in one's life.

Smt.Mangai Natarajan, Correspondent, Paavai Institutions, felicitated the gathering. In her address, she stressed the fact, that scientific innovations and research are key factors for better survival with values. She uttered the Paavai Mantra 'Own our words and deeds'. She also insisted that the new innovations should be social responsible and economic viable. Finally, the vote of thanks was proposed by Mr.Arun Dev, Alumnus of ECE, Batch:2004-2007.



INDUCTION PROGRAMME FOR THE STUDENTS OF PASCW & PPC

FDD organized a five day Induction Programme for the I-yr students of PASCW. The Induction Programme was held from 01.07.24 to 05.07.24 at Keerthi Hall, PASCW. The inauguration of the programme commenced by lighting of the kuthuvilakku. Ms.Asmitha II-B.Sc-CS, PASCW welcomed the gathering. Shri.CA.N.Natarajan, Chairman, presided over the function and ingrained Paavai values in the minds of students. Smt. Mangai Natarajan, Correspondent, offered felicitations and welcomed all the first year students into the portals of Paavai. The Chairman, conducted the session on the topic entitled 'Goal Setting'. Dr.K.Selvi, Dean Academics, PEC delivered her speech on 'Paavai Culture'. Dr.J.Murshitha Banu, Head, FDD, PEC elaborated the essence of 'Be Fluent'. Dr.M.Prem Kumar, Principal, PEC spoke on the title 'Involve to Evolve'. Dr.C.Jayalakshmi, Dean Counseling, Paavai Institutions delivered her speech on 'Transition from School to College'. Dr.Hepsi Rachael Chellarani, Principal, PCNR explained the eating habits, nutritious food, to make the students to understand the importance of balanced food. Dr.D.Banumathy, HoD - CSE, PEC, delivered on the title 'Be Liberated Be Happy'. Dr.K.Sundaramurthy, Head, IQAC, PEC addressed the students on 'Time Management'. Dr.E.Kamalasekar, ASP, PPSC addressed the students on 'Life Skills'. Mrs.S.Sasikala, HoD, Mathematics, PASCW delivered her speech on 'Examination System'. Dr.R.Mohanapriya ASP, ECE, PEC elaborated on the significance of 'Online Learning Tools'. Mrs.Pradeepa, AP, Maths, PEC elaborated the topic, 'Beauty of Mathematics'. Mr.Thamaraiselvan Head, P&T, PEC delivered his speech on 'Career Development'. Mr.Elavarasan, yoga trainer demonstrated the various Asanas and yoga exercise. Totally 270 students benefitted from this programme.

FDD organized a three day Induction Programme for the first year students of Paavai Polytechnic College. The Induction Programme was held from 02.07.2024 to 06.07.24. The programme started with a prayer song followed by lighting of the kuthuvilakku. Ms.B.Subhasree, II-BME, PPC welcomed the gathering. Shri.CA.N.Natarajan, Chairman presided over the function and delivered the inaugural address. He inaugurated the Induction Programme. Smt. Mangai Natarajan, Correspondent offered felicitations and welcomed all the first year students into the portals of Paavai. The objectives and methodology of the Induction Programme were read out by Ms.G.Shruthi, I-CSE, PPC. After the inauguration, the formal sessions commenced. Shri.CA.N.V.Natarajan, Chairman, conducted the session on the topic entitled 'Goal Setting'. Dr.K.Selvi, Dean Academics, on 'Paavai Culture'. Dr.C.Jayalakshmi, Dean Counseling, Paavai Institutions, delivered her speech on 'Transition from School to College'. Mr.Thamaraiselvan Head, Placement and training, PEC delivered his speech on 'Career Development'. Mr.T.S.Gowtham, Principal, PPC addressed on the topic 'How to approach diploma subjects'. Dr.K.Sundaramurthy, Head, IQAC, PEC addressed the students on 'Time Management' and Mrs.Pradeepa, AP, Mathematics, PEC elaborated the topic, 'Beauty of Mathematics'. Totally 135 students benefitted from this programme.



INDUCTION PROGRAMME FOR THE FACULTY MEMBERS

The faculty development department organized a six day Induction Programme for the recently recruited faculty members to make them familiar with the institutional practices and the instructional strategies of teaching and learning, because teachers are considered to be the pillars of Paavai. The inaugural ceremony was held at Smart hall on 11.07.2024. The programme started invoking God's bountiful blessings with the prayer song, followed by lighting of the kuthuvilakku. Shri.CA.N.V.Natarajan Chairman, Paavai Educational Institutions delivered the Inaugural Address. He highlighted the importance of Induction Programme which enables the new faculty members to acclimate to the philosophy and DNA of Paavai. He also added that the various input sessions will chisel them to become effective teachers and micro teaching sessions will help to identify their flaws while delivering a lesson and with the directions given by the panel members the teachers will work towards becoming innovative teachers and make their classes engaging and enjoyable. Smt. Mangai Natarajan, Correspondent in her felicitation reiterated that the teachers who are the pillars of Paavai are always celebrated. She added that teachers have to carve an identity for themselves by identifying their area of specialization. The relevance of technical terms and class delivery given in the Presenter's Manual was also explained in her speech. Dr.K.Selvi, Dean Academics, PEC welcomed the gathering. The objectives and methodology of the orientation programme were read out by Dr.J.Murshitha Banu Head, FDD. 39 faculty members from Paavai Educational Institutions attended the Induction Programme.

After the inauguration, the formal sessions commenced. Shri.CA.N.V.Natarajan Chairman, Paavai Educational Institutions, Dr.K.K.Ramasamy, Director Administration, Paavai Educational Institutions, Mrs.C.Jayalakshmi, Dean Counseling, Dr.M.PremKumar, Principal, PEC, Dr.B.Murali Babu, CoE, PEC, Dr.K.Selvi, Dean Academics, PEC, Dr.I.Rajendran, Dean Research and Innovation, PEC, Dr.N.Ezhili, Principal/PASCW, Dr.T.Kalaiselvi, Director - MBA, PEC, Dr.J.Murshitha Banu, Professor and Head, FDD, Dr.K.Sundaramurthy, Head, IQAC, Dr.D.Bhanumanthy, HoD-CSE, Dr.Mohanapriya, HoD-ECE and Elavarasan, Yoga trainer were the resource persons for the programme who shed light on pertinent topics such as, 'Paavai on the Path of Progress', 'Be Ethical', 'Teachers are the Real Parents', 'Attitude, Skill and Knowledge', 'Triple S relationship', 'Paavai Culture', 'Inclination towards Research', 'Pedagogy for Professional Enrichment', 'Design Thinking and Creativity', 'Embracing Continuous learning for Success', 'Be Fluent', 'Navigating Outcome based Education - A Roadmap for Excellence', 'Be Liberated, Be Happy', 'Smart Teaching' and 'Yoga and Meditation'.

Shri.CA.N.V.Natarajan, Chairman, Paavai Educational Institutions conducted the session on the topic entitled 'Paavai on the Path of Progress'. The progress of Paavai was the result of hard work and consistent efforts of the stakeholders of Paavai. He added that Paavai faculty members should be the epitome of qualities such as commitment, empathy, knowledge, care etc. Students should be harnessed to transform into icons of modern India with traditional roots. Students should have clear goals and ambitions and should work towards becoming innovators and trendsetters.

Mrs.Jayalakshmi, Dean, Counseling, illustrated that 'Teachers are Real Parents' by citing various lifetime incidents. Dr.K.K.Ramasamy, Director Administration, expounded on the different roles and responsibilities of the teachers. Dr.K.Selvi, Dean, Academics, PEC explained the significance of Paavai Culture, Paavai Mantra and Paavai beliefs. Dr.M.PremKumar, Principal, PEC, emphasized the

importance of developing a right attitude to serve as worthy members of Paavai. He explained that. 'One's attitude determines one's Altitude'. Dr.B.Murali Babu, CoE elaborated on the significance of 'Triple S relationship'. Dr.J.Murshitha Banu Professor and Head, FDD elaborated on the importance of English language and communication skills for students in the job market. Dr.N.Ezhili, Principal, PASCW in her topic entitled 'Pedagogy For Professional Enrichment' emphasized the quintessential need for pedagogical practices to make learning engaging and interesting for students. She further highlighted the different strategies and techniques of teaching and learning to make the classroom interactive and interesting. She also cited many real time experiences which made her session lively. Her second session on the topic entitled 'Design Thinking and Creativity' made all the new teachers understand that creativity is intelligence having fun and all creative ventures in the field of research were a result of lateral thinking and innovation. The photographer of many of her research projects kindled a lot of interest amid the new faculty members.

Dr.I.Rajendran, Dean Research and Innovation, PEC through his topic 'Inclination towards Research' stressed on the importance of research, which will elevate the status of Paavai Institutions in the field of research and innovation. Dr.D.Banumathy, HoD, CSE explained the topic 'Be Liberated, Be Happy' with various activities. Dr.Mohanapriya, ASP, ECE explained the importance of Smart Teaching. She directed the faculty members to make use of online teaching resources. She engaged the participants using online tools to make learning effective. Dr.T.Kalaiselvi, Director, MBA-PEC through her topic 'Embracing continuous learning for success' elucidated that the process of teaching involves continuous learning and every teacher should be updated and transfer the knowledge effectively to their students. The various antidotes and stories gripped the audience in awe and creative activities like SCAMPER will make the students participative and productive in the classrooms. Dr.K.Sundaramurthy, Head-IQAC, PEC through his topic 'Navigating Outcome based Education – A Roadmap for Excellence' addressed the dynamic requirements of the modern era where the emphasis is on holistic learning, digital literacy and skill development. This is in alignment with the New Educational Policy which signifies a transformative step in the field of education. Mr.Elavarasan, Yoga Trainer demonstrated the various asanas and yoga exercise.Each resource person explained, elaborated and had an interactive session with the faculty members.

Around fourteen topics were handled during the sessions. Every faculty member gave a model presentation of their teaching units and feedback was given to enhance their teaching skills. The programme thus catered to the needs of the inductees and the Faculty Development Department expressed its willingness to hand hold them till they acclimatize to Paavai. The valedictory function was held on 19.07.2024 at Smart Hall at 02.00 pm. All the faculty members recorded their feedback and the induction programme concluded.



ACADEMIC EVENTS

On behalf of Women Welfare Committee, PEC, a seminar was conducted on Awareness of Cervical Cancer at Kalam's Chamber on 01.07.24. The Presidential address was given by Dr. Hepsy Rachel Chellarai, Principal, PCNR. She also explained about the role of vaccination in preventing the disease. Dr.M.Sangeetha, D.G.O, FICOG,MCCG, Obstetrician and Gynaecologist, Vidya Medical Centre, Salem, the guest speaker explained the causes, symptoms & prevention of Cervical Cancer.



The Indian Society for Technical Education and the Department of IT, PEC jointly organized a guest lecture on 'Blockchain Technologies' on 01.07.24. Dr. M. Premkumar, Principal, PEC, presided over the function. In his presidential address, he emphasized the significance of Blockchain technologies, highlighting their role in preventing fraud and unauthorized activities. Dr. K. Saravanan, Deputy Director, CUIC, College of Engineering, Anna University, Guindy Campus, was the resource person.



A guest lecture programme was organized for the 2nd and 3rd year CSE students of DCSE, PPC on 08.07.24. The guest speaker Mrs.V.Anitha, AP, CSE, PEC delivered a lecture on 'RDBMS'. In his lecture, she explained about the relational database management system and use of data various fields and its applications. Finally, she shared her personal experiences to enable students to understand the database. The session was interactive and helped the students to clear their queries by the resource person.



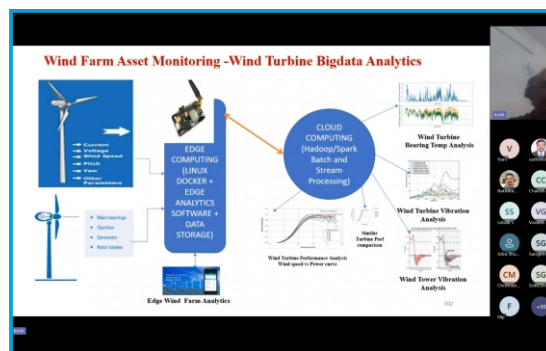
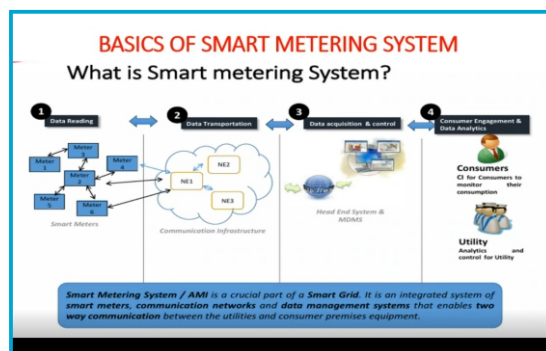
Karma Veerar Kamaraj's Birthday and Educational Development Day were celebrated on 15.07.24, by the Department of Tamil and English at Pavai Arts and Science College for Women. To mark the occasion, we organized an elocution competition, a painting competition, and a poetry competition to motivate the students. Students from various departments and faculties participated in the event, making it a memorable occasion.



In celebration of Election Day on 16th July at our college, we held elections for the positions of Student President, Vice President, Secretary, Joint Secretary, and various club in-charges and members. The event was organized by our Senior Principal Madam, with the support of the students of PASCW for their respective candidates.



The Department of EEE, PEC, organized a virtual faculty development program on 'Emerging Trends in Advanced Power Engineering Applications' from 22.07.24 to 26.07.24. Mr. S.Selvakumar, M.E., Power Projects, Chennai, served as the resource person on day one, discussing 'IoT Devices and Data Monitoring: Protecting & Maintaining IoT Devices' in the power sector. Dr. R. Krishnamoorthy, MBA, M.E., Ph.D., from the Tamil Nadu Electricity Board, Mount Road, Chennai, the resource person on day two, focused on 'Role of AI and IoT in Smart Grid Technologies'. A.M. Chitralegha, M.E., Engineering Manager (MEP) at Larsen & Toubro Ltd, Chennai, on day three, discussed on 'AI & IoT's Impact on Optimizing Renewable Energy Systems. Dr. S. Uma, Associate Professor/EEE, Anna University, CEG, Chennai, addressed IoT and Cybersecurity for Electrical Power Systems on day four. Dr. V. Royna Daisy, Assistant Engineer, Lines, TNEB, Mettur, concluded the program on day five, focusing on AI & ML Techniques in the power system.



The Aadi Pattam Thedi Vidhai event was successfully held on 27.07.24, at M.S. Swaminathan Vayal Kudam, PEC. The event aimed to promote traditional seed conservation and sowing practices. Dr. A. Vivekanandhini, Head of the Department of Agricultural Engineering, led the ceremony, which was graced by the presence of L. Mohanalaxmanan, Assistant Agriculture officer, students actively engaged in the seed sowing activity, showcasing various traditional seed varieties.



On 22.07.24, Department of CS & Commerce, PASCW, organized an activity on the topic Tech Trove and Resume Building. The event was presided over by Dr. J. Thavamani, Principal, and Mrs. D. Kokila, HOD, who encouraged the students to participate actively. The program commenced with a prayer song by the students. With the support of all staff members, the activity was conducted using a PowerPoint presentation. A total of five student teams participated, explaining the details of online



We conducted an online webinar on 'Fundamentals and Essentials of Clinical Trials' with Dr. B. Mothish Waran, Pharm.D, Clinical Research Associate at the Interdisciplinary Institute of Indian System of Medicine, SRM Institute of Science and Technology, Kattankulathur, on 18.07.24. He highlighted the importance of clinical research and the job opportunities in the pharmaceutical field. B.Pharm and Pharm.D students participated in the webinar.



On 27.07.24, Paavai Velaan Mandram and Paavai Organic Farming organized a traditional seed presentation. The event commemorated World Nature Conservation Day. Dr. A. Vivekanandhini, Head-Agri led the event. The chief guest R J Senthil, Assistant Seed Officer, delivered the keynote address. Students showcased various traditional seed varieties. The event highlighted the importance of preserving natural heritage. Participants engaged in discussions and knowledge-sharing sessions.



In memory of our former President, Dr. A. P. J. Abdul Kalam, the Department of English and the Department of Tamil conducted an event titled "Missile Man of India" on 29.07.24. Various competitions were organized, and students eagerly participated in drawing, speech competitions, essay writing, and poetry writing. Students from various departments showcased their talents.



SOCIAL SENSITIVITY

On 02.07.24, TQI visited Ayothiyapattinam Government Higher Secondary School to collect the toppers list and passbook xerox copies. The volunteers introduced themselves to the headmaster and staff coordinator, Mrs. Gnanageetha, who welcomed them warmly and congratulated on our academic year volunteering. She guided the TQI members to the 9th, 10th and 11th-grade classes. TQI members thanked Mrs. Gnanageetha and the headmaster. It was a memorable day.



On 16.07.24, TQI Kanaa team visited Model Mallur School to conduct an awareness session about the Inspire Award. The goal was to inform and motivate students from grades 6 to 9 to participate. The volunteers provided an overview of the Inspire Award, including its purpose, benefits, and eligibility criteria, and explained how it can enhance students' scientific skills and creativity. Success stories from previous participants were shared to inspire the students.



On 21.07.24, TQI volunteer in the Namakkal cluster (Palayapalayam, Muthukapatty, Sivanikanpatty), welcomed the parents and students, introduced TQI and explained the student holistic development program, including summit and thematic classes. TQI volunteers distributed diaries and planners, conducted DOD session, and requested parental consent for future classes. Feedback was collected, and the sessions concluded enthusiastically.



Faculty Journal Publications and Patents

Name of the Faculty with designation	Journal / Patent Name	Title of the Journal / Patent/ Article	Reference No.
Dr. C. Nirmala Prof-BIO TECH, PEC	Value Added Products from Food Waste-	Keratinase: A Futuristic Green Catalyst and Potential Applications	ISBN 978-3-031-48143-7
M. Sivaranjani AP-CSE, PEC	Melanoma Skin Cancer Cell Detection using Image Processing: A Survey	Scopus	ISSN:2376-5992
M.Saranya, ASP-IT, PEC B.Murali Babu, Prof-EEE, PEC M.Pushpalatha, ASP-IT, PEC V.Anitha AP-IT, PEC	Internet of Medical Things Leveraging Machine Learning for Remote Health Monitoring	African Journal of Biological Sciences (Scopus)	2663-2187
Dr.V.Priya AP-CSE, PEC	Securing Cloud Computing with Block Chain and Distributed Intrusion Detection System	TIJER-International Research Journal	Vol. 11 NO. 7, ISSN:2349-9249
Dr.R.Mohana Priya Prof-ECE, PEC Dr.M.Shanthakumar, ASP-ECE, PEC	African Journal of Biological Sciences	Smart Biosensors and IoT with Machine Learning Applications in Environmental Monitoring	Volume: 6, Issue 7,2024 ISSN No: 2663-2187
Dr.R.Mohana Priya Prof-ECE, PEC	African Journal of Biological Sciences	Internet of Medical Things Leveraging Machine Learning for Remote Health Monitoring	Volume 6, Issue 8, 2024, ISSN: 2663-2187
Dr.M.Shantha Kumar ASP-ECE, PEC	African Journal of Biological Sciences	Bioinformatics in the Age of IoT Using Machine Learning Approaches	Volume 6, Issue 8, 2024, ISSN: 2663-2187
Dr.A.Rathinam ASP-EEE, PEC M.Raja AP-EEE, PEC	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	Using Anti-Parallel Voltage Sources, A Low-Power Multilayer Inverter with Fewer Switches'	ISSN (O) 2321-2004, ISSN (P) 2321-5526
Dr.C.Arulkumar AP-EEE, PEC	Journal of Energy Storage	Improved Electrochemical Performances of CuCo ₂ O ₄ /CuO-Based Asymmetric Device with Ultra High Capacitance and Attractive Cycling Performance	Volume: 6, Issue 7, 2024 ISSN No: 2663-2187
G. Uma Maheswari ASP-EEE, PEC Dr.G. Balaji Prof-EEE, PEC	International Advanced Research Journal in Science, Engineering and Technology	Analyzing the Monitoring and Controlling of Electric Bike	Vol. 11, Issue 7, July 2024 DOI: 10.17148/ IARJSET.2024.11720

Name of the Faculty with designation	Journal / Patent Name	Title of the Journal / Patent/ Article	Reference No.
Dr.C.Arulkumar AP-EEE, PEC	International Journal of Advanced Research in Computer and Communication Engineering	Five-Stage, Single-Source Multilevel Inverter for Gridconnected Photovoltaic Systems	Vol. 13, Issue 7, July 2024 DOI: 10.17148/IJARCCE.2024.13710
Dr.P.Muthusamy Prof-CyberSecurity, PEC	Bulletin of Electrical Engineering and Informatics	Harnessing DBSCAN and Auto-Encoder for Hyper Intrusion Detection in Cloud Computing	Vol. 13, No. 5, October 2024
Dr.P.Muthusamy Prof-CyberSecurity, PEC	Journal of the Electrochemical Society	Optimization Strategies for Maximizing Power Output in Low Voltage Systems Using KNN-LN Lead-Free Piezoelectric	Manuscript ID JES-112837
Dr.L.Vasanth AP-BME, PCE	IJRPR	Performance Analysis of MIMO System using BICM and ID	ISSN 2582-7421

Book Publications

Name of the Faculty with Designation	Title of the book	Name of publications	Reference No.
M.Sathyasundaram AP-CSE, PEC	Artificial Intelligence in Medicine - A Combined Neuro-Fuzzy and Naïve Bayes Approach for Swine Flu Disease Prediction	CRC Press	eBook ISBN 9781003369059

Funding Proposal Submitted Details

Name of the Faculty with designation	Title of the Proposal	Nama of the funding Agency	Submission Date	Status
G. Swathi AP-Chemical, PEC	Preparation of Bioplastic from Sterculia Foetida Leaf	MSME		Fund Sanctioned (13 lakhs)

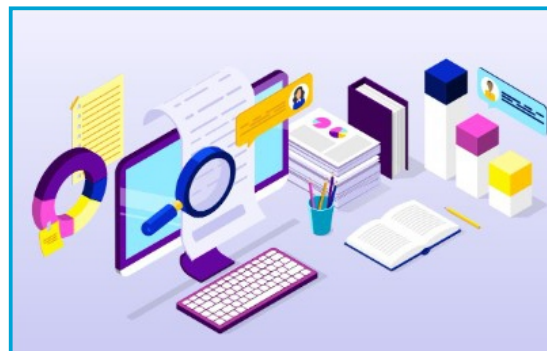
Student Journal Publications and Patents

Name of the Student with dept	Journal / Patent Name	Title of the Journal / Patent/ Article	Reference No.
M.Yashica II-ME, PEC	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	'Using Anti-parallel Voltage Sources, a Low-power Multilayer Inverter with Fewer Switches'	ISSN (O) 2321-2004, ISSN (P) 2321-5526
M.Kamali B.Boomathi M.Manibarathi R.Gunapriyan IV-CSE, PEC	TIJER-International Research Journal	Securing Cloud Computing with Block Chain and Distributed Intrusion Detection System	Vol. 11 NO. 7, ISSN:2349-9249

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- ⬆ **Encouraging collaboration:** When research is freely available, it's easier for scientists to build upon each other's work and collaborate across institutions.



1. Leverage Open Access Databases

Open-access databases are treasure troves of freely available scholarly articles. Here are some of the best options:

PubMed

- ⬆ **Central (PMC):** A free full-text archive of biomedical and life sciences journal literature.
- ⬆ **Directory of Open Access Journals (DOAJ):** A community-curated online directory that indexes high-quality, open-access, peer-reviewed journals.
- ⬆ **ArXiv:** A repository of electronic preprints for physics, mathematics, computer science, and related fields.
- ⬆ **CORE:** The world's largest collection of open-access research papers.

Pro tip: Many of these databases offer email alerts for new papers in your area of interest, helping you stay up-to-date with the latest research.

2. Utilize Academic Search Engines

- ⬆ Specialized academic search engines can help you find both open-access and potentially accessible papers:
- ⬆ **Google Scholar:** The most popular academic search engine, with features like cited by and related articles.
- ⬆ **Microsoft Academic:** A free public web search engine for academic publications and literature.
- ⬆ **Semantic Scholar:** An AI-powered research tool for scientific literature.

These search engines often provide direct links to free full-text versions when available or point you towards institutional repositories.

3. Explore Institutional Repositories

Many universities and research institutions maintain their own repositories of scholarly work produced by their faculty and students. These repositories often make papers freely available to the public. Try searching for "[University Name] repository" to find these goldmines of information.

4. Check Author's Websites and Social Media

Many researchers maintain personal websites or profiles on academic social networks where they share their work. Try searching for the author's name followed by their institution or area of expertise. Platforms to check include:

- ⬆ ResearchGate
- ⬆ Academia.edu
- ⬆ LinkedIn

5. Contact the Authors Directly

If you can't find a free version of a paper, don't hesitate to reach out to the authors. Most researchers are happy to share their work and may send you a copy of their paper. Look for the corresponding author's email address in the paper's abstract or contact information.

6. Use Browser Extensions

Several browser extensions can help you find free versions of paywalled articles:

- ✦ **Unpaywall:** A legal and simple tool that searches for free versions of scholarly articles.
- ✦ **Open Access Button:** Searches for free, legal copies of research papers.
- ✦ **Kopernio:** Helps you access PDF versions of scientific articles.

7. Take Advantage of Preprint Servers

Preprint servers host early versions of research papers before they undergo peer review. While these papers should be approached with caution, they can be valuable sources of cutting-edge research:

- ✦ **bioRxiv:** For life sciences
- ✦ **chemRxiv:** For chemistry and related fields
- ✦ **SocArXiv:** For social sciences

8. Utilize Your Library's Resources

Don't forget about your local library! Many public and university libraries offer:

- ✦ Access to academic databases
- ✦ Interlibrary loan services
- ✦ Remote access to digital resources

Even if you're not currently a student, some libraries offer cards to community members that include database access.

9. Explore Sci-Hub Alternatives

While Sci-Hub is popular, it operates in a legal grey area. Instead, consider these alternatives:

- ✦ **Open Access Button:** A legal tool that helps you request access to research papers.
- ✦ **Lazy Scholar:** A browser extension that finds free full-text PDF versions of articles.
- ✦ **Unpaywall:** Another legal alternative that finds open-access versions of articles.

10. Stay Informed About Open Access Initiatives

Keep an eye on developments in the open access movement. Initiatives like Plan S are working to make all publicly funded research freely available. Following these developments can help you stay ahead of the curve in accessing free research.

Alternative Methods

Researchers can also get free access to research papers from other free websites like:

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Alumni Testimonial

PAAVAI ENGINEERING COLLEGE



A.MAHENDIRAN

B.E - EEE, 2017 - 2021

Project Manager,

Solar PEPCO Engineering Co LLC, Chennai

Getting admission in Paavai Institution was one of the best things that happened in my life. Faculty members here are just amazing. They don't just teach the book knowledge but also gave me guidance on how you can bring a change in the society. They make me feel that I had a lot of potential and make me to realize it. The course I have done is B.E in Electrical and Electronics Engineering and currently I am working in Solar, PEPCO Engineering Co LLC Center.

PAAVAI COLLEGE OF ENGINEERING



A.ARUNPRIYAN

B.E - EEE, 2017 - 2021

Project and Service Head

RH Technologies Pvt Ltd, Bangalore

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

PAVAI ARTS AND SCIENCE COLLEGE FOR WOMEN



M.PREETHI VIJAYAKUMAR

B.Sc,(CS) - 2018 - 2021

Associate Process Leader-Solution Architect

Brane Enterprises Pvt Ltd, Hyderabad

My college experience has been shaped and molded, transforming me into a stronger and more resilient individual. The challenges and opportunities I encountered helped me discover my strengths and weaknesses, and I emerged more confident and self-assured. The college's emphasis on innovation and creativity enhances my abilities and broadened my perspectives. The support and guidance I received from faculty and peers helped me navigate challenges and stay resilient in the face of adversity. I would like to thank the college administration and the staff members for forging me into the person I am today. I will always cherish the memories and lessons learned during my time here.

PAAVAI POLYTECHNIC COLLEGE



M.SANTHOSH

DAE - 2008 - 2010

Project Manager-Engineering Services

M/s Designtech Systems Pvt Ltd, Chennai

Paavai is more than just a place where I acquired technical skills; it's where I developed crucial life skills. The institution taught me how to learn, present, and lead effectively. The faculty, especially Mr. Chakravarthy, the Head of Department, played a pivotal role in my career development. He not only believed in me but also provided numerous opportunities to showcase my abilities and understand my own potential. His guidance in dedication, perfection, team management, multi-tasking, and administrative skills has been incredibly inspiring. I am also deeply grateful to the management for their support and for granting me the freedom to demonstrate my talents. Their efforts, along with the guidance from the faculty, have been instrumental in my growth.

The education and knowledge I gained at Paavai continue to be valuable in my daily work, helping me meet industry standards. The achievements are a testament to both the faculty and students, and I also want to acknowledge the higher management for their dedication to enhancing education, culture, and the overall learning environment. I highly believe Paavai as an excellent place to begin the career journey.

PAAVAI

Professionalism: Paavai instilled a high level of professionalism, equipping students with the skills needed to excel in their careers.

Academic Excellence: The institution is renowned for its rigorous academic standards and commitment to educational excellence.

Advanced Skills: Students gain advanced technical and life skills that are crucial for success in the industry.

Visionary Leadership: With strong guidance from mentors and faculty, including the Head of Department, students are prepared to lead and innovate.

Aministrative Expertise: The curriculum includes training in management and administrative skills, preparing students for various organizational roles.

Integrity and Dedication: Paavai fosters a culture of integrity and dedication, encouraging students to pursue their goals with commitment and ethical standards.

Wall of Fame



D.MANIBHARATHI

I-CSE, PCE

II Prize, Volleyball Tournament Indo Nepal

International Championship

Jammu&Kashmir-27.06.24-28.07.24

ENGLISH GROVE

SPORTS IDIOMS

Across the board (cards) - equal to everyone

e.g. Ten percent incentive were given across the board.

The ball is in your court (tennis) - it's your decision or responsibility to do something now

e.g. Do you think I should accept the job offer?

Don't ask me. The ball is in your court now.

Bark up the wrong tree (hunting) - you've got the wrong person or idea

e.g. I think you're barking up the wrong tree by blaming him for the missing money.

Blow the competition away (any sport) - win easily

e.g. If you wear that dress to the beauty pageant you are going to blow the competition away.

Call the shots (billiards) - make the decisions

e.g. While our boss is on vacation, Bob will call the shots.

Chip in (gambling) - help by donating money or time

e.g. The staff members chipped in 5 dollars each to buy the books for Raghu.

Get into the full swing (tennis) - be comfortable doing something after some time

e.g. It will probably take a month of working at my new job before I get into the full swing of things.

Shot in the dark (hunting) - a guess

e.g. I was lucky to win the quiz. All my answers were shots in the dark.

Start the ball rolling (ball sports) - begin something

e.g. Please can everyone be seated so we can start the ball rolling.

On the ball (baseball) - ready and able

e.g. The new receptionist is really on the ball when it comes to answering the phone.

Take a rain check (baseball) - accept at a later time

e.g. Sorry, I can't go to the movie today, but I would love to take a rain check.

Take the bull by the horns (bull fighting) - accept the challenge and try your hardest

e.g. Even though this new job will mean relocating, I think you should take the bull by the horns for once.

Time out (any sport) – break

e.g. Let's take some time out and grab a coffee.

Learn the ropes (sailing) - to understand how to do a particular job

e.g. The intern quickly had to learn the ropes so he could help plan the company event that week.

Blindsided (football) - caught unprepared

e.g. He complained about being blindsided by the decision.

பாவை பாலிடெக்னிக் கல்லூரியில் முதலாம் ஆண்டு வகுப்புகள் தொட...

ராசிபுரம், ஜூலை 4: பாவை பாலிடெக்னிக் கல்லூரியின் 2024-2025ம் கல்வியாண்டிற்கான முதலாம் மாண்டு மாணவர்களுக்குக் கான வகுப்புகள் தொடக்க விழா நடைபெற்றது. பாவை கல்வித் துறைகளில் தலைவர் நடராஜன் தலைமையிலான குழு தலைவர் கருப்பசாமி முத்துவேலு, கல்வித் துறைகளில் தலைவர் நடராஜன், மாணவர்களுக்கு அறிவுரை வழங்கி பேசினார். தொடர்ந்து...

பாவை வித்யாஸ்ரம் பள்ளிகளில் மாணவர்கள் குழு பிரதிநிதிகள் நியமன விழா

ராசிபுரம், ஜூலை 23: பாவை வித்யாஸ்ரம் பள்ளிகளில் மாணவர்களுக்கான குழு பிரதிநிதிகள் நியமன விழா நடைபெற்றது. தலைவர் நடராஜன் தலைமையில் குழு தலைவர் கருப்பசாமி முத்துவேலு, மாணவர்களுக்கு அறிவுரை வழங்கி பேசினார். தொடர்ந்து...

பாவை பொறியியல் கல்லூரியில் முன்னாள் மாணவர்கள் சந்திப்பு விழா

பாசிபுரம், ஜூலை 24: பாவை பொறியியல் கல்லூரியில் 2005 முதல் 2021 வரையிலான கல்வியாண்டில் பயிற்சி பெற்ற முன்னாள் மாணவர்கள் சந்திப்பு விழா நடைபெற்றது. தலைவர் நடராஜன் தலைமையில் குழு தலைவர் கருப்பசாமி முத்துவேலு, மாணவர்களுக்கு அறிவுரை வழங்கி பேசினார். தொடர்ந்து...

பாவை மகளிர் கலை, அறிவியல் கல்லூரியில் மாணவர்களுக்கு திறன்...

பாசிபுரம், ஜூலை 30: பாவை மகளிர் கலை, அறிவியல் கல்லூரியில் மாணவர்களுக்கு திறன் மேம்பாட்டு விழா நடைபெற்றது. தலைவர் நடராஜன் தலைமையில் குழு தலைவர் கருப்பசாமி முத்துவேலு, மாணவர்களுக்கு அறிவுரை வழங்கி பேசினார். தொடர்ந்து...

With best compliments from :

Paavai Engineering College (Autonomous)

Paavai College of Engineering

Pavai College of Technology

Paavai Polytechnic College

Pavai Arts & Science College for Women

Paavai College of Education

Paavai Teacher Training Institute

Paavai College of Pharmacy and Research

Paavai College of Nursing and Research

Paavai Institute of Allied Health Science

Paavai Physiotherapy Science College

Paavai Vidhyashram CBSE School

Paavai Matriculation Higher Sec. School

Paavai Vidhyashram School - Salem Campus

Paavai IAS Academy

Paavai Nrithyalaya



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