PAAVAI VOICE

AUGUST - 2023

A MONTHLY BULLETIN

Editorial Board:

Chairman's message

Dear parents and students!
Greetings from your Chairman

I hope this message finds you all in good health and high spirits. As we stride into a new academic term, I am pleased to reflect on our collective achievements and look forward to the exciting opportunities that lie ahead.

Academics is the cornerstone of our institution, serving as the foundation upon which we build knowledge, skills, and character. Nurture the minds of the students and guide them towards their intellectual pursuits. Together, we continue to uphold the highest standards of teaching and learning, empowering our students to become critical thinkers, problem solvers, and lifelong learners.

Firstly, I emphasize our unwavering pledge against drug abuse. Our institution stands firm in its commitment to creating a safe and healthy environment for all students, staff, and stakeholders. We recognize the detrimental impact of substance abuse on individuals and communities, and we remain steadfast in our efforts to educate, prevent, and support those affected by this issue.

Secondly, I am delighted to congratulate students who collaborate with Taiwan Universities an invaluable chance for our students to gain international exposure, expand their horizons, and develop crucial skills in their respective fields. We believe in the power of global experiences to enrich education and cultivate well-rounded individuals poised for success in an increasingly interconnected world. Furthermore, I am delighted to announce the commencement of the student internship program with Asian University. This collaboration presents a unique opportunity for our students to broaden their horizons, gain valuable experience, and foster cultural exchange. I encourage all eligible students to seize this opportunity and make the most out of their internship experience.

Research is the lifeblood of innovation, driving progress and shaping the future. Our institution stands at the forefront of discovery, where ground breaking research initiatives push the boundaries of knowledge and pave the way for transformative change. I applaud our researchers for their ingenuity and perseverance, as they tackle pressing challenges and uncover new insights that enrich our understanding of the world around us. Through a culture of innovation, we foster creativity, collaboration, and entrepreneurship, empowering our community to turn ideas into action and make a positive impact on society.

As we embark on this journey together, let us reaffirm our commitment to excellence in academics, research, and innovation. Let us embrace the spirit of curiosity and exploration, challenging ourselves to think differently, dream boldly, and pursue our passions with unwavering determination. I am confident that with your continued dedication and hard work, we will continue to thrive and make meaningful contributions to the world. Together, let us shape the future we envision. Thank you for your ongoing support and commitment to our shared mission.

Warm regards,

INTERNSHIP AT TAIWAN UNIVERSITIES

Paavai Engineering College has tie-up with many foreign universities and the students get opportunities for doing Internships and higher studies like M.S in International Universities. In the past years, our students from different engineering branches have got selected to do internships and M.S in Taiwan universities like Yuan Ze University and Asia University.

In the current academic year 26 final year students of different branches (11 from ECE, 9 from CSE, 3 from Pharmaceutical Tech, 2 from IT and 1 from Chemical) have been selected to do M.S in various specializations with 100% scholarships and a stipend of 25000 Rupees per month in Taiwan universities. Also this year, 138 students of different branches have undergone on-line internships of Taiwan universities on various courses like Mental Health, Healthy Aging, Global Health, Web design, AI applications in Management, Machine Learning and Artificial Intelligence. Moreover, 15 students (4 from Mechatronics, 4 from Pharmaceutical Tech, 3 from ECE, 2 from EEE, 1 from Bio Medical and 1 from Cyber Security) have visited Asia University, Taiwan during Aug, 05 – Aug, 20, 2023 to do internship on 'Artificial Intelligence'.

In the internship on AI, the students have learnt Python, Machine Learning, Numpy, Pandas, Neuro-Network, AWS etc. The exposure would form a base for them to build and develop further skills in the area of Artificial Intelligence. All the meritorious students were appreciated by the Chairman, Correspondent, Director - Administration, Principal, department Heads and the faculty members

Paramedical Students Pledge Against Drug Abuse

As per instructions of The Tamil Nadu chief minister's theme of Drug free Tamil Nadu. The Pledge against drug abuse conducted in our campus conducted in 11.08.23. The programme was inaugurated by Principal, Dr.R.Sivakumar, Paavai College of Pharmacy and Research, Namakkal. The programme started at the morning 10.00 am in Paavai College of Pharmacy and Research, Namakkal. The D.Pharm. B.Pharm, Pharm.D students and other paramedical students attended the programme. The pledge against drug abuse was taken. The programme closed with national anthem.

Review and Re-view

Review and Re-view programme for second and third year UG & PG students was held on 02.08.23 and 04.08.23 in Pavai Arts and Science College for Women. Shri.CA.N.V.Natarajan, Chairman, Paavai Institutions presided over the inaugural function. The function commenced with the prayer song. Smt. Mangai Natarajan, Correspondent, Paavai Institutions lighted the kuthuvillakku along with the dignitaries. A.Vedhavarshini of III B.A English welcomed the gathering.

The Chairman in his session 'Review & Re-view' enthused the students by stating the importance of time management and goal setting. He said that students' passion will drive them to the goal if they are strong in their objective. He then kindled the subsided goal of the students by explaining SMART goal which is Specific, Measurable, Achievable, Relevant and Time-bound.

He gave a statistics on goal setting in which people with written goals get hold of their goals for sure. He wished them to decide the goal, plan, visualize, break-up the task into small steps, create inspiration and start the action immediately. He asked the students not to compare themselves with others and start where they are, use what they have and do what they can. The valedictory function of the programme was held on 04.08.23. Students came out with their status of achieving goals and inner views, which were kindled by Chairman sir.

The programme came to an end with the vote of thanks proposed by Ms. D.Nathiya of II B.A English. The programme paved way for the students to tread in the right path in their career. The program also gave a clear vision on moral values and setting goals.

Wall of Fame

K GOBIDHA
III -BME – PEC
YOGA-NATIONAL LEVEL
2nd Rank
Siddher Karuvoorar Yoga Centre

SASITHARAN
III-B.Sc- Nursing
Javelin Throw
State level competitions
11.08.2023 & 12.08.2023

Inauguration and Installation of office bearers

The inauguration and installation of office bearers of various associations of Paavai Institutions was held on 09.08.23 at Anandha Arangam. The programme commenced with invocation followed with Tamilthaivazithu. In the presidential address, Chairman, Paavai Institutions insisted on ownership, commitment, dedication that every leader should possess. He also illuminated the audience with a story that focused on a mother who was keen in saving her child despite many hurdles. He also urged the students to understand their roles and responsibilities of their position and do their duties to the fullest form. He also mentioned the leadership traits possessed by different leaders like knowledge, wisdom, love, and affection.

Mr.Chandirasegarane Sridarane, Associate Director, Engagement Delivery Lead, Cognizant Technology Solutions, Coimbatore was the chief guest. He inaugurated the association for the academic year 2023-2024. He elucidated on the key corporate attributes – Knowledge, Skills, Attitude and Continuous learning that all students must possess for the growth of their career. He also emphasized on accountability and responsibility in the workplace. Importance of online certifications and programming languages like .NET, JAVA, ORACLE were also stressed as a part of his keynote address.

Newly elected members of the various associations – Secretary, Joint Secretary and Treasurer were inducted with batches and arm bands which was followed with a pledge and bestowment of responsibilities to uphold the dignity of the student's community, Institution, and the society. The occasion was graced by the Correspondent, Paavai Institutions who highlighted on trustworthiness and on being empathetic. Paavai always caters pathways for its students to enhance their skills for achieving success in their desired career for which this ceremony is an exemplar. Earlier Ms.V.Shanmathi, Final year ECE welcomed the gathering, and the vote of thanks was given by M.J Safa Fareen of final year BME. Directors, Deans, Principals of Paavai Institutions, Heads of various departments, faculty members and around 2,000 students attended the programme

ACADEMIC EVENTS

Paavai Institutions organized a one-day workshop for the office bearers of various Associations of all Paavai Institutions on 02.08.23. Mr.U.Jayaraman, Corporate Trainer and Consultant, Salem was the resource speaker. The objective of organizing this workshop was to inculcate the spirit of leadership, the roles, and responsibilities of office bearers among the students. In the presidential address, Shri. CA.N.V. Natarajan, Chairman of Paavai Institutions, expressed that such workshops would be enlightening for the students.

The Department of Electronics and Communication Engineering organized an Online Guest Lecture on 'Evolution of Science and Technology – Contemporary trends in academia and industries' on 02.08.23. Dr.A.E.Narayanan, Associate Professor, Department of Computer Science and Engineering, Periyar Maniammai Institute of Science and Technology was the resource speaker. He emphasized on the significance of this workshop as well as the numerous operations of our IIC & EDC cell.
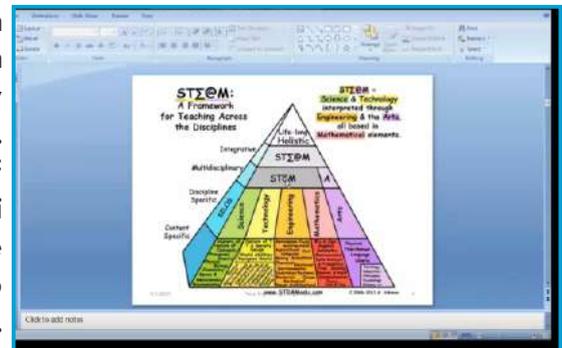
Department of MCTS in association with the Institution's Innovation Council & Entrepreneurship Development cell has organised a seminar titled Entrepreneurship on 04.08.23. It was aimed at disseminating knowledge to students about the basic details of the schemes that are provided by the EDII, TN. Mr. S. Gowtham, Master Trainer, Sona College of Technology, Salem Hub was the resource speaker.

The Department of Electrical and Electronics Engineering of Paavai Engineering College in association with Institution's Innovation Council organized a one day workshop on the topic of Hands on Training In Electronics Components on 04.08.23 at Kalam chamber.

On 04.08.23 ,Department of Computer Engineering, Paavai Polytechnic College organised a Seminar on 'Basics of Python Programming'. by Mr.M.Sundram, Assistant Professor CSE of PCT was the guest speaker. He ilaborated aboutthe basics of Python Programming

The Department of Chemistry organized an online guest lecture on 'Challenges and Opportunities in Solid Waste Management' on 04.08.23. Dr. P. Pachamuthu Assistant Professor (SG), Department of Chemistry, Bannari Amman Institute of Technology (Autonomous), Sathyamangalam, Erode, Tamil Nadu was the guest speaker. The objective of organizing the online guest lecture was to create awareness about challenges and opportunities in solid waste management.

On **09.08.23**, Tamil Literary Association conducted a Debate on the topic 'இன்றைய காலங்களில் இளைஞர்களிடம் தேடல் மிகுந்துள்ளதா? குறைந்துள்ளதா?' in the presence of the Principal Dr.J.Thavamani, in PASCW. Three students each came out with their opinions in favour of and against the topic. The students argued robustly to convey their points and views. Dr.K.Umamaheswari, Head of the Department of Tamil acted as the arbitrator.

Paavai College of Nursing and Research, Namakkal celebrated the lamp lighting ceremony for the first year B.Sc Nursing (Seventh Batch) on 09.08.23 from 2.30 p.m. to 5.00 p.m. The programme was inaugurated with lighting the traditional lamp by the Dignitaries on the dias.

The Review and Re-View programme is organized for third year students of Paavai College of Engineering. The meeting was held on 10.08.23 in Tata Hall, PCT. Shri. CA.N.V.Natarajan, Chairman, Paavai Institutions was the resource person. The main objective of this program is to review the goal and to make them understand the significance of goal setting through which they can succeed in their life. He defined the goal and insisted the students to review the goal and to accomplish the goal.

Online guest lecture on Advancements and Challenges in Composite Materials for Aerospace Structural Applications was organized by the Department of Aeronautical Engineering in association with Aeronautical Sector Skill Council (ASSC) on 10.08.23. Dr. R.Kousik Kumaar, Assistant Professor G-III, Department of Aeronautical Engineering, NITTE Meenakshi Institute of Technology, Bangalore was the guest speaker. Dr.M.Premkumar, Principal gave the Presidential address.

A Guest Lecture on 'Design and Analysis of Mechanical components' was organized by the Department of Mechanical Engineering and Resource Club on 11.08.23. The online guest lecture imparts basic knowledge on design and analysis techniques behind the various mechanical components. The resource person was Dr.G.Saravanakumar ASP-Mechanical BMSCE, Bangalore. Dr. M. Premkumar, in his presidential address urged the participants to utilize the opportunity.
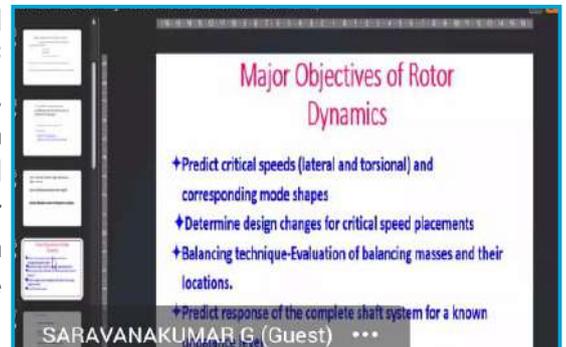
The Department of Cyber Security, PEC organized a webinar on 'Innovations in Cyber World' through online mode on 11.08.23. Dr. M.Premkumar, Principal, PEC emphasized the importance of organizing these kinds of events which would help the students to update their knowledge about the current technologies. The resource person Mr.Benjamin Owusu Ansah, the founder of Cyberbells ,SouthAfrica explained the cyber security concept and skills required to start a career in it.

The Department of Computer Science and Engineering in association with Alumni association cell organized a guest lecture on the topic 'Essential Step for Banking Careers' on 12.08.23. The presidential address was given by Dr.M.Premkumar, Principal, Paavai Engineering College. Mr.K.Rajagopal, Agri Relationship Manager, Federal Bank, Salem commenced the session with a quote 'Make Everything Possible'. He highlighted the importance of banking examinations and what are the special features in banking jobs for Engineering graduates.

Department of CSE, PCE organized a seminar on 'Classification and Clustering in Machine Learning' on 12.08.23The inaugural function was held in the presence of Dr. K. K. Ramasamy, Director – Admin, Paavai Institutions, Dr. A. Immanuvel, Principal, PCE and Mr. R. Murugesan, Head-CSE, Paavai College of Engineering. The guest speaker Dr. N. Jaisankar, Professor Higher Academic Grade, Department of Software Systems, VIT, Vellore delivered the lecture.

On account of 76th Independence Day celebration, English Literary Association of PASCW conducted 'Haiku and Poem Composition Competition' on 14.08.23. S.Dhanushiya,III BA Eng got the first prize, M.V.Mekavarshini, II MA Eng got the second prize and S.Kavya, II MA Eng got third prize in Haiku composition. A.P.Manjanavadivu, II BA Eng got first prize, S.Dhanushiya, III BA Eng got second prize and Ms.A.Asmitha of I B.Sc Computer Science got third prize in Poetry composition.

The Department of English, Paavai Engineering College organized an online guest lecture on 'English for Employment' on 14.08.23. Dr. S. Senthilkumar, Assistant Professor, Department of English, Kongu Engineering College, Perundurai, Tamil Nadu was the guest speaker. He discussed the prevalent negative factors among the students that prevent them from learning the language, and suggested solutions to overcome it.

Independence Day was celebrated in Paavai Institutions at Kalpana Chawla Open Theatre on 15.08.23. CA.N.V.Natarajan, Chairman hoisted the National flag, and initiated the event with national fervor at the outset. The Chairman, in his keynote address, conveyed his Independence day wishes to all the Directors, Deans, Principals, Hods, faculty members and non- teaching staff members.

English Literary Association of Pavai Arts and Science College for Women telecasted videos on 'How I taught my grandmother to read' by Sudha Murthy and 'Pride and Prejudice' by Jane Austen in Keerthi Hall on 18.08.23. The students enjoyed watching movies, which were prescribed by Periyar University as a part of English syllabus.

Math Association conducted an activity 'Fun with Maths' on 23.08.23 in PASCW. In this programme students were divided into five teams Alpha, Beta, Gamma, Delta and Sigma. Each team contained five students each. There were five rounds. First round was 'Math connection', second round was 'Jumbled words', third round was 'Collapsing', fourth was 'Quiz' and fifth round was 'Majority'. Finally, team 'Alpha' was announced as the overall winner.

The Department of Management Studies, PEC organized a guest lecture on World Entrepreneurs Day, titled 'Turn your passion into Profit' on 21.08.23.The presidential address was delivered byDr. M. Premkumar, Principal, PEC. The two guest speakers Ms. M. Abinaya and Ms. T. Anu Varshini, founder of Arva Trinkets, Salem who took over the session. Ms. T. Anu Varshini spoke on how modern technology is used to start and brand the business across the world with the help of social medias at low cost.

The department of MCA, PEC in association with IIC organized a one day seminar on Achieving 'Value Proposition Fit' and 'Business Fit' on 22.08.23.The function was presided over by Dr.M.Premkumar, Principal. The resource persons for the seminar were Mr.P.Vijayaragavan, Founder, Feathers Info Tech., Salem. The resource persons for the seminar were Mr.P.Vijayaragavan, Founder, Feathers Info Tech., Salem and Mr.M.Sureshkumar, Director, Feathers Info Tech., Salem.

Department of Food Technology,PEC & F5 Association conducted a seminar on 'Concept of Farm to Fork in Dairy' on 23.08.23. The resource person of the day Mr. S. Jayachandran enlightened the students with the importance of dairy and their products. He explained the process of milk and manufacturing of various products from milk. He also enlightened the students about innovations related to food. The types and nutrients composition of milk was explained in the session. The importance of Food technology, its benefits, and opportunities available through them were elaborated.

English Literary Association of PASCW conducted an activity 'Play with Proverbs' on 24.08.23. Students of I and II year PG students presented slides on Proverbs. The students actively participated and identified the right proverbs by looking at the pictures displayed. Students were encouraged by distributing prizes and chocolates as a token of appreciation. Dr.J.Thavamani, Principal presided over the function and appreciated the students for their wonderful presentation and participation.

The Department of ECE organized the Electronics Club event titled 'Power Prowess' on 24.08.23. E-Connection and Logo Finder competition was conducted. It was attended by 90 students from all the departments of PEC. Dr.P.Muthusamy, Professor &Head, MCA & Cyber security was the Jury. Udhayarasu.E and Pradeepkumar.P from the third year CSE-B got first place and Salman and Ranjith.B from the third year Cyber got second place.

Department of Agriculture Engineering, PEC conducted a guest lecture entitled on 'Watershed Management' on 24.08.23. Dr. M. Premkumar, Principal gave the presidential address. The session was then handed over to the chief guest Mr.S.Senthurpari, President and Our Alumni Mr.A.Gowtham ,Green Co-Ordinator, ExNoRa International Foundation,Chennai. They presented various activities of ExNoRa International Foundation and How to save water for future Generation and shared his experience in watershed Management Programme.

On 28.08.23, Department of Physics organised 'History of Chandrayaan'. She encouraged the students to participate in various competitions. Chandrayaan 1 was presented by K. Indumathi I B.Sc Physics and Chandrayaan 2 by K. Durga Devi & B.Sindhu of II B.Sc Physics and finally K.Deepika of III B.Sc Physics presented video on Chandrayaan 3. The students showed enthusiasm throughout the programme. Dr.J.Thavamani, Principal, presided over the function.
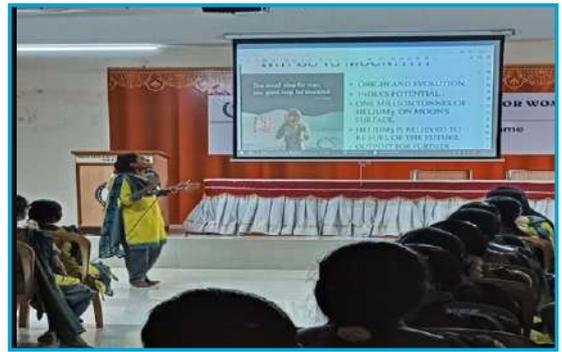
The inauguration of the Honeywell - Student Empowerment Program and the establishment of the Centre for Youth Empowerment took place on 30.08.23. The event was organized by the Department of CSE, PEC, in collaboration with ICT Academy, signifying a significant stride towards fostering student growth and empowerment. The presidential address was given by Dr. K. K. Ramasamy, Director-Admin at Paavai Institutions. The keynote address was given by Mr. V. Lakshmana Narayanan, Production Manager at ICT Academy, Chennai. During his speech, he elaborated on the significance of Customer Relationship Management.

On 30.08.23, Department of CSE, PASCW organised an association activity on the topic 'Knack Quest'. Dr. J. Thavamani, Principal presided over the function. Winners were finalized based on their performance from Round 1, Round 2 and Round 3. Team Python consisting of G.Varshika, C.Harini, B. Abinaya got the first prize. Team JAVA consisting of M.Kaniska, G.M.Marlin Joyce and V.Hemalatha received the second prize. Team C with R. Dharshini, V.Abinaya and V.Megadharshini got the third prize.

The Department of Chemical Engineering, PEC in association with the Institution of Engineers India (IEI), Salem Local Chapter, Salem conducted a guest lecture   on the topic 'Applications of Simulation Tools in Chemical Process Industries'on 31.08.23.. The resource person of the day is Dr.C.Gomadurai, Associate Professor of Chemical Engineering, Kongu Engineering College, Perundurai, Erode district. The guest briefed about the various simulation tools available and their applications in chemical process industries.

An online webinar on 'Understanding Artificial Intelligence: Foundations and Concepts' was organised by the Department of ECE, PEC on 31.08. 23. The online webinar started in the presence of Dr.M.Premkumar, Principal, Paavai Engineering College, Dr.M.Sudha, HoD, ECE, Mr. M.Murugan, Community Program Manager, GUVI, Mr.Raja Vasanthan, CEO of Grids and Guides and Master Mentor at GUVI, Chennai and faculty members, along with 400 student participants of all departments of PEC.

The Department of Pharmaceutical Technology in association with Medino organized a one-day webinar on 'Experimental Methods for Structure Based Drug Discovery' on 31.08.23. The resource person Dr. M. Nachiappan astonished with various information about new drug development process and experimental methods involved in predicting chemical structures of drug molecule. He also discussed about the different mechanisms involved in binding of drug and target.

Microbytes Innovation Club, Department of Mechatronics, Paavai Engineering College conducted the club activity – Technical Enigmas on 31.08.23. Totally 71 students participated from various departments. In the preliminary round general knowledge and current affairs questions are given. In the second round matching related questions are given, from that five students were selected for final round. First two places were selected based on their performance.Finally, jury – Dr. V Subburam, Professor of Mechanical Engineering, distributed the cerificates to the winner and runner.

The Department of Chemistry of PASCW conducted an association activity 'Chem Play' on 31.08.23. Four events such as Chem connect, Quizo-chem, Chemalloon and Jumbled words were conducted for the students of Chemistry, Physics, Nutrition and Dietetics, Mathematics and Geology. In the Event Chem connect, students participated and identified the pictures and answered eagerly. In Quiz-o-Chem questions were raised and students answered enthusiastically. The winners were cheered with prizes.

SOCIAL SENSITIVITY

On 02.08.23, TQI (Kanaa team) inspire awards at model School, Mallur. Totally 6 volunteers took part in this inspire awards. Each one did their role perfectly and carried the session in an effective way.

National Service Scheme, Paavai Engineering College, Namakkal organized the Organ Donation and Awareness Day on 02.08.23 on college premises. 100 NSS volunteers of Paavai Engineering College took the organ donation day pledge for donating organs.

Talent Quest for India (TQI) of Paavai Engineering College went to Government Higher Secondary School, Nallipalayam on 04.08.23 .It is a part of ULLAS summit classes. This session includes visual memory techniques, abbreviation, unscrambled words and group activities. They divided the teams with equal number volunteers along with a team lead.

On 05.08.23 Talent Quest for India (TQI) volunteers went to villages namely Bodinayakkanpatty , Muthugapatty, Alananatham and Sivanayyakkanpatty. The volunteers completed summit 1 day 1session and also completed our summit 2 day 2 session. And at the end small group activities were conducted for students with full of fun and learning.

National Service Scheme, PEC conducted a general orientation programme for all the third year NSS volunteers on 05.08.23 Mr.C.Rathnakumar, NSS Programme Officer, gave awareness to the students to get the NSS Awards and to participate in the National Integration Camps and Republic Day Parade. The NSS history, motto, logo, organizing NSS regular activities and special camp activities were presented to the volunteers. The NSS activities for the academic year 2023-24 were discussed.

The NSS of PEC in association with Government Hospital, Namakkal and Rasipuram organized a Blood Donation Camp on 07.08.23. Dr.Divya, Medical Officer, GH, Namakkal addressed the students on the importance of the blood donation. Dr.K.K.Ramasamy, Director-Administration, Paavai Educational Institutions presided over the function. In this camp, Dr.R.Senthilkumar, Blood Bank Medical Officer, Government Hospital, Rasipuram, Dr.S.Sudha, Medical

On 08.08.23, TQI volunteers completed the Inspire Awards at Mallur, School. This session involved the recap about the Inspire Award and the names were collected from the interested students for the project. Also, the volunteers motivated the students and encouraged them for showcasing their interest and ideas.

Paavai Engineering College, National Service Scheme, Namakkal conducted Awareness Programme against Drug Abuse on 11.08.23 and took the Pledge for Say No to Drugs and Yes for Life on the premises. Mr.C.Rathnakumar, NSS Programme Officer, Paavai Engineering College gave awareness to the students. Totally, 300 students participated in this awareness programme and benefitted.

TQI volunteers completed their summit 2 classes for Namakkal Schools on 12.08.23. This session was covered with day1 and day 2 of this summit. The topics covered in this session were Planning and Time Management. There was effective response from the students.

On 20.08.23 Gratitude meet for the Scholarship Exam trainers was held at Thiyagarajar Engineering College, Madurai. Totally 18 volunteers took part from Paavai Institutions .

Volunteers from Talent Quest for India, Paavai Engineering College was invited as chief guest for the orientation session at Theivanai Ammal College for Women,Vilupuram . TQI volunteers from that college actively participated in the program.

On 12.08.23, Paavai TQI volunteers completed their day 3 summit class 1. The volunteers talked about mind map techniques. It was an effective session as both student and teachers' co-operation were very good. At the end of the session, good feedbacks were received from the students and also from teachers.

Paavai TQI girls team successfully completed their summit day1 and day 2 classes. The volunteers talked about Introduction to human mind, memory technique and positive personality. They conducted small group activities for students with full of fun. Volunteers learnt new experience by teaching students. And at the end they got feedback from the students.

On 11.8.23, as per the order of TN Government, Anti Drug Awareness Pledge were taken by PPC students and staff.
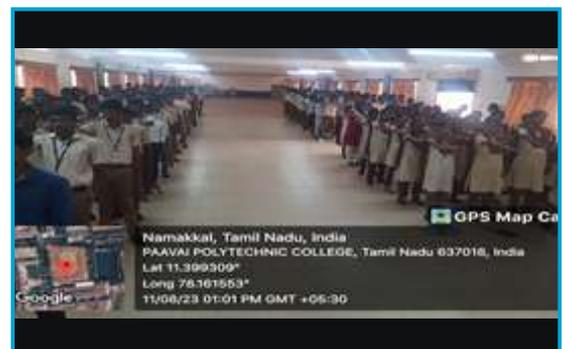
20 NSS PEC volunteers provided volunteership on 15.08.23 for free Eye Camp organized by Lions Club Puthuchatram in association with Vivekananda Eye Hospital, Tiruchengode. 200 people were benefited by this eye camp.

KEY ASPECTS TO BE NOTED WHILE WRITING A RESEARCH PAPER

A quality research article should possess the below standards to be considered for publication in reputed journals like Springer or Elsevier.

TITLE:
- Attract the readers' attention
- Be specific
- Keep it informative and concise
- Avoid jargon and abbreviations

Example:
1. *Original*: Preliminary observations on the effect of Zn element on anticorrosion of zinc plating layer.
2. *Revised*: Effect of Zn on anticorrosion of zinc plating layer.
3. *Remarks:* Long title distracts readers. Remove all redundancies such as 'observations on', 'the nature of\', etc.

ABSTRACT
- Make the abstract first and be firm in it. At the same time, try not to modify the abstract depending on the flow of the paper.
- If it tends to change, it means you have not done the literature survey properly.
- Make the abstract to be below 300 words.
- Be precise in mentioning an unsolved issue as well as your solution to that issue.
- Keywords are the labels of your manuscript. Use only established abbreviations (eg. DNA) and check the 'Guide for Authors'.

INTRODUCTION
- Make sure it has all the answers related to your research questions like What? How? Why? etc.,
- The goal of the intro is to identify as well as to clear the research question.
- However, make your introduction with a clear outline of your problem.

LITERATURE SURVEY
The literature survey is considered to be the bone of standard article because it leads to the development of new and innovative ideas.
- More care is needed while making literature survey because it only goes to prove how serious you are in your problem definition.
- Don't just list all the algorithms used in related works.
- Make a clear description on techniques related to your work with their drawback and how it is addressed in your work.
- So choose papers that have issues that could be resolved in your proposed system.
- Some journals expect Yes/No based tabulations on features and their existence in existing and proposed systems.
- It should show the gap between your proposed work and the existing works.

METHODOLOGY
- Make a precise but in-depth explanation of methodology.
- Create algorithms and pseudo-codes wherever necessary with citations, if any.
- Build the flow to be continuous and don't wander between concepts.
- Be connective in binding your concepts.
- Do not describe previously published procedures.
- Thus, on introducing the new technique into your problem definition, make the origin of the technique more clearly. Don't just start defining the technique into the problem. Embed it more carefully.

RESULTS AND DISCUSSION

- The results should contain elaborated discussion.
- At least 3 parameters are expected to be discussed on efficiency analysis.
- Make a clear tabulation on data used to make required graphs and figures.
- Mention in detail about simulation method, if used.
- Hint on the data set with its source, if used.
- Sum up the analysis, results, findings as well as contributions from the previous literature.

CONCLUSION

- In conclusion, strengthen and enrich your paper by mentioning few things that make your paper stand out from others.
- It sounds good if your work start like This is the first work implementing this technique (Just for the illustration I have mentioned).
- Usually reputed journals expect more work in the result and discussion part than that of the methodology part.
- Ensure all the figures in the article are with high resolution.
- Make proper connectivity between sections in the article.
- Follow the rule of the journal thoroughly even while mentioning bibliography.
- The references should be listed in the order in which it is referred.

ACKNOWLEDGEMENTS

Ensures that those who helped in the research are recognized.

REFERENCES

- Cite the main scientific publications on which your work is based.
- Do not use too many references.
- Avoid excessive self-citations.
- Avoid excessive citations of publications from the same region.
- Conform strictly to the style given in the 'Guide for Authors'.

WATCH ALSO THE FOLLOWING WHILE WRITING A PAPER

First, the sentences should be taken care. For example,

- Present tense for known facts and hypotheses.

  The average life of a honey bee is 6 weeks

- Past tense for experiments you have conducted.

  All the honey bees were maintained in an environment with a consistent temperature of 2 degrees centigrade…

- Past tense when you describe the results of an experiment.

  The average life span of bees in our contained environment was 8 weeks…

- Avoid abbreviations: it's, weren't, hasn't

Never use them in scientific writing. Only use abbreviations for units of measure or established scientific abbreviations, e.g. DNA

Source: https://researchbrains.com/how-to-create-a-quality-article-that-could-be-published-in-any-reputed-and-free-journals-like-elsevier-springer/

Faculty Journal Publications and Patents

Name of the Faculty	Journal Name	Title of the Journal	Reference No.
Dr.M.Arivukarasi ASP, CSE- PEC Dr.P.Thiyagarajan ASP, CSE- PEC N.M.K.Ramalingam Sakthivelan AP, CSE- PEC S.Uma AP, CSE- PEC V.Anitha AP, CSE- PEC	Phishing Webpage Detection Using Deep Learning	Advances in Science and Technology Research Journal	ISSN:2299-8624, Volume 19, Issue 2, Pages 451-460, Aug-2023
M.Sathyasundaram AP, CSE- PEC	Regional Language Translator and Event Detection Using Natural Language Processing	Machine intelligence for Smart Applications	ISSN:1860-9503, SCI, Volume 1105, pp. 229-242, Aug-2023
Dr.B.Venkatesan Prof, IT- PEC	IJCRCST	Bird Species Classification using Deep Learning	IJCRCST Volume1, Issue 1, ISSN:2395-5325
Dr.M.Sudha Prof, ECE- PEC Mr.S.Loganathan AP, ECE- PEC Rizwanabegam H AP, ECE- PEC	International Journal of Research and Analytical Reviews (IJRAR).	A Survey on Comparative Study of Network Topologies in Wireless Sensor Networks	E-ISSN 2348-1269, P-ISSN 2349-5138 Volume 10, Issue 3
Dr.M.Sudha Prof, ECE- PEC Mr.S.Loganathan AP, ECE- PEC A.Sujitha AP, ECE- PEC	Journal of Emerging Technologies and Innovative Research (JETIR)	Wireless Video Surveillance and Command Through Audio Transmitting System in Aerial Vehicle	ISSN: 2349-5162 Volume 10, Issue 8
Dr.K.Jagatheesan ASP, EEE - PEC		Modern PID/FOPID controllers for frequency regulation of interconnected power system by considering different cost functions	
Dr.R.Arravind, Prof, Aero- PEC Dr.D.Deepak, ASP, Aero- PEC Mr.D.Rajkumar, AP, Aero- PEC Mr.K.Gokulnath ASP, Aero- PEC	Patent	Quantum Enabled Coaxial Drone for Effective Multi-purpose Disaster Relief operation	202341052711

Student Journal Publications and Patents

Name of the Student	Journal Name	Title of the Patent/ Article	Reference No.
K.Abil IV AERO-PEC R.MohamedAlameen IV AERO-PEC M.ArsathParvez IV AERO-PEC G.Susigaran IV AERO-PEC S.Dharshini III AERO-PEC S.Vengatachalam III AERO-PEC B.Rithika III AERO-PEC	Patent	Quantum Enabled Coaxial Drone for Effective Multi-purpose Disaster Relief operation2	02341052711
S.Vikram Raja IV IT- PEC	IJCRCST	Bird Species Classification using Deep Learning	Volume1, Issue 1, ISSN:2395-5325
A.Sujitha II ME (CS) - PEC	Journal of Emerging Technologies and Innovative Research (JETIR)	Wireless Video Surveillance and Command Through Audio Transmitting System in Aerial Vehicle.	ISSN: 2349-5162 Volume 10, Issue 8
Rizwanabegam H II ME (CS) - PEC	International Journal of Research and Analytical Reviews (IJRAR).	A Survey on Comparative Study of Network Topologies in Wireless Sensor Networks	E-ISSN 2348-1269, P-ISSN 2349-5138 Volume 10, Issue 3

Student's Achievements and Awards

Name of the Students	Name of the Programme	Venue and Date	Name of the Event	Position/Place
	MSME WOMEN HACKTHAN 3.0	Online 29.8.23	Project idea submission	Selected (second level)
C.Deepa III AI&DS- PCE	Oratorical (Tamil)	Paavai College of Engineering & 15.08.23	Oratorical (Tamil)	II
R.Madumitha III AI&DS- PCE	Oratorical (Tamil)	Paavai College of Engineering & 15.08.23	Oratorical (Tamil)	III
G. Jacinth III AI&DS- PCE	Oratorical (English)	Paavai College of Engineering & 15.08.23	Oratorical (English)	II

Name of the Students	Name of the Programme	Venue and Date	Name of the Event	Position/Place
K.Adarsh III AI&DS- PCE	Oratorical (English)	Paavai College of Engineering & 15.08.23	Oratorical (English)	III
K. Meera III AI&DS- PCE	Oratorical (English)	Paavai College of Engineering & 15.08.23	Oratorical (English)	I
K.Venkates Rohan III CSE - PCE	Sports	Namakkal District Yogasana Association & 17.08.23	National Level Ranking Yogasana Championship-2023 (open)	II
E.Tamizhan III CSE - PCE M.P.Venkat Vijay III CSE - PCE	Paper presentation	Dr.N.G.P. Institute of Technology, Coimbatore & 24.08.23 to 26.08.23	Tekozura2k23 'Crop Recommendation system using machine learning'	II

ENGLISH CORNER

PHRASAL VERB

A phrasal verb is a combination of a verb and a preposition or a verb and an adverb or a verb with both a preposition and an adverb.

Here are some examples:

1. Turn on/off – Turn (something) on/off – start or stop the power or energy source

    e.g. Can you turn off the music if I fall asleep?

2. Eat out – eat at a restaurant

    e.g. Do you feel like eating out tonight?

3. Point out – to point out something

    e.g. He point out the helicopter.

4. Fall down – to collapse

    e.g. The skaters fell down in the middle of their performance.

5. Grow up –to mature and become an adult

    e.g. She grew up in the west country.

6. Look for – to search; to seek

    e.g. John is looking for new job.

7. Look after – to watch or protect; to keep safe

    e.g. She looked after the child while I was out.

8. Get off – step down from a bus, train, boat

    e.g. I will get off at the next station.

9. Let in – let someone come in

    e.g. He opened the window to let in the air come.

10. Move out – to vacate one's place of residence

    e.g. The house has been sold, and we're moving out.

Alumni Testimonials

S. VIMALRAJ
B.E EEE- 2003-2007
Project Manager
Sipcot, Perundurai

Getting admission in PEC was one of the best things that happened in my life. Faculty here is just amazing. They don't just teach the book stuff, but also give you guidance on how you can bring a change in the society. They will make you feel that you have a lot of potential and you just need to realize it. The course I have done is B.E in Electrical and Electronics Engineering and currently I am working in Sipcot, Perundurai

PAAVAI COLLEGE OF ENGINEERING

C. VASANTHKUMAR
CSE (2018-2022)
SOFTWARE ENGINEER
BIOVUS BLOCKCHAIN TECHNOLOGIES, SALEM

Paavai College of Engineering is the best selection I ever made. Best learning and best exposure is guaranteed. Not only academic wise but placements are also good compared to other colleges which I personally experienced. By having two jobs in hand before I completed my final semester improved my self- confidence and self - esteem. The College provides facilities for students. It is a perfect blend of joy and hardships. The entire faculty and other members of the institutions are very co-operative. I cherish every moment spent at Paavai College of Engineering.

PAAVAI POLYTECHNIC COLLEGE

S.VANATHI
DEEE 2000-2003
TNEB LTD (TANGEDCO)
MRT, Mettur Dam

It's wonderful to hear about my positive journey at Paavai Polytechnic College.
My experience highlights the supportive environment and opportunities for growth provided by the institution. The focus on infrastructure creating a conducive learning atmosphere is crucial. The management and faculty trust in the students potential and provide unwavering support. Their guidance undoubtedly contributes to my academic and personal growth.
Additionally, the emphasis on holistic development and offering avenues for acquiring new skills underscores. This approach ensures that students not only excel academically but also cultivate essential life skills. Expressing gratitude to the management for providing a platform to share my accomplishments demonstrates the strong sense of community within Paavai.

Paavai in Press

With best compliments from :

Paavai Engineering College (Autonomous)

Paavai College of Engineering

Pavai College of Technology

Paavai Polytechnic College

Pavai Arts & Science College for Women

Paavai College of Education

Paavai Teacher Training Institute

Paavai College of Pharmacy and Research

Paavai College of Nursing and Research

Paavai Institute of Allied Health Science

Paavai Physiotherapy Science College

Paavai Vidhyashram CBSE School

Paavai Matriculation Higher Sec. School

Paavai Vidhyashram School - Salem Campus

Paavai IAS Academy

Paavai Nrithyalaya

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