



# PAAVAI

EDUCATIONAL INSTITUTIONS

Think Education... Think Paavai.

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

# PAAVAI VOICE

APRIL - 2023

A MONTHLY BULLETIN

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|-----------------|---|--|
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## Chairman's message

Dear parents and students!  
Greetings from your Chairman

I am glad to put a few words in Paavai Voice, as a note of encouragement, to congratulate the employees of Paavai institutions for their valid inputs and the students who have shined in their studies and other extracurricular activities. This is a monthly edition that prints the activities that take place in our campus.

Paavai group has an unflinching aim to provide a quality education to the students who have chosen our institutes. To make the students learn effectively, it has hired well qualified faculty members and established the well-equipped labs. It also focuses on research and placement in full force. It amalgamates all kinds of professional courses and a CBSE school that is one of the best schools in and around Tamil Nadu.

The Paavai Group also encourages the students and the staff to take part in social responsibilities and activities in order to be an example to the society that every citizen has responsibility towards his/her country. To encourage such minds, National Service Scheme (NSS) Anna University, Chennai appreciates all the affiliated engineering colleges in Tamil Nadu for their NSS activities and gives the award every year.

I congratulate Mr.C.Rathnakumar, NSS Programme Officer, PEC, for receiving the best NSS Programme Officer Award and our student volunteer Ms.G.Elakiya, IV EEE, PEC, for the best NSS Volunteer award for the year 2021-22. They received the award from Thiru.Udhayanidhi Stalin, Honorable Minister of Youth Welfare and Sports Development, Government of Tamil Nadu at Vivekananda Auditorium, AU, Chennai. Such awards motivate the students to serve the society by taking part in such activities. I give my sincere thanks to the dignitaries who were behind such honorable initiatives.

I confer my hearty congrats to our students R Charulatha, IV IT & Hariharan L from IV Aero, PEC won the 'ISTE Best Student Award 2022', at 21<sup>st</sup> ISTE Student Chapter Convention at Sri Venkateswara Engineering College, Sriperumbudhur, on 29.04.23. Besides, many students have secured prizes from the competitions conducted by other institutions and the institutional entities, and also participated in seminars conducted by the sectors like DRDO.

The sports day for the year 2022-2023 was held in this month and the winners of the competitions were awarded the prizes by the chief guest D. Sathish Kumar, Commercial Inspector, Southern Railways Salem Division.

It is evident that Paavai is stretching towards success with a great dedication and sincerity by the faculty, the students and the staff. I convey my blessings and congrats to all of them who help the institution to grow stronger every year with their sincere contributions and achievements.

# Wall of Fame

## BEST NSS PROGRAMME OFFICER AND BEST NSS VOLUNTEER AWARDS (2021-22)

National Service Scheme (NSS) Anna University, Chennai appreciates all the affiliated engineering colleges in Tamil Nadu for their NSS activities and gives the award every year. The NSS award function for the year 2021-22 was conducted on 28.04.23. The function was presided by Prof.R.Velraj, Vice Chancellor, Anna University. The Special Address was delivered by Thiru.Athulya Mishra, I.A.S., Additional Chief Secretary, Youth Welfare and Sports Development, Government of Tamil Nadu. The chief guest of the award function Thiru.Udhayanidhi Stalin, Honorable Minister of Youth Welfare and Sports Development, Government of Tamil Nadu, distributed the awards to the Best NSS Volunteers, the Best NSS Programme Officers and the Best NSS Units.

Paavai Engineering College NSS Programme Officer C.Rathnakumar, Associate Professor, MCA received the best NSS Programme Officer Award among the short listed 15 NSS Programme Officers and our volunteer G.Elakiya, IV, B.E. (EEE) received the best NSS Volunteer Award from the 30 NSS short listed volunteers at the Tamil Nadu State Level for the year 2021 -22.



**C.Rathnakumar**, Associate Professor  
Best NSS Programme Officer



**G.Elakiya**, IV B.E.  
Best NSS Volunteer Award

The award was given by Thiru.Udhayanidhi Stalin, Honorable Minister of Youth Welfare and Sports Development, Government of Tamil Nadu, to C.Rathnakumar, NSS Programme Officer, Paavai Engineering College and NSS Volunteer G.Elakiya, IV B.E. (Electrical and Electronics Engineering) at Vivekananda Auditorium, Anna University, Chennai in presence of Prof G.Ravikumar, Registrar, Anna University, Dr.G.Rajesh, NSS Programme Co-Ordinator, Anna University, Chennai, and Dr.M.Yuvaraju, NSS Regional Co-Ordinator, Anna University Regional Campus, Coimbatore.

The Chairman, the Correspondent, the Director-Admissions, the Director-Administration, the Deans, the Principal, the Heads of the Departments and the Faculty members of Paavai Institutions congratulated the award winners.

## Interview with Safa Faren



### **SAFA FAREN M J**

TQI ULLAS PROJECT MANAGER

#### 1. How did you feel when you were on boarded with the team 'Voice of TQI'?

It gives me immense pleasure because I was waiting for this opportunity and I knew that it will create an opportunity to connect with the passed out seniors where I can learn a lot with their experience and able to find solutions to the challenges that we might face in upcoming days. I got this opportunity from my friend who is a fellow volunteer in my team.

#### 2. How was your first call interview with seniors?

My interview call went unpicked and I was little disappointed. But very soon he called back and I was explaining him about the purpose of my call and it started with a little hesitation but as the call duration passes it all vanished and I could sense the joy while he shared the most jubilant moment in his journey. And my first call made to feel like I'm ready for the whole journey and it gave me the courage in the single call itself, maybe as the senior TQI an says connecting with the senior volunteers will be always an joyful moment.

#### 3. How was the moment when 'Voice of TQI' was released on Chennai confluence?

It was the most memorable day in my life, I don't have the idea that it will release as a book, over the years the Voice of TQI released in the web page but for the first time it is releasing in this such epic and I remember at the last moment they found there is a part missing. I involved in rectifying it, once this done, all went fine. During the release the founder of TQI G.Ramasubramaniam said to me and my friend that you guys was the reason for the release of Voice of TQI book in the appropriate time. Even though our works were very small at that time he said this one and it really means to me a lot. He called us during the release and we were sharing the stage with the Chairman of Polaris Company, founder of TQI. Whenever I think of it, it gives me a wide smile on my face.

#### 4. What was your greatest learning while curating the book?

I could analyse my communication skills and I learnt new words while drafting the responses from seniors to improve the standard of the sentence. It gives me an another experience to analyse myself at which point my communication skills and my grammatical skills are lagging at also it paved way to overcome it.

#### 5. How did Paavai appreciate you for your works when you came with your book?

When I told this to my HoD, tutor they really appreciated us, my tutor posted this in the social media platform, our TQI faculty coordinator appreciated a lot and took us to our principal sir. Finally principal sir motivated and appreciated us for efforts.

## ACADEMIC EVENTS

The Department of Aeronautical Engineering of Paavai Engineering College in association with Indian Society for Technical Education (ISTE) organized a Guest Lecture on the topic 'The Future Of The Indian Defense Services: Opportunities, Careers and Challenges Ahead' on 01.04.23 at Cute Hall. Wing Commander. Chetty Siddhan, M.Com, LLB (Retd Indian Airforce), Vice President, Air Force Association, Salem and Namakkal Chapter & Advocate, Salem, Tamilnadu was the resource person. The resource person detailed the opportunities, careers and selection procedure of Indian Air Force through Short Service Commission (SSC) and Permanent Commission.



The Department of Electrical and Electronics Engineering of PEC organized a seminar on the topic 'Recent trends in Electric Vehicles' held on 03.04.23 at Brilliant Hall. The program started with the prayer song. Dr.A.Immanuel, Principal Paavai College of Engineering, delivered the presidential address at the inauguration of the seminar. The guest speaker Mr.Alagarsamy Rajamanickam, Chief Executive Officer, Mechnido, Coimbatore, delivered the keynote Address and motivated the students to develop the electric vehicles on their own.



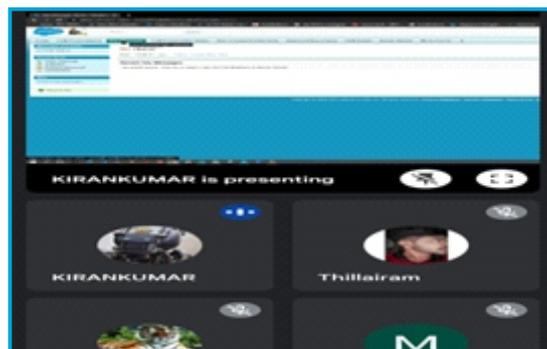
The Automobile and Mechanical Engineering Departments in association with National Service Scheme of Paavai College of Engineering organized a workshop on 'Basics of Fire and Safety' on 04.04.23. The inaugural function to the event was held in the presence of Dr.A.Immanuel, Principal, Paavai College of Engineering and the Heads of various departments. The introduction to the chief guests was given by Mr.P.Logesh, second year, B.E., Automobile Engineering. The Chief Guest S.T.Yuvaraj, Assistant Manager, V4 Fire Protection System, Coimbatore, continued the session in which he educated the students on the causes of fire and ways to avoid risk and the remedies to maintain safety.



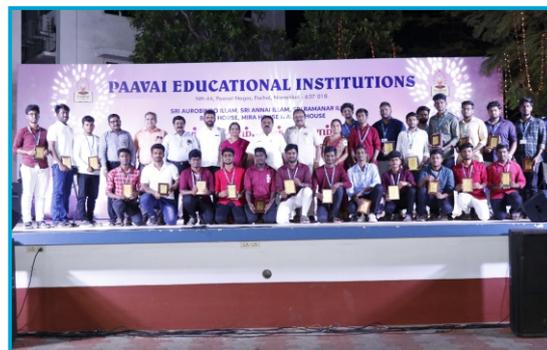
Department of Bio-Medical Engineering of Paavai College of Engineering organized a One Day Hands on Training on 'Critical Care Equipments' on 05.04.23. The resource person Mr.Vinothkumar Kannan, Admin, KAV Biomedical Training and Education, Madurai, delivered a speech on 'Critical Care Equipment in Bio Medical Engineering'. The function was presided by Dr.M.Premkumar, M.E., Ph.D., Principal, Paavai Engineering College. Dr. A. Immanuel, M.E., Ph.D., Principal, Paavai College of Engineering Mr.R.Prabu, Head of the Department of Bio Medical Engineering were present.



Departments of Computer Science and Engineering & Artificial Intelligence and Data Science of Paavai College of Engineering, in Association with Institution's Innovation Council (IIC-PCE) organized a webinar on 'Software Testing and Usage of AI / ML inTesting' on 08.04.23. The Guest Speaker and Alumni of CSE Department Mr. R. Kiran kumar has given the lecture.



In PEC, the Farewell day celebration 23, for the final year hostel students belonging to Sri Aurbindo Illam, Sri Annai Illam, Bliss House, Rmanar Illam, Meera House and Aura House of Paavai Institutions was celebrated at Kalpana Chawla open theatre on 08.04.23. The pre-final year students bid farewell to the final years and it was celebrated as 'சந்தித்தோம்...சந்திப்போம்.' The function started with a prayer, followed by the welcome address by Safa Fareen of Ill Bio-Medical Engineering department. The presidential address was given by Chairman, Shri.CA.N.V.Natarajan. The event started with the felicitation address of Correspondent Smt.Mangai Natarajan, Paavai Educational Institutions.



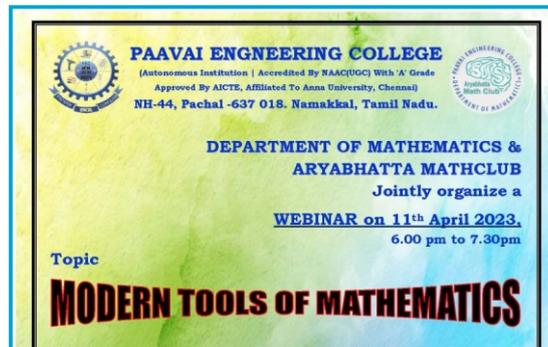
In PEC, Hands on workshop (code with Flutter) was conducted by Google Developer Student Club, Paavai on 09.04.23. The chief guest Mr. Natarajan Chandran alumni of Paavai , working as a software engineer in Huawei Technologies Pvt.ltd, addressed the Flutter Technology, advancement further in it and its career opportunities. He also gave us an idea about how to build Full-fledged Apps for a Startup or a Business. This event was more interactive by GDSC members, and finally it ended with Q/A session.



In PEC, Sports Day, 2023 was celebrated on 10.04.23. The chief guest of the function was Mr. D. Sathish Kumar, Commercial Inspector, Southern Railways, Salem Division. The welcome address was delivered by Sretharsene, IV-ECE. The annual report was presented by Mr.S.Jagadeesh, Physical Director. The Presidential Address was delivered by CA.N.V.Natarajan, Chairman of Paavai Educational Institutions. He elaborated about his vision in facilitating talented sports persons from Paavai to participate in the Olympic Games in the near future, using the five S's of sports namely Stamina, Speed, Strength, Skill and Spirit.



In PEC, the Department of Mathematics organized a one day online webinar entitled 'Modern Tools of Mathematics' on 11.04.23. The guest speaker Dr.V.Parthiban, Assistant Professor of Mathematics, School of Advanced Science, Vellore Institute of Technology, Chennai, delivered an excellent session to the students and the faculty members. He demonstrated the mathematical softwares like SAGE, MATLAB, Mathematica, Geogebra and R. He also detailed the document processor LaTeX and explained the mathematical tools used in many scientific, engineering and computing fields.



In PEC, Hackathon (web + Hackathon) was conducted by Google Developer Student Club of Paavai on 11.04.23 with help of GDSC faculty advisor Dr.B.Venkatesan, HOD, Information Technology. It was about building websites and the guests were Dr.K.Selvi, Dean Academics and the Dr.M.Premkumar, Principal of Paavai Engineering College. GDSC members split 23 teams into 5,4 and 3 numbers. The students started building the website based on the themes, given by the chief guest for the entire day. The jury reviewed the students' ideas presented in their submitted websites. After the Scrutiny, the juries announced the winner, two runners-ups and the Best performers; the certificates & Swags (T-shirts) were given to the students along with participants receiving certificates.



In PEC, the Department of ECE in association with the Institution of Electronics and Telecommunications Engineers, (Erode Local centre), organized a guest lecture on 'E-Vehicle for Electronics' from 11.04.23 to 12.04.23. The welcome address was given by Dr.M.Sudha, HoD-ECE, Dr.M.Premkumar, Principal gave the presidential address. Ms.Loshika, from, ECE introduced the resource speakers. G.Karthikeyan, AP-EEE, Anjali Ammal-Mahalingam Engineering College, Thiruvavur was the resource speaker of the event 11.04.23. S.Govindaraj and A.Abdul Basith from TATA motors, Salem Branch, were the resource persons on 12.4.23. The session ended with a vote of thanks by K.Jayasurya, II ECE



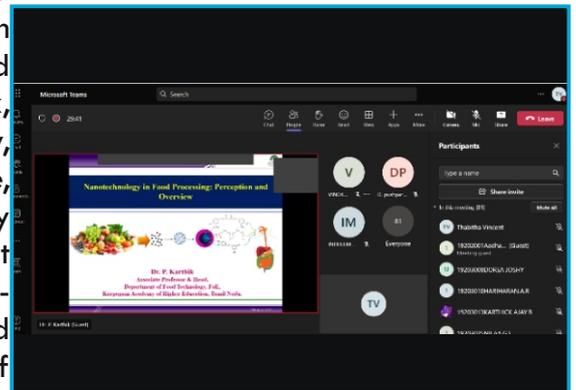
In PEC, Mechanical Engineering department conducted a Guest lecture program on 'Applications of 3D Printing' at Prestige hall in Paavai Engineering College on 12.04.23. The resource person was Dr.M.Kathirselvam, Associate Professor, Department of Mechanical Engineering, KSR College of Technology.



In PEC, the Department of Computer Science and Engineering in association with Institution's Innovation Council and ISTE organised a Workshop on the topic 'Intellectual Property Rights and IP management for a start-up' on 12.04.23. The welcome address was given by J.Najila Farveen, II CSE. Dr.M.Premkumar, Principal, Paavai Engineering College, gave the presidential address. V.Soundariya Lakshmi, II CSE, introduced the Chief Guest.Dr.V.Nagaraj, Managing Director, Trueline Research Private Limited, Salem. The vote of thanks was delivered by Selvi S.Narmada, II CSE.



The Department of Food Technology, PEC conducted a webinar on 'Nanotechnology in food processing: perception and overview' on 12.04.23 for the students from Food Technology. The resource person of the day Dr. P. Karthik, Associate Professor, Department of Food Technology, Karpagam Academy of Higher Education, Coimbatore, surprised the students with the concept of Nano foods by explaining nano-emulsions, Nano green tea, world market of nano-foods, etc. He also briefed Emulsifiers used in nano-structuring and how one could reduce fat contents in food using it. It was insightful experience to know the advances of Nano foods in the market.



In PEC, the Placement Day was celebrated on 19.04.23 in Paavai Institutions. The programme was headed by the CA.N.V.Natarajan, Chairman of the Institutions, The Chief Guest of the day was Mr. Joshua David. In his key note address he told that he was impressed by the students for their getting offer letters from the reputed companies. Shri Darshini, IV ECE, gave the welcome address. The CA.N.V.Natarajan, Chairman of the Institutions, honoured the Chief Guest with the Memento and also, gave the Presidential address.



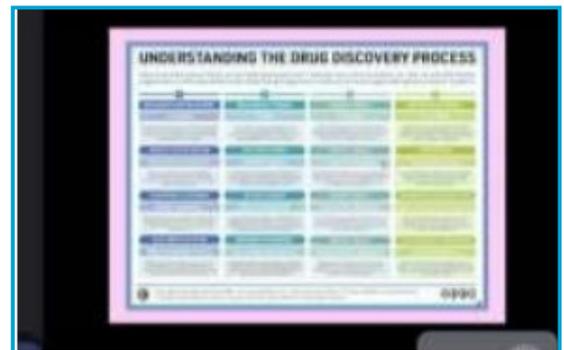
Department of IT in association with Institution's Innovation Council (IIC-PEC) and Indian Society for Technical Education (ISTE) celebrated 'World Innovation and Creativity Day' at Bright Hall on 21.04.23. The presidential address was given by Dr.M.PremKumar, Principal, Paavai Engineering College. Dr.B. Venkatesan, HOD, Information Technology, facilitated the programme. N. Reema, II IT, welcomed the gathering. Then, S. Devadharshini from III IT, introduced the chief guest. Our Special chief guest was Mr.D. Kishor Kumar, Project Manager, Cognizant Technology Solutions, Chennai, gave many useful ideas on innovation and creativity.



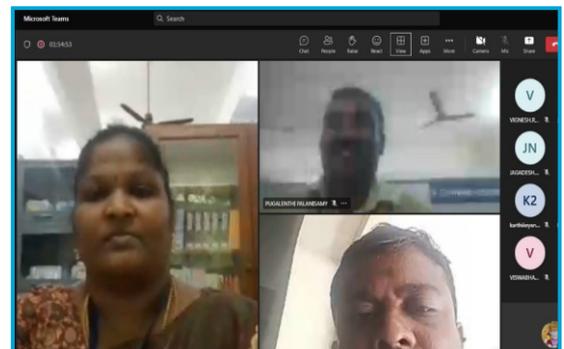
The Department of Geology conducted a Webinar entitled 'Earth Observation Technology Applications' on 22.04.23. The resource person of the day Dr. S. Rama Subramoniam, Scientist, NRSC, ISRO, Department of Space (DOS), Government of India, Bangalore, acquainted the student with various information about imaging sensor, spectral signature and image interpretation. He further made clear about Srishti, a web GIS for monitoring and evaluating Drishti, is an android application for field inventory.



In PEC, the association of Pharmaceutical Technology – MEDINO in association with The Institution of Engineers (India) organized a one-day webinar entitled 'Clinical Research – A new domain for Health Care Professionals and its career opportunities in Pharmaceutical Technology' on 25.04.23. The students from Department of Pharmaceutical Technology attended the webinar. The resource person Dr. A.Bharath Kumar surprised the audience with various information about clinical trial and its need.



In PEC, the Department of ECE, in association with the Institution's Innovation Council, organised a webinar on the topic 'Insights to Intellectual Property Rights' on 26.04.23. The welcome address was given by M.Iniya, III Year-EEE. The presidential address was given by Dr. M. Premkumar, Principal, Paavai Engineering College. Earlier, Komaraprasad, III EEE, introduced the Chief Guest. Dr.K.Indhumathi, Associate Professor, Saveetha Engineering College, Saveetha Nagar, Thandalam, Chennai. She emphasised the significance of this webinar as well as the numerous operations of our IIC and EDC cells.



Tamilnadu Nurses and Midwives Council conducted webseries for Empowering Nursing students 2023. On account of this, all the students and faculty members of Paavai College of Nursing and Research attended a webinar 'Cybersecurity' on 29.04.23. Mr. Karthikeyan B.A, B.L. (Home) Advocate patent, Trademark & Cyber Law Attorney Madras High court was the resource person. He focused on the issues and challenges of cyber crimes in Cyber Security. The event was really informative and beneficial for the todays hi-tech world. 220 students and 10 faculty member attended the programme.



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## Wall of Fame

### AWARDS



**R. Charulatha**  
IV, Information Technology



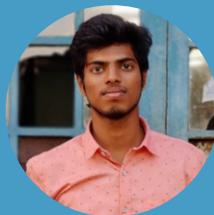
**L. Hariharan**  
IV, Aeronautical

Awarded ISTE Best Student Award 2022, during 21<sup>st</sup> ISTE Student Chapter Convention, which was held at Sri Venkateswara Engineering College, Sriperumbudhur, on April 29.04.23.

Our Paavai Engineering College students have been selected as Talent Quest for India's hierarchical positions for this academic year 2023 - 2024.



**M.J.SafaFaren**  
TQI Ullas Project Manager



**V.Roshankumar**  
Nallipalayam school SPOC



**T.Dhivakaran**  
TNCDP TQI Project Manger



**V.Navin Kumar**  
Zonal head



**N.Rathika**  
Paachal school SPOC



**N.Paramanathan**  
Mallur school SPOC



**M.Mukila**  
Namakkal girls team SPOC

## 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<br>Prof. MCT, PEC<br>Dr.R.TAjaykarthik<br>ASP - MCT, PEC<br>A.ArunBabu<br>AP- MCT, PEC<br>S.Manikandan<br>AP - MCT, PEC<br>C.Vibin Stalin<br>AP - MCT, PEC<br>R.Karthick<br>AP - MCT, PEC<br>C.Sumithra<br>AP - MCT, PEC | Patent   | IoT Based Automatic Paddy Drum Seeder Machine   | 202341020820 A                                      |
| Dr.R.Arravind<br>Asso.Prof - AERO, PEC   | Patent   | A Design and Construction of Assembled Integral Type Frame Structure System                       | 202321014423A                                       |
| S.Vijayakumar<br>Asso.Prof. ECE, PEC   | International Journal of Innovative Research in Engineering            | Smart Helmet for Accident Rescue and Theft Avoidance  | ISSN No: 2582-8746<br>Volume 4, Issue 3             |
| Dr.B.Venkatesan<br>Professor - IT, PEC   | Patent   | IoT Based Automatic Paddy Drum Seeder Machine   | 202341020820A                                       |
| Dr. M. Sathish Kumar<br>ASP-MATHS, PEC   | Neutrosophic Sets and Systems Scopus Cite Score= 4.9                   | A study on n-HyperSpherical Neutrosophic matrices   | 55 (2023), 344-357                                  |
| Dr.A.Rathinam<br>Asso.Prof EEE, PEC<br>R.Satheeshkumar<br>ASP - EEE, PEC   | International Journal of New Innovations in Engineering and Technology | Single Core Cable Bonding Methodology in Electrical (Petrochemical) Industries                    | Volume 2, Issue 1,<br>April 2023.<br>ISSN:2319-6319 |
| M.Raja<br>AP - EEE, PEC<br>R.Muthukumar<br>ASP - EEE, PEC  | International Journal of New Innovations in Engineering and Technology | Hybrid Based Climatology lab for Airport  | Volume 2, Issue 1<br>April 2023.<br>ISSN:2319-6319  |
| M G Karthih<br>AP - PHARMA,PEC   | Patent   | An Anti-ulcer Gummies for mouth and stomach ulcer using as Acmeallaoleraca, Robusta gaertin Resin | 202341021602 A                                      |

| Name of the Faculty                           | Journal Name / Book Name   | Title of the Patent/ Article / Book  | Reference No.  |
|---|--|--|--|
| M.Ponmanian<br>AP - PHARMA, PEC               | Current Trends in Multidisciplinary Science  | Precision Medicine in Alzheimer's disease: Unifying Genomics and Bioinformatics                      | Volume-VI, 2023  |
| E.Elanchezhian<br>AP - CSE, PEC               | Journal of Emerging Technologies and Innovative Research                             | A Blockchain based Secure Photo Sharing Framework for Cross Social Network                           | ISSN : 2349-5162<br>Volume 10 Issue 4 ,<br>April-2023  |
| M.Buvaswari<br>AP - CSE, PEC                  | (Scopus Indexed)<br>International Journal of Electrical Computer Engineering Systems | Segmentation of medical images with adaptable multifunctional discretization and Gaussian Operations | ISSN 1847-6996<br>Volume 14,<br>Number 4, April 2023<br>DOI: <a href="https://doi.org/10.32985/ijeces.14.4">https://doi.org/10.32985/ijeces.14.4</a> |
| E.Elanchezhian<br>ASP - CSE, PEC              | TIJER – International Research Journal   | Cyberbullying in Social Networking Sites Using Deep Learning Model                                   | ISSN:2349-9249,<br>Volume 10 Issue 4,<br>April-2023  |
| Dr.D.Banumathy<br>Prof. CSE, PEC              | Advances in Science and Technology Research Journal                                  | Brain Tumor Detection And Classification Using Deep Learning   | 19(2), 100–110 ISSN<br>2299-8624,<br>License CC-BY 4.0   |
| N.M.K. Ramalingamsakthivelan<br>AP - CSE, PEC | TIJER – International Research Journal   | Block chain-Based Decentralized Cloud Storage  | ISSN:2349-9249,<br>Volume 10   Issue 4<br>  April-2023   |
| M.Buvaswari<br>AP - CSE, PEC                  | IJFMR- International Journal for Multidisciplinary Research                          | Data Poison Detection using Machine learning   | Issue: 2 Volume No.7<br>March - April –<br>2023 DOI:10.<br>46647/ijetms.<br>2023.v07i02.066<br>ISSN: 2581-4621                                       |
| T.Murali<br>AP - CSE, PEC                     | TIJER – International Research Journal   | Fake Profile Identification in Social Network using Machine Learning and NLP                         | ISSN:2349-9249,<br>Volume 10   Issue 4<br>  April-2023   |
| Ramanan<br>AP - CSE, PEC                      | TIJER – International Research Journal   | Detection of stress in IT employees using machine learning algorithms                                | ISSN:2349-9249,<br>Volume 10   Issue 4  <br>April-2023   |
| Dr. M. Deepa<br>Asso. Prof CSE, PCE           | Journal of Emerging technologies and Innovative research                             | Deep learning Algorithm for Predicting the brain tumor :An survey                                    | ISSN:2349-5162   |

## Student Journal Publications and Patent

| Name of the Student   | Journal Name / Book Name  | Title of the Patent/ Article / Book   | Reference No.  |
|---|---|---|--|
| T.Niranjan Kumar<br>IV IT, PEC  | Amazon web portal   | Let's Python  | Published  |
| O. Arjun<br>R.Dharaniventhan<br>G. Vengadesh<br>J.Manikandan<br>IV MCT, PEC       | Patent  | IoT Based Automatic Paddy Drum Seeder Machine   | 202341020820 A   |
| M.Kanishkar<br>R.Mukilan<br>D.Nagamani<br>IV ECE, PEC                             | International Journal of Innovative Research in Engineering                 | Smart Helmet for Accident Rescue and Theft Avoidance  | ISSN No: 2582-8746<br>Volume 4, Issue 3  |
| V Nema<br>B Tharunraja<br>IV Pharma, PEC  | Patent  | An Anti-ulcer Gummies for mouth and stomach ulcer using as Acmeallaoleraca, Robusta gaertin Resin | 202341021602 A   |
| T.Sathishkumar<br>II M.E PSE, PEC   | International Journal of New Innovations in Engineering and Technology      | Single Core Cable Bonding Methodology in Electrical (Petrochemical) Industries                    | Volume 2, Issue 1,<br>April 2023.<br>ISSN:2319-6319  |
| B.Hemachandran<br>M.Karthick<br>K.Kavinkumar<br>II M.E PSE, PEC                   | International Journal of New Innovations in Engineering and Technology      | Hybrid Based Climatology lab for Airport  | Volume 2, Issue 1,<br>April 2023.<br>ISSN:2319-6319  |
| P.Jayalakshmi<br>B.Induja<br>IV CSE, PEC  | A Block chain based Secure Photo Sharing Framework for Cross Social Network | Journal of Emerging Technologies and Innovative Research  | ISSN : 2349-5162<br>Volume 10 Issue 4 ,<br>April-2023  |
| M.Rajadurai<br>J.Satish<br>B.Prabudeva<br>IV CSE, PEC                             | Cyberbullying in Social Networking Sites Using Deep Learning Model          | TIJER – International Research Journal  | ISSN:2349-9249,<br>Volume 10 Issue 4,<br>April-2023  |
| M.Ramalakshmanan alias Manikandan<br>K.Ramkumar<br>S.Selvabharathi<br>IV CSE, PEC | Data Poison Detection using Machine learning                                | IJFMR- International Journal for Multidisciplinary Research                                       | Issue: 2 Volume No.7<br>March - April – 2023<br>DOI:10.46647/ijetms.<br>23.v07i02.066<br>ISSN: 2581-4621 |
| S.Sivakaran<br>IV CSE, PEC  | Detection of stress in IT employees using machine learning algorithms       | TIJER – International Research Journal  | ISSN:2349-9249,<br>Volume 10   Issue 4  <br>April-23   |

| Name of the Student  | Journal Name / Book Name  | Title of the Patent/ Article / Book                                | Reference No.  |
|--|---|--|--|
| M.Vijayvekateswaran<br>B.Santhosh<br>B.Sathish<br>IV CSE, PEC                | Estimating time to progress on Chronic Obstructive Pulmonary Disease with Tolerance | IJFMR- International Journal for Multidisciplinary Research        | E-ISSN:2582-2160                                       |
| M.Kruthika<br>Cherub Ebenezer<br>IV CSE, PEC                                 | Fake Profile Identification in Social Network using Machine Learning and NLP        | TIJER – International Research Journal                             | ISSN:2349-9249,<br>Volume 10  <br>Issue 4   April-2023 |
| E.Tamizhan<br>V.Sowmiya<br>M.P. Venkat Vijay<br>S.Sri Ranjani<br>II CSE, PCE | Journal of Emerging technologies and Innovative reasearch                           | Deep learning Algorithm for Predicting the brain tumor : An survey | ISSN:2349-5162   |

## Student's Achievements and Awards

| Name of the Students  | Name of the Programme                    | Venue and Date   | Name of the Event                   | Position/Place                       |
|---|--|--|-------------------------------------|--------------------------------------|
| G.Kokila<br>AS.Baskar<br>L.Hariharan<br>M.Vetrivelan<br>IV AERO, PEC                            | Symposium Madras Institute of Technology | 09.04.23   | Drone Racing                        | II                                   |
| R.Janathiv<br>III ECE, PEC  | Mr and Miss Grand Tamil Nadu 23          | Saveetha Institute of Medical and Technical Science, Chennai<br>08.04.23                                       | Beauty Pageant                      | Mr.Tamil Nadu                        |
| T.Dhivakaran<br>IV ECE, PEC   | Talent Quest of India (TQI)              | 26.04.23<br>Talent Quest of India (TQI)  | Talent Quest of India (TQI)         | TQI Mission Samrudhi Project Manager |
| D.KamatchiPriya<br>III IT, PEC  | Conference                               | The International Research Institute of Multidisciplinary Engineering and technology-ICRTETE, AP &<br>09.04.23 | Emotional Connectivity with Gadgets | Best Presentation Award              |
| A.Santhoshkumar<br>S.Barath Kumar<br>D.Baleshwaran<br>S.Selvamani<br>P.Jeevanath<br>III IT, PEC | Google Developer Student Club            | Paavai soft Innovation Center<br>11.04.23  | Food Order                          | II                                   |

| Name of the Students   | Name of the Programme | Venue and Date  | Name of the Event   | Position/Place              |
|--|-----------------------|---|---|-----------------------------|
| S.Vikram Raja<br>III IT, PEC   | NPTEL                 | Knowledge Institute<br>of technology<br>05.04.23        | Python for<br>Data science  | Scored 75%                  |
| G.Elakiya<br>IV EEE, PEC   | NSS                   | Anna University   | NSS Award   | Best NSS<br>Volunteer Award |
| A.Naveen<br>III IT, PEC  | NPTEL                 | 29.04.23  | Computer Networks   | Scored 60%                  |
| E. Tamizhan<br>II CSE, PCE   | Paper<br>Presentation | Jarvis, Kongu<br>Engineering College<br>Erode, 05.04.23 | Presented a paper on<br>'Benefits of using<br>Virtual Reality<br>in different fields' | III                         |
| E. Tamizhan<br>II CSE, PCE   | Paper<br>Presentation | Jarvis, Kongu<br>Engineering College<br>Erode, 05.04.23 | Presented a paper on<br>'Benefits of using<br>Virtual Reality<br>in different fields' | III                         |
| S.Haripriyan<br>III BIO TECH, PCT  | Sports                | Kho-Kho   | Sports meet 23  | II                          |
| R.Sailesh<br>S.Sujithra<br>M.Mohammed Javith<br>P.Divyapriya<br>S.Subhasini<br>II CSE, PCT | Web<br>Hackathon      | 11.04.23  | Web- Hackathon  | II                          |

## Faculty Achievements

| Name of the Faculty                | Name of the Programme | Venue and Date                                      | Name of the Event    | Position/Place                   |
|------------------------------------|-----------------------|---|----------------------|----------------------------------|
| C.Rathnakumar<br>ASP MCA, PEC      | NSS                   | Anna University<br>28.04.23                         | NSS                  | Best NSS<br>Programme<br>Officer |
| S.Vijayakumar<br>Prof. ECE, PEC    | Guest Lecture         | Savitha<br>Engineering College<br>Chennai 27.04. 23 | Guest Lecture        | Guest Speaker                    |
| Dr. R. Mohanapriya<br>ASP ECE, PEC | Water<br>Conclave 23  | Madurai<br>12.04.23                                 | Water<br>Conclave 23 | Speaker                          |
| Dr.G.Raja<br>Prof. Chemistry, PEC  | NPTEL                 | 29.04.23  | NPTEL                | ELITE                            |
| Dr.G.Raja<br>Prof. Chemistry, PEC  | NPTEL                 | 30.04.23  | NPTEL                | ELITE                            |

# Alumni Testimonials

## PAAVAI ENGINEERING COLLEGE



**V. SANKAR BALAKRISHNAN**  
B.E- ECE, 2005 - 2009  
Accenture  
Bangalore

Paavai Institutions is a great spot in terms of Learning and Polishing the skill of an Individual. The faculties are self-motivated, and they put tremendous amount of efforts to make the courses more interesting. Also, they provide lot of opportunities in terms of higher studies, internships, guidance as well as jobs in reputed organizations. Loads of memories carried from this magic place and My Heartiest thanks to Institute and all the people associated with for being such a wonderful stone of our careers.

## PAAVAI COLLEGE OF NURSING AND RESEARCH



**A. PREETHI**  
B.Sc Nursing, 2017-2021

Paavai College of Nursing taught me the skills and knowledge in clinical approaching way and the classes like fundamentals, medical surgical, OBG, psychiatry subject helped to grow myself about nursing care in professional way. college has good infrastructure and library has a lots of books , which help's to learn more in my carrier. I would like to thank our pillars of my college Principal, Lecturers, Tutors, for moulding and helping me to shine in this profession.

## PAAVAI COLLEGE OF ENGINEERING



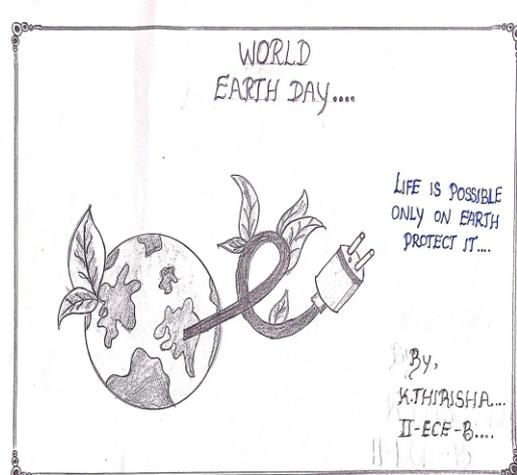
**K. KEERTHIBA**  
B.E - ECE, 2018-2022  
Falco Solutions  
Chennai

Paavai College of Engineering is the best selection I have 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. I had good friendly faculty who helped us understand the subjects and enjoy the course. We had holistic learning and development in Paavai college of Engineering. The four years journey of B.E was wonderful for me and I will always be proud of my worthy choice.

# World Earth Day



M. Devashree  
II ECE A - PEC



K. THIRISHA  
II ECE B - PEC

## English Corner

### DISCOURSE MARKERS

You mean : used to clarify or confirm something

e.g. You mean, there is no hope for recovering from this loss.

I'm afraid : used while foreseeing the danger

e.g. It's a creative idea but, I'm afraid, the chief guest may feel a little bit hurt.

Of course : yes / emphasizing truth in somebody's statement

e.g. Of course, what he says is correct.

You know / You see : showing that something is already understood by the listener

e.g. You know, he never did anything just for money.

By the way / by the bye : used to introduce a new subject to be considered or to give further information

e.g. By the way, how did your seminar go?

I mean: used to emphasize a statement

e.g. He has to stop drinking. I mean, he's going to kill himself if he keeps it up.

In fact : used it to add detailed information to what has just been said

e.g. A: Did she pass her driving test?

B: Yes, she did; in fact, she's now taking an advanced driving test.

Give me a second : to allow someone or something a moment to do something.

e.g. Give me a second, I need to make a phone call.

Anyway : used to give a more important reason for something that you are saying

e.g. I don't have time to go, and anyway it's too expensive.

Just a moment : used to ask someone to wait for a short period of time  
e.g. I like to dwell on this point for just a moment.

Actually: in fact or really  
e.g. I didn't actually see her, I just heard her voice.

Apparently: used to say that something seems to be true, although it is not certain  
e.g. The train was delayed, apparently due to leaves on the line.

Basically : used for emphasis  
e.g. The gun is designed for one purpose – it's basically to kill terrorists.

Almost : used in the sense of not completely, nearly  
e.g. I have almost finished the work.

Somehow : in a way or by some means that is not known or not stated.  
e.g. It won't be easy, but we'll get across the river somehow.

## Paavai in Press

