



# **PAAVAI**

**EDUCATIONAL INSTITUTIONS**

Think Education... Think Paavai.

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

# **PAAVAI VOICE**

**SEPTEMBER - 2022**

**A MONTHLY BULLETIN**

## Editorial Board:

Chief Patron	:	CA N.V. Natarajan, Chairman, Paavai Educational Institutions
Patron	:	Smt. Mangai Natarajan, Correspondent
Publisher	:	Dr. K.K Ramasamy, Director-Administration
Editor-in-chief	:	Dr. M. Premkumar, Principal, PEC
Advisors	:	All Principals & Deans

## Staff - Editorial Board:

Dr. R. Shanthi, Professor & Head, Department of English, PEC  
Mr. B. Venkatesan, Associate Professor, Department of IT, PEC  
Dr. V. Subburam, Professor, Department of Mechanical Engineering, PEC  
Ms. N. Kalaiarasi, Assistant Professor, Department of English, PASCW  
Ms. R. Saranya, Associate Professor, Department of English, PEC

## Student - Editorial Board:

E. Naveen, III IT, PEC  
J.Prathiksha, III CSE, PCE  
M. J. Safa Faren, II Bio Med, PEC  
Ben Garry, II Cyber Sec, PEC  
V. Bairavi, I B.Pharm., PCPR  
A. Vedhavarshini, I B.A., PASCW



# Chairman's message

**Dear Parents and Students!**

**Greetings from your Chairman!**

I'm indeed delighted to address all the students, parents, and faculty through Paavai Voice – September'22. Paavai has made remarkable progress since its inception by following student centric approach in academics, nurturing a systematic learning and life-skilling approach that has been the benchmark across the region.

It's my privilege to applaud Ms.R.Sweshikha, Dept. of ECE, Paavai Engineering College for receiving the NSS Best National Volunteer Award from our Honorable President Smt. Droupadi Murmu with the cash prize Rs.1,00,000/-.This is another feather to the hat of Paavai Institutions, adding to the several achievements and accolades received with 25 years of significant history.

Without Engineers there is no knowledge of invention or innovation. Engineers' day was celebrated on 15<sup>th</sup> September; my tributes to Bharat Ratna M.Visvesaraya for his contributions which serve as an inspiration to budding engineers. Knowledge is inevitably imperative to make India a developed and strong nation. In this context, I could suggest that one should cultivate a longing for innovation and a desire for research activities. The symposiums, seminars, conferences, workshops and other similar events will undoubtedly give much scope for seeking knowledge beyond the boundaries.

In this regard, I am immensely happy to share that Paavai College of Engineering and Pavai College of Technology, have conducted a National Level Technical Symposium, TECHFEST 2K22 on 29<sup>th</sup> and 30<sup>th</sup> September, 2022, on our campus. I was inexplicably happy that the symposium has encouraged the prospective technocrats to meet and interact under one roof and come out with constructive and creative concepts towards technical excellence and achievements. I strongly believe that the symposium is yet another milestone crossed.

In conclusion, I take this opportunity to congratulate and thank all the faculty, and non-faculty members of our institutions who inculcate the value of seeking greater well-being of the society and the nation in our students. May the beacon of knowledge and wisdom show students the right path to progress, broaden their horizon and offer them versatile, refined and holistic education.

# Pride of Paavai

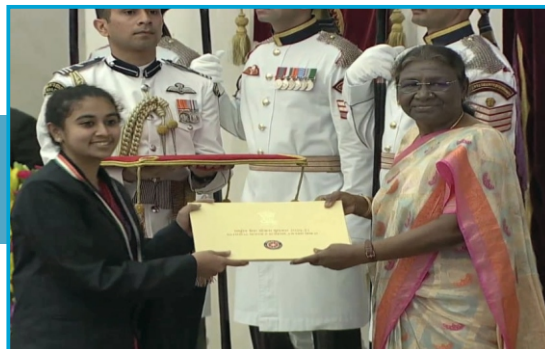
## SWESHIKHA

### Best NSS volunteer National Award Winner

Paavai Engineering College NSS volunteer R. Sweshikha, ECE received the NSS National Volunteer Award from our Honorable President Smt. Droupadi Murmu with the cash prize of one lakh rupees for recognizing the outstanding contributions towards voluntary community service on 24.09.22. Sweshikha played an important role in starting various activities for the welfare of the citizens living in the adopted village of the college. She has participated in awareness campaigns for various Government schemes, cleanliness drives, promotion of literacy, health awareness among the people of the adopted village, organized blood donation and health camps along with other volunteers of the college. She also played important role during COVID-19 pandemic by involving in various activities like food, mask and sanitizer distribution, awareness on COVID-19 vaccination drive etc. She has helped old age people and collected funds for old age homes and charitable trusts. She received the University Level Best NSS Volunteer Award for the year 2019-20. She participated in the Republic Day Parade Camp 2020, New Delhi from 01.01.20 to 31.01.20.

### Interview with Sweshikha

Jesse and Kavya of first year B.Pharm. interviewed Ms.Sweshikha. She is a native of Theni. Her father is a professor and she has a brother. Her mother is her great inspiration in life. Her ambition is to become a Civil Servant and she is preparing for it. She said her motive is to respect and serve people and grab the opportunities. She said respect and humbleness is important for life. She told that NSS gave the best experience about life. She attended 2019 Anna University Regional Camp South Zone selection for Republic Day Parade held at New Delhi. She dedicated her National award to her Senior Jagan, who guided her for RDC (Republic Day Camp). Her inspiration for NSS was Raaji and Dhivya Prabha who already participated in Republic Day Parade. She said that her family is her biggest support. She thanked the college for giving this opportunity and she also thanked her NSS Programme Officer Rathnakumar for his guidance.





## TECHNICAL EXTRAVAGANZA TECH FEST '22

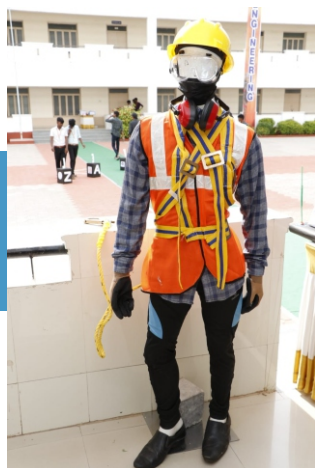


National Level Technical Symposium TECHFEST 2K22 was organized by Paavai College of Engineering and Pavai College of Technology for two days on 29.09.22 and 30.09.22. Shri.CA.N.V.Natarajan , Chairman , Paavai Institutions presided over the function. Smt. Mangai Natarajan, Correspondent of Paavai Institutions inaugurated the function by lighting the kuthuvizhaku. Dr.K.K.Ramasamy Director Admin, Principals participated in the inauguration ceremony. Mr.E.Tamizhan, second year, Computer Science Engineering welcomed the gathering. Mr.R.Senthilkumar, Head-Human Resources ELGI Ultra Private Limited,Coimbatore was the Chief Guest and delivered the keynote address.

The objective of the symposium was to bring the students of various streams from different institutes on a common platform where they were encouraged to share knowledge and innovative ideas. It also aimed to exhibit the talents and skills of the aspiring Engineers both in Technical and Non-technical aspects. The symposium included Paper presentation and Technical marketing commonly conducted by every departments with the support of the Juries. The other events were CAD Modelling, Mr. Mechanic, Code Debugging, Technical hunt, flashes of Tech-med Technical Quiz, Circuit Debugging and E2chunt.

After the successful commencement of inauguration in the morning, it is followed by project expo. Nearly 60 teams actively participated by displaying their very own innovative project models. Welcome robot was kept at the front which made many people to grin . The model of windmill was done by EEE department students. Also, the civil department students of the college made their first architecture by building an impressive model. The students from the department of mechanical had created a design and fabrication of electric cart similar to a model of car that was amazing and hybrid vehicle was created by automobile students.

Students were provided with delicious fest during lunch. Most of the external participants from various colleges and institutions have enjoyed and appreciated it. Also an exhibition of various evolutionary bike models made the crowd wonder. Apart from technical and non-technical events, final year students have taken an initiative and organized fun events for the refreshment of the participants. With lots of games and colourful decorations, all the participants thoroughly enjoyed the Technical Extravanga Tech Fest '22.



## ACADEMIC EVENTS

The Department of CSE and AI&DS, Paavai College of Engineering organized an alumni guest lecture on the title of 'Mainframes – The Big Iron of Computing World' on 03.09.22. The session was inaugurated by Dr.A.Immanuvel, Principal, Paavai College of Engineering. The keynote address was given by the guest speaker Mr.Hayath Basha, Senior System Z Programmer Kyndryl India (IBM GTS), Bangalore. He shared his experience as a student which gave him confidence to face the real world outside the campus. He shared about the uses of mainframes and applications of mainframes in our active life.



The Department of Computer Science and Engineering along with The Department of Cyber Security, the CSI-Student chapter in association with Object Automation, Chennai organized a workshop on the topic 'Cyber Security and the threats of Mobile Devices' on 03.09.22 through online mode. Dr. M.Premkumar, Principal of PEC, gave the presidential address. The resource speakers were Dr.T.Sudhakar, Associate Professor, VIT-AP University, Amaravathi and Mrs.Deepthi, Junior AI Engineer, Object Automation, Chennai. Mr Sudhakar explained about Cyber Security risks posed by mobile devices. He elaborated on how to protect ourselves from mobile security threats. The workshop was interactive and informative. A total of 250 students and the faculty members attended this online workshop.

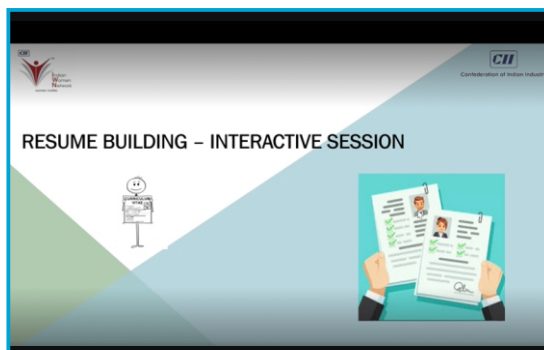
### Hacking Phases

- Information Gathering
- Vulnerability Analysis
- Deep Vulnerability Analysis
- Create a Payload (Weapon)
- Exploiting (Attack)

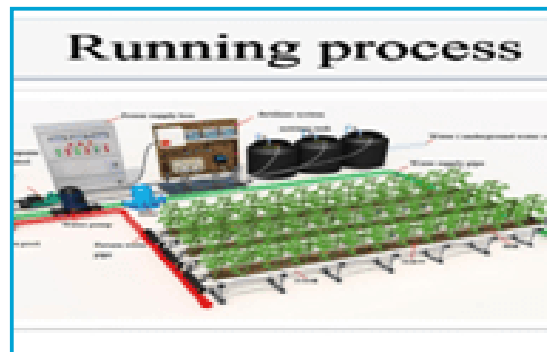
The Department of Food Technology has conducted a guest lecture entitled 'Spirulina – Livelihoods and Business Venture' on 03.09.22. The students of FT, Chem, Agricultural Engineering of Paavai Engineering College & Biotechnology students of PCT attended the guest lecture. The resource person of the day Mr.C. Sridhar, proprietor, A Spiruv-V flabbergasted the students with various cultivation processes of Spirulina, Mushroom and Azolla. He also enlightened the students about the health benefits of spirulina and its scope as a business venture. The students interacted with the subject expertise with their queries and illuminated themselves.



Paavai Engineering college along with CII-IWN(TN) conducted a webinar on 'Resume Building' on 03.09.22 for all third-year girls. The resource person of the day, Ms. Rajeswari Natarajan appraised the students with the necessary sections a resume should contain and enlightened them about the importance of including their unique skill sets, contact details, education details with specificity etc., She also suggested the students to do their SWOT analysis along with the help of the faculty members and create a LinkedIn account and explained the importance of it. She also alerted the students with some Do's and Don'ts to be followed in a resume. The students raised their queries and interacted with the resource person.



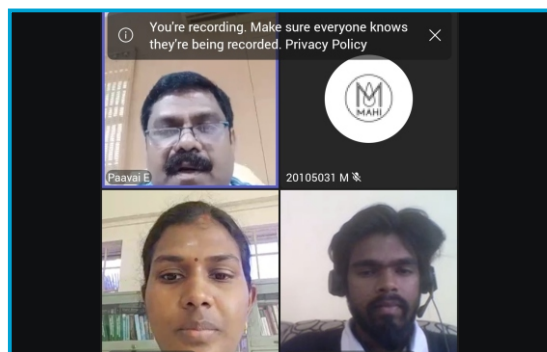
The Department of Agriculture Engineering has conducted an Alumni Guest lecture entitled 'Hydroponics' on 05.09.22. Nearly 250 students of Agriculture Engineering department, PEC attended the lecture. Mr.R.Venkateshan, Research and Development in Hydroponics, IGO in Agri Tech Farm, Chennai was the resource person. He flabbergasted the students with the knowledge of automation in hydroponics and various sensors used in monitoring the unit. He also enlightened the students about the water resources suitable for hydroponics. The students interacted with the subject expert and illuminated themselves.



Paavai Institutions celebrated Teachers' Day in a devotional and spirited way by organising Guru Vanakkam at Anandha Arangam on 05.09.22. In the presidential cum welcome address, Chairman, Shri.CA.NV.Natarajan congratulated all the students for having strong faith and trust in their teachers to perform Paadha Pooja. Dr.Kumarasamy, Retired Professor, Department of English, Government Arts College, was the chief guest. In his address, he stated, that he was immensely pleased to be in a serene, divine and blessed atmosphere where the spirits of the entire crowd have been elevated in the Arangam. He appreciated the students for excellent rendition of the bhajans.



The Department of ECE in association with the Institution of Electronics and Telecommunication Engineers of India, (IETE) – Erode Local Centre, organised an online seminar titled 'Recent Trends In Automotive and Embedded Systems' on 06.09.22. It was aimed at disseminating knowledge to students about the role of electronics engineers in the automotive and embedded system industries. Mr.S.Surender, System Validation Engineer (Automotive embedded), Visteon Technical and Service Center, Chennai was the resource person. In his address, he briefed about Embedded System.



A two day orientation programme for the 2<sup>nd</sup> year students was held from 06.09.22 and 07.09.22 at Keerthi Hall. Dr.M.Premkumar, Principal, PEC, Dr.K.Selvi, Professor CSE, PCT Dr.K.Subashini, Head, FDD, Mrs.Vimala, 1st year HoD, PCE, Dr.R.Shanthi, HoD, English, PEC, Dr.D.Bhanumathy, CSE, HoD, PEC, Dr.R.Mohanapriya ASP, ECE, PEC, Mr.Thamaraiselvan Head, Placement and Training, PEC were the resource persons for the programme who threw light on areas such as Paavai Culture, Chillax , Communication Skills, Value Education, Involve to Evolve, Respect Education, Online Learning Tools and Career Development.

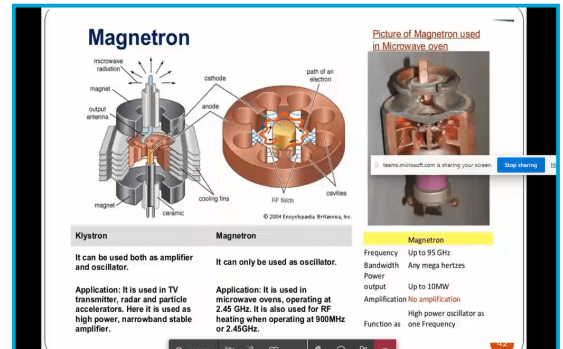




On account of Onam Festival, flower arrangement competition was conducted for the students of Pavaai Arts and Science College for Women on 08.09.22 at Arivanantha Arangam from 11.00 a.m. to 12.00 noon. Ten teams consisting of eight students each participated in the competition. The participants exhibited their talents with great enthusiasm. Students of II B.Sc Chemistry got the first prize. Students of II B.Sc. Computer Science received the second prize and the third prize was shared by I B.Sc CSE and II BCA & II B.Sc CSE Students.



The Department of ECE in association with the Institution of Engineers India, (IEI-Salem Local centre), organised an online Guest Lecture titled 'Microwave Electronics-Future Trends' on 08.09.22. Dr.M.Premkumar, Principal gave the presidential address. Mr.C.Ganesh, AP/CCE, Sri Eshwar College of Engineering, Coimbatore was the resource speaker. The speaker elaborated the topic in a detailed manner.



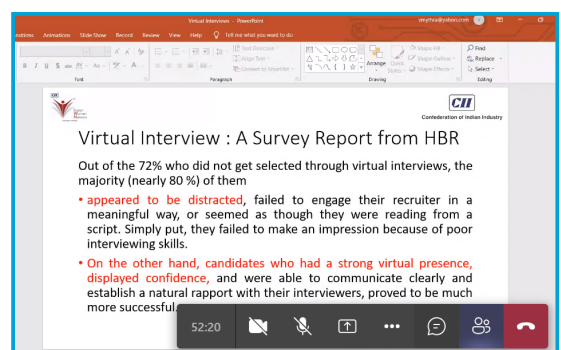
A two day orientation programme for the 3<sup>rd</sup> year students was held from 08.09.22 and 09.09.22 at Keerthi Hall. Dr.M.Premkumar, Principal, PEC, Dr.K.Selvi, Professor CSE,PCT, Dr.K.Subashini,Head,FDD, Mr.C.Loganathan, HoD,Audio and Visual, Paavai Institutions, Dr.R.Shanthi, HoD, English, PEC, Dr.D.Bhanumathy, CSE, HoD, PEC, Dr.R.Mohanapriya ASP, ECE, PEC, Mr.Thamaraivelan Head, Placement and Training, PEC were the resource persons for the programme who threw light on areas such as Paavai Culture, Chillax, Communication Skills, Value Education, Involve to Evolve, Life Skills, Online Learning Tools and Career Development.



The Department of ECE in association with the Paavai Alumni Association Cell, organised a guest lecture titled 'Money Management' on 10.09.22. It was aimed at creating awareness to the young minds to start their savings and how to become a millionaire 'ASAP'. Mr.Nivas Baskaran, Software Development Engineer, Flipkart Internet Private Limited was the speaker. In the presidential address, Dr.M.Premkumar, Principal insisted the ways to channelize the flow of funds. Mr.Nivas Baskaran, the alumnus speaker briefed the various rules such as 50:30:20 for Money Management in-terms of needs, wants and savings.



Paavai Engineering college along with CII-IWN(TN) conducted a webinar on 'Virtual Interview Techniques' on 10.09.22 for all third & final year girls. The resource person of the day Ms. Mithra Malini enlightened the students about being virtual. She insisted the necessary Do's and Don'ts that should be considered while attending a virtual interview. She also suggested the students to do their preparation before the interview and reveal their personality to develop a first impression. The difference in both online and offline interviews was emphasized. She also enlightened the students about probing techniques. The students raised their queries and knew how to answer in a correct way during an interview.



A two day Training Programme for all third year students was given by Placement & Training Cell on 12.09.22 & 13.09.22. Dr.J.Thavamani, Principal, Pavaai Arts and Science College for Women, presided over the function held in Keerthi Hall. Around 230 Students were benefitted by the programme.



It was a 7-day (12.09.22 to 17.09.22) Internship Awareness Program for all the second year and third year students. First, the overall Internship staff coordinator of Paavai Engineering college Mr.B.Venkatesan, gave the awareness about the importance of internships in the life of college students. Internshala student partners B.B.Sathyaa and A.Mohammed Riyaz from final year IT , gave awareness about the importance of internships and how students can apply for the internships on their domain. Students were informed about the major role in providing internship in companies all over the world by Internshala.



Google Developer Student Club conducted the compose camp (Android study Jam) on 14.09.22. In this camp, student developers were taught Google Technologies through Android app development courses provided by Google community. Mr.Vijaykumar trained the students on Android App development for the GDSC members in our campus. The GDSC members from various departments eagerly participated. Certificates were provided to the performers.



On Engineer's day, Indian Society For Technical Education (ISTE) and PEC jointly organized a one day Guest Lecture on 'Conceptual developments in Information System Engineering from 1990s to 2020s'. The programme was held on 15.09.22 at Kalams Chamber. Dr.M.Premkumar, Principal, PEC, presided over the function. In his presidential address, he encouraged the students to think in a different way to achieve their goals in life. Dr.D.Venkatesan, Professor/IT, BIT Campus, Anna University, Trichy was the chief guest. He explained briefly about the conceptual developments and principles of Engineering in the Information System.





On 15.09.22, English Literary Association, PASCW conducted Poem Writing Competition on 'Contradictionism' in Keerthi Hall, at 11.00 a.m. All the students from Department of English participated in the competition with fullest vigour. Students poured out their thoughts and ideas on the topic 'Contradictionism' as Human vs Nature, Dream vs Reality, The Rich and The Poor, Near vs Far, Birth and Death and so on. A.P. Manjanavadiwu of I B.A. English won first position, A.Vedhavarshini of II B.A. English took second position and P.Divya Dharshini of II B.A. English received third prize.



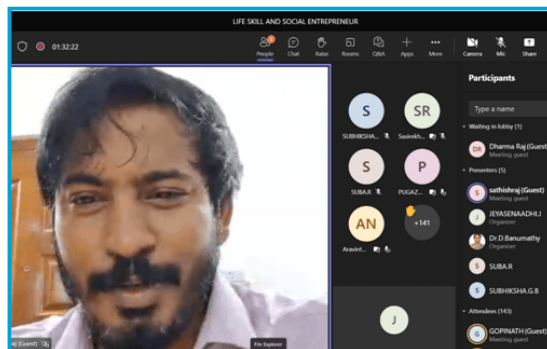
Math Association conducted an activity 'Fun with Maths' at Keerthi hall on 15.09.22 in PASCW. In this programme, students were divided into five teams Pentagon, Hexagon, Heptagon, Octagon and Nonagon, each team containing three students each. There were five rounds. Balloon Burst, Math Connections, Math Sketching, Jumbled Words, Mono Acting in which the team should find the Mathematical Word through actions within one minute. Students of Mathematics department participated in the events with full energy and gusto. Finally, Heptagon got first prize, Hexagon got second prize and Nonagon got third prize.



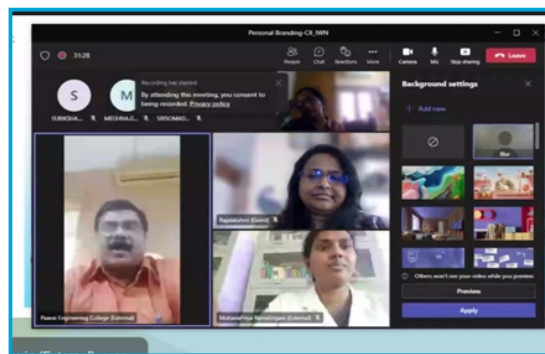
Department of Commerce, PASCW and Department of Management Studies, PEC in association with Department of Commerce, Manipal Academy of Higher Education and Brickwork Ratings Pvt Ltd conducted a seminar titled 'Financial Literacy' on 16.09.22. The guest speaker Dr.Mathew Thomas, Assistant Professor (Senior Scale), Manipal Academy of Higher Education, in his speech, elucidated some aspects like cut down expenses and budget planning for future growth and savings. He gave some ideas and tips to the students to invest money in different sectors. He also explained the concept of stock markets, savings accounts, mutual funds and commodities.



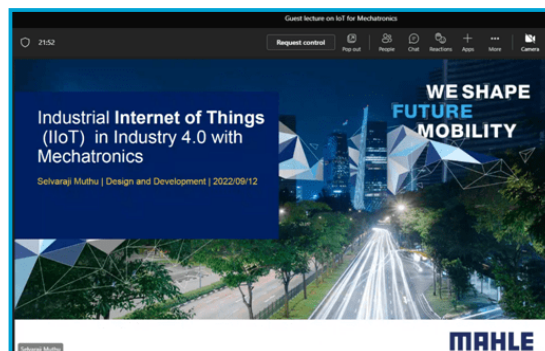
The Department of Computer Science and Engineering and Department of Cyber Security in association with ICT Academy organized a webinar on the topic 'Life Skill and Social Entrepreneur Skills' on 16.09.22 in online mode. The speaker gave a talk about the life and entrepreneur skills to the students in a detailed manner. Students cleared their doubts by asking questions to the chief guest in an enthusiastic manner.



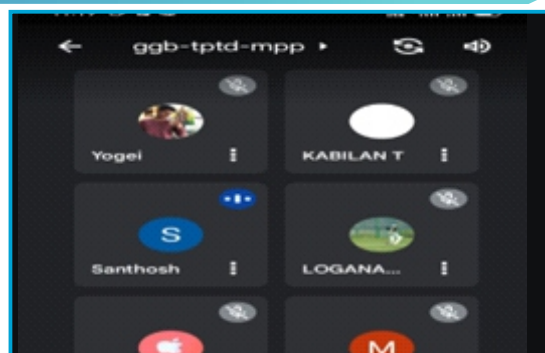
Paavai Engineering college along with CII-IWN(TN) conducted a webinar on 'Personal Branding' on 17.09.22 for second, third and final year girl students. Dr.M.Premkumar, Principal, PEC gave Presidential address. The resource person Ms.Anuja Karl marx, Director Human Resources, ITW India Private Limited Automotive enlightened the students to Open Self, Blind Self, Hidden Self and Unknown Self. She also explained about the need for personal branding, branding for the interview, branding on social media, benefits of a strong personal brand, and how to create your own brand story. Ms.Rajalakshmi, Co-Chair of Indian Women Network was a part of the webinar.



Department of Mechatronics of Paavai Engineering College in association with Microbytes Innovation Club organized a guest lecture on the topic IoT for Mechatronics held on 17.09.22 in online mode. Mr.SelvarajiMuthu, Senior General Manager, Design and Development, MAHLE Engine Components India Pvt. Ltd., Maraimalainagar, Kancheepuram was the resource speaker. In his address, he briefed about the concept of Internet of Things, which is all about interconnection of machines and devices to network through sensors, communication protocols, analytics and specific software. Around 60 members participated in the online guest lecture.



The Department of CSE and AI&DS, PCE organized a webinar on 'Full Stack Development Using Power Builder and SQL' on 17.09.22. The session was inaugurated by Dr.A.Immanuel Principal, PCE. Mr. R. Murugesan, Head of the Department, CSE and AI & DS felicitated the gathering. Also, Heads of various Departments, faculty members of CSE and AI & DS attended the session. The keynote address was given by the guest speaker G.Santhosh Kumar, Software Engineer, Raqmiyat Information Technology Pvt. Ltd, Chennai.



The Department of EEE, in association with Energy Club of PEC organized a five-day training programme on 'Programming Delta PLC using LD' held from 21.09.22 to 27.09.22. Dr.M.Premkumar, Principal, presided over the function. Mr.S.Aravinth, Senior Project Engineer, IPCS Global Solutions Pvt. Ltd, was the resource person. The main objective of this training was to make the aspiring engineers aware of the theoretical as well as practical knowledge of Industrial Automation. Ladder Programming tasks were given to the students after demonstration sessions in order to have a learning experience.



On 21.09.22 PASCW Department of Physics organised an association activity on the topic 'Physics in Every Day Life' in Keerthi Hall at 11.00 a.m. Dr.J.Thavamani, Principal headed the event and felicitated the gathering.. Students came out with new thoughts and ideas on various topics like Electricity Maintenance, Heat Engine, Earth Satellite, Uses of Microscope, Telescope, Projector, and so on. Ms. R. Harini of II M.Sc Physics won the first Place, S. Varshini of III B.Sc Physics took second position and K. Roshini of III B.Sc Physics received third prize.





Department of EEE in association with Energy Club of PEC organised a one day webinar on 'Modernization of the Grid and Distributed Energy Systems' on 21.09.22. Dr.M.Premkumar, Principal, presided over the function. The guest speaker, Prof. Ravi Samikannu, Associate Professor, Department of Electrical, Computer and Telecommunications Engineering, Botswana International University of Science and Technology, Palapye, Botswana, emphasized the significance of a modernized grid that allows for two-way communication and data flow.

## Modernization of the Grid and Distributed Energy Systems

2022-09-21 14:46 UTC

Recorded by: Ramachandran Selvaraj  
Organized by: Ramachandran Selvaraj  
Channel: EDC - EEE

On 21.09.22 Department of Chem, PASCW organised an association activity on the topic CHEMEXPO ACT 22 in Keerthi Hall at 2.00 pm. Mrs. K. Anna, III B.Sc Chem prepared herbal bathing powder, Ms. D. Poornima, III B.Sc. Chem prepared dandruff free conditioner, Ms. S. Kanimozhi, III B.Sc Chem prepared face glowing cream, Ms. S. Hema, II B.Sc, Chem prepared face clear gel, Ms. M. Niviya II B.Sc Chem and B. Dharshini, II B.Sc Chem demonstrated the importance of titrations, Mrs. P. Tharanika, III B.Sc Chem and Ms. T Kavipriya, III B.Sc Chem explained the presence of protein, carbohydrate and nitrate in a given substance. Dr. A. Rubavathy Jaya Priya demonstrated and explained the preparation of Phenol.



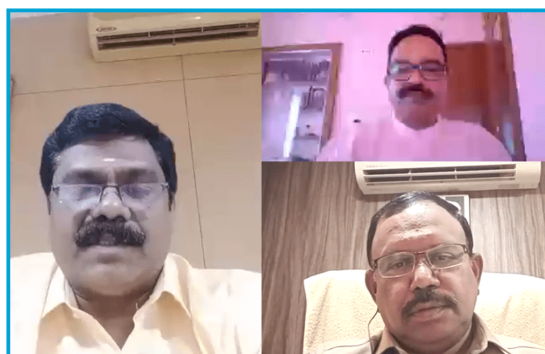
The Department of Electrical and Electronics Engineering, PCE organized an alumni guest lecture on the topic 'Career Planning' on 21.09.22 at Brilliant Hall. The program started with the prayer song. Ms.G.S.Archana Prasadhini, final Year EEE welcomed the gathering. Dr.K.K Ramasamy, Director Admin, Paavai Institutions, delivered the presidential address. The Guest Speaker was Mr.Gokulraj Saravanan, Application Development Team Leader, Accenture, Bangalore gave the keynote address on setting their career planning.



Constructors Club, Department of Civil Engineering, PEC organized 'Brain Teaser and Build Your Own' on 21.09.22 as a part of club activity. In Brain Teaser event, teams from II, III and IV year from various departments participated. R.Chandru, II IT and S.M.R.Rajeshwaran, III Mech and A.Dharshan, II IT and S.R.Amruthprasath, II IT won 1<sup>st</sup> place and G.Udhayamoorthy, II IT and U.Dhanush, II IT won 2<sup>nd</sup> place. In build your own event, which is a model making event S.Dineshkumar, S.M.R.Rajeshwaran, K.K.Karthick, III Mech won 1<sup>st</sup> place and R.Vengatesan, U.Rambojith, C.Sarathi, III Mech won 2<sup>nd</sup> place.



The Department of ECE in association with (IEI), India, organised a one day National Level Conference on 'Innovative Trends in Communication and Technology -NCITCT 22'on 21.09.22 from 10.00 a.m. to 4.30 p.m. The welcome address was given by Dr.M.Premkumar, Principal, PEC. The presidential address was given by Dr.K.K.Ramasamy, Director Administration, Paavai Institutions. Dr.K.Ganesha Raj, Former General Manager and Advisor, Regional Remote Sensing Centre, ISRO was the Chief Guest. Er.N.Senthil Kumar, Honorary Secretary,IE(I),Salem Local Centre was the guest speaker. Prelude for the conference was given by Dr.M.Sudha, Head of the Department, ECE. Around 90 papers were received from various states and colleges across India.



A Guest Lecture on the topic 'Internet of Things' was organised by the Department of Computer Science of PASCW on 22.09.22 in Keerthi Hall at 11.00 a.m. The programme started with the prayer song by the students and S.Saburna of III B.Sc. Computer Science welcomed the gathering. Ms.S.Farjana of III B.C.A introduced the Guest Speaker Mr.E.Elanchezhian, Assistant Professor, Department of CSE, Paavai Engineering College, Pachal. In his speech, he explained about Internet of Things, use of IoT and its applications with some real time examples like home automation, environmental monitoring and transportation.



Department of Automobile & Mechanical Engineering in association with Institution's Innovation Council of PCE organized Poster Presentation on start-ups on 22.09.22 to initiate startups and entrepreneurship ideas among students. The presentation was chaired by Dr. A. Immanuel, Principal, PCE and followed by Dr.J.Narendran, Head of the Department of Mechanical Engineering, PCE. The Jury, Dr.M.Makesh, Professor, Department of Mechanical Engineering delivered his speech about the need of startups in economic development of the nation.



The Department of Pharmaceutical Technology conducted a seminar entitled Molecular Perspective on 'SARS-CoV-2 Drug Targets, Drug Designing and Research Roadmaps' on 22.09.22. The students of Pharmaceutical, Food Technology and Chemical Engineering of Paavai Engineering College attended the virtual seminar. The resource person of the day Dr.Chandrabose Selavaraj, Senior Scientist, Drug discovery division, Seoul, Republic of Korea flabbergasted the students with various perspectives of CoV-2 and Molecular docking studies. He also enlightened the students about the roadmaps of research and the importance of learning drug designing. The students interacted with their queries and illuminated themselves.





A seminar on the topic of 'Awareness Program on Higher Studies in Foreign Universities' was organized by the Centre for Foreign Studies on 22.09.22 at Kalam's Chamber in PEC. Ms. Simene Hussain, Branch Head, EDWISE Overseas Education Consultants, Coimbatore was the chief guest and delivered the seminar. The objective of the seminar was to create awareness among the students about higher studies abroad and provide information regarding formal requirements to the aspirants. Dr.M.Premkumar, Principal, PEC in his presidential address said about the Memorandum of Understanding Paavai Engineering College made with Taiwan Universities. The chief guest in his lecture explained how foreign universities admit international students in their universities for various Bachelor's and Master's programs. Dr.K.Sundaramurthy and Dr.V.Subburam, Coordinators of 'Higher Studies – Abroad' had taken care of the arrangements.



A webinar on the topic, 'Positive Thinking' was organised by the Department of English of PASCW on 23.09.22 in Keerthi Hall at 11.00 a.m in the presence of Dr.J. Thavamani, Principal, PASCW. All UG and PG students of the Department of English attended the webinar. Ms. S. Jananee, III B.A. English welcomed the gathering. Ms.M.Saranya of III B.A. English introduced the Guest Speaker U. Pusphalatha, Assistant Professor, Department of English, AMET Deemed to be University, Chennai. The webinar started with a positive vibration among the students as the guest speaker imparted them to approach life optimistically. She emphasized the importance of sustaining healthy mind to ensure healthy body.



Paavai Engineering college along with CII-IWN(TN) conducted a webinar on Entrepreneurship on 23.09.22 for all the girls. The resource person of the day Ms. L. Rajalakshmi enlightened the students on why Entrepreneurship is important and how calculated risk need to be taken for being an entrepreneur. She insisted on the process of learning, unlearning & relearning. She quoted that Entrepreneurship is an Attitude. She also suggested the students to explore sales navigator in LinkedIn and to read Economic Times. The difference in being a live fish and a dead fish was emphasized.



Microbytes Innovation Club, Department of Mechatronics, PEC conducted 'Just a Minute' and 'Marketing and Sales' on 23.09.22. Dr.D.R.P. Rajarathnam, HoD, Department of Mechatronics, initiated the events. Totally 56 students participated from various departments. In Just a Minute event a general topic was given and 6 participants were finalised. In the final round, technical topics were given to the participants and from that first three places were selected based on their performance. In Marketing and Sales event they were given product name through lucky draw and they marketed the product for 2 minutes. In the final round, they were given products based on their domain. Certificates were distributed to the winners.





A Guest Lecture on 'Manufacturing Processes and Scope of Mechanical Engineers In Rubber Industries' was organized by the Department of Mechanical Engineering and Resource Club on 23.09.22. Dr.K.K Ramasamy, Director Admin, Paavai Institutions, delivered the presidential address. This programme imparts basic knowledge on machining process behind the reclaimed rubbers. The resource person was Mr.S.K.G.Sri Ramji, Executive Director, Eskegie Reclaims, Salem. He is a renowned entrepreneur who is working on industrial problems.



The Department of Computer Science and Engineering along with Department of Cyber Security in association with the Software Development & Information Management Club organized an event on the title 'Head Scratchers' on 24.09.22. In the event, totally 72 teams participated and each team had maximum two members. From the second round, top 5 teams were selected as the winners. First and second place was bagged by III IT department, third place by III BME department, fourth place by III Pharma department and finally, fifth place was shared by III Pharma and III Food Tech departments.



On 26.09.22, a special address on “பெரிதினும் பெரிதுகொள்” was conducted in Pragathi Hall at 2.00 p.m. at PASCW. In his presidential address, The chairman stated that the objective of organizing 'Paavai Mission of Women Empowerment Series' is to empower women, so as to empower their family, institution, society and nation. Ms. A.P.Manjavadvu of I B.A. English introduced the Chief Guest. The Chief Guest Dr. Kiruba Karuppannan, Data Scientist, ELPIS IT Solutions Pvt Ltd., Bangalore, insisted the students to believe their inner strength, hold a motive in life and be independent financially to retain happiness. The Correspondent of Paavai Institutions felicitated the gathering.



An online guest lecture was conducted by the Department of Aeronautical Engineering on 26.09.22 on the title 'Advances in Avionics-An Industry Perspective' in Zoom Platform. The students of Aeronautical Engineering attended the online guest lecture given by Dr.K Natarajan, Former AGM Bharat Electronics Ltd., Bangalore. A total of 80 students and 6 faculty members attended the online guest lecture.



The Department of Chemical Engineering conducted a Workshop entitled Process Controllers on 26.09.22. The final year students of Chemical Engineering at Paavai Engineering College attended the Workshop. The resource person of the day Mr. M. Ravi Senior Technician, VI Microsystems Pvt Ltd., Chennai enlightened the students about process controllers and how to operate process control equipment and machinery which is available in the laboratory. He also explained the importance and scope of process controllers behind the industries. The students interacted with their queries and illuminated themselves.



A one day Alumni guest lecture on the title 'Career Opportunities in Civil Engineering' was organized by the Department of Civil Engineering in association with Paavai Civil Engineering Association, PEC on 26.09.22. Dr.M.Premkumar, Principal, delivered his presidential address on this event. Mrs.K.Sharmiladevi, Head of the Department introduced the speaker. Er.S.Vinothkumar B.E.,MBA, Managing Director, Om Sai Ram, Civil Engineer and Contractor, Coimbatore was the resource speaker. He briefed about the multiple job opportunities for Civil Engineering students, various domains of Civil engineering and about project management.



The Faculty Development Department organized a four-day orientation programme for the recently recruited faculty members from 28.09.22 to 01.10.22 at Smart Hall. 25 faculty members from Paavai Institutions attended the orientation programme. The Chairman Shri.CA.N.V.Natarajan, explained the components of teaching profession and asked the teachers to prepare on a daily basis. Dr.K.K.Ramasamy, Director Administration, Paavai Institutions, Mrs.C.Jayalakshmi, Dean Counseling, Dr.M.Premkumar, Principal, PEC, Dr.B.Murali Babu, CoE, Dr.K.Selvi Professor, CSE, PCT, Dr.K.Subashini, Head FDD, Mr. Thamariselvan, Head, P&T, Dr.D.Bhanumanthy, HoD/CSE, Dr.R.Shanthi, HoD/Eng, Dr.R.Mohanapriya, ASP/ECE, and Mr.Elavarasan Yoga trainer were the resource persons.



On behalf of our Paavai Engineering College, department of Information Technology in association with Growing Coders Club had organized technical events - Technical Bioscope and Starithm on 28.09.22 at Prestige hall. Participants from departments like EEE, ECE, Cyber Security, CSE, MCT participated eagerly. First technical event was Technical Bioscope & Second Technical event was Starithm. From the results of two rounds, top two teams were selected and certificates were provided by our Jury Dr.S.Balu, Dept of CSE, PEC.



On 29.09.22, Department of Computer Science, PASCW organised an association activity on the topic 'Connection with Connection Expo 2022' in Keerthi Hall at 2.00 p.m. Dr. J. Thavamani, Principal presided over the function and Mrs. K. Vimala, HOD encouraged the students for active participation. Students were divided into 5 teams namely C, JAVA, ASP, VB, Python with seven members each. Winners were finalized based on their performance from Round 1, Round 2 and Round 3. Team Python consisting of S.Priyanka, V.Yuvasri, M.Pradeepa, P.Priyadarshini, S.Yamunadevi, J.Kalaishree and S.M.Gowarthini got the first prize.





The department of Aeronautical Engineering in association with Aeromodelling Club organized Aeroock's 2022, Paper Rocket Competition and Pictorial Puzzle on 30.09.22 at Aeronautical Block from 2.00 p.m to 4.00 p.m. Students from various departments actively participated and prizes were distributed to the winners.



## SOCIAL SENSITIVITY

The Youth Red Cross of Paavai Engineering College in association with the Atchayam Trust, Erode had organized an awareness programme titled 'Rehabilitation for the Homeless' on 06 .9.22 in Kalams chamber between 11.00 a.m. to 12.30 p.m. Mr.P.Naveenkumar M.E, Founder of Atchayam Trust was the Chief Guest. Dr.M.Premkumar, Principal, PEC gave the presidential address and explained the need of service to others, shared his experiences as a volunteer during his college days and being a part of various social services. Mr. P. Naveen kumar addressed the students and discussed the importance of humanity and helping homeless people. He also added that one should be both physically and mentally fit to face the challenges ahead.



On 08.09.22, S. Indhu, III B.Sc Mathematics of Pavai Arts and Science College for Women won Second Prize (Rs. 1,000/-) in an Inter-college drawing competition on the topic 'Freedom thus caused the Progress for Women' held at Govt. Boys Hr. Sec. School, Namakkal (South School).



Paavai Engineering College, NSS Volunteers served food for more than 1 lakh people along with 500 volunteers at Atthanoor Amman Kovil Kumbhabishekam, on 12.09.22. They also served food for more than 20,000 people on 11.09.22 at Atthanoor Amman Kovil along with 300 volunteers.



The Talent Quest for India of Paavai Engineering College conducted NMMS (National Means-cum-Merit Scholarship Scheme) exam training for Government Higher Secondary School, Namakkal North on 13.09.22. In this training class the Science subject for NMMS exam was explained. School students attended the class with more excitement and curiosity.



NCC, NSS and YRC conducted 'First Aid Awareness Programme' on 14.09.22. Lt. G. Prema, HoD, Department of Commerce gave an introduction about First Aid. The Guest speaker Mr. C. Loganathan, Ex. NCC Officer, Head of Audio visual, Paavai Institutions, in his speech shared his experience on 'Life Skills'. He explained the importance of First Aid and how to make first aid box. He then gave awareness to handle choking, fainting, Artificial respiration (CPR), drowning, fire accident, fracture, injured, bleeding, poisoning, etc., clearly.



10 NSS Volunteers of PEC actively participated in 12<sup>th</sup> Indian Student Parliament from 15.09.22 to 17.09.22 organized by Ministry of Youth Affairs and Sports, Government of India, Ministry of Higher & Technical Education, Maharashtra, All India Council for Technical Education (AICTE) at MIT World Peace University, Pune, Maharashtra. All over India more than 10,000 active students participated in 12<sup>th</sup> Annual National Conclave.



8 NSS Volunteers of PEC actively participated in the National Youth Development Camp-2022, Motivational and Learning Camp from 16.09.22 to 20.09.22 organized by Humari Udan Apno Ke Liye Seva Sansthan, Rajasthan at Shri Karan Krishi Farm House, Khemli, Udaipur, Rajasthan. The students actively participated in this camp and performed various cultural activities.



In connection with IWCD for the Blind, students and staff members contributed the amount for the visually challenged children on 20.09.22 and the total amount was Rs.18,625/-. The donated amount was sent to the Indian Association for the Blind, Madurai and all the Children Orphanage, Chennai for education purpose.



The Talent Quest for India of Paavai Engineering College conducted NMMS (National Means-cum-Merit Scholarship Scheme) exam training for Government Higher Secondary School, Nallipalayam, Namakkal on 20.09.22. In this session the Social Science subject for NMMS exam was explained. School students attended the class with more excitement and curiosity also asked many doubts. At last volunteers distributed chocolates as a sign of encouragement.





On behalf of World Alzheimer's Day on 21.09.22, the theme of 'Know Dementia, Know Alzheimer's' PCNR conducted a quiz Competition for 3<sup>rd</sup> Year B. Sc Nursing students from Psychiatric Nursing department. Eight students participated in the quiz competition as team A and team B. Team A won the first place. It was very beneficial to the students as they are preparing for their forthcoming exams. Dr.Hepsi Rachel Charles, Principal, Paavai College of Nursing and Research was the Jury for this quiz competition.



National Service Scheme, Paavai Engineering College and Jayam Hospital, Mallur, Salem jointly organized the Blood Donation Camp on 22.09.22 on the college premises. Dr.Pandiyan, Jayam Hospital, Mallur, Dr.M.Premkumar, Principal, Paavai Engineering College, was present and he encouraged the students to donate blood. Mr.C.Rathnakumar, NSS Programme Officer, organized the blood donation camp. Totally 131 students donated their blood.



On 24.09.22, NSS Day was celebrated by the NSS unit of the Paavai Engineering College. On the occasion the Mr.C.Rathnakumar, NSS Programme Officer, Paavai Engineering College and the NSS volunteers took the NSS pledge with dedication in the service of the nation. NSS volunteer Silabam World Record receiver Ms.S.Sugirtha, B.E. (Agri.), Third year, Paavai Engineering College performed silambam. A total of about 100 NSS volunteers were present in the oath taking ceremony.



Department of Physical Education, Paavai Institutions, organized the Rasipuram & Mallasamudram Zonal Level Inter School Athletic Meet at our Campus on 06.09.22 & 12.09.22.



## Students' Achievements and Awards

Name of the Student	Year, Dept & College	Name of the Programme	Venue and Date	Name of the Event	Position/Place
D.Kamatchipriya S.Vidhyawathi	III IT - PEC	Symposium	Selvam College of Technology	Paper Presentation	First Place
K.Sharmila	III IT - PEC	Symposium	Selvam College of Technology	Paper Presentation	First Place



Name of the Student	Year, Dept & College	Name of the Programme	Venue and Date	Name of the Event	Position/Place
S.Logeshwaran	II EEE - PEC	Symposium	A.K.T Memorial College of Engineering & Technology 27.09.22	Paper Presentation	Second Prize
N.Narmadha M.Shathaj	II EEE - PEC	Symposium	A.K.T Memorial College of Engineering & Technology	Paper Presentation	First prize
R. Kishan Raj Hanon Jos Alex V. Karthick P. Karthick	III Agriculture - PEC	Symposium	PSG College of Technology & 02.09.22	Poster Presentation	First Place
M. Dinesh	III Agriculture - PEC	Symposium	PSG College of Technology & 02.09.22	Paper Presentation	First Place
G. Aravinth R. Hari Karthick S. Harishwa G. Dhanushree	III Agriculture - PEC	Symposium	PSG College Of Technology & 02.09.22	Paper Presentation	Third Prize
A. Manoj Kumar	III Agriculture - PEC	Symposium	PSG College Of Technology & 02.09.22	Poster Presentation	Third Prize
P. Sneha V. Subasri	III Agriculture - PEC	Symposium	Dhanalakshmi Srinivasan Engineering College & 02.09.22	Paper Presentation	Third Prize
T.Parameshwaran	IV ECE - PEC	Fine Arts Club	Paavai Engineering College. 30.08.22	Vinayagarchathurthi Event- drawing and pencil sketching	First prize
R.Sweshika	Batch (2017-2021)	-	Rastrapathi Bhavan, New Delhi 24.09.22	NSS Best Volunteer	National Level Best Volunteer Award
G.Kannan Prasanthkumar Niranjan	III ECE - PEC	Symposium	AKT College of Engineering 28.09.22	Paper Presentation	First prize
V.Deepakkumar S.Jeganathan	II EEE - PEC	Symposium	Selvam College of Technology, 29.09.22	Project Presentation	Second Prize

## Journal Publications and Patents

Name of the Student / Faculty	Journal Name / Book Name	Title of the Patent/ Article / Book	Reference No.
Prof. K.Sharmiladevi, AP&HOD-Civil	Advances in Materials Science and Engineering	Study on Performance of Infilled Wall in an RC – Framed Structure using a Reinforcing Band	Volume 2022, Article ID: 8643959
Prof. K.Sharmiladevi, AP&HOD-Civil	Positif Journal	Behavioural Analysis of RCC Building Elements using ETABS	ISSN NO: 0048-4911
Dr.G.Balaji Prof.&HOD-EEE	Elsevier	Colloids and Surfaces A: Physicochemical and Engineering Aspects	ISSN NO: 0927-7757 VOL 655
R.Muthukumar AP-EEE	Elsevier	The charge transfer pathway of g-C <sub>3</sub> N <sub>4</sub> decorated Au/ Ni <sub>3</sub> (VO <sub>4</sub> ) <sub>2</sub> composites for highly efficient photocatalytic hydrogen evolution	ISSN NO: 0927-7757 VOL 655
J.Sujith Kumar AP-Mech	Journal for Basic Science	Optimization of process parameter for machining of Aluminium Hybrid Metal Matrix Composite in Laser Beam Machining using Dear Methodology	JBS/1444, Vol 22, Issue
V.Senthil Kannan, AP-Mech	Journal for Basic Science	Optimization of process parameter for machining of Aluminium Hybrid Metal Matrix Composite in Laser Beam Machining using Dear methodology	JBS/1444, Vol 22, Issue
Dr.A.P.Sivasubramaniam, Prof.&HOD-Mech	Zeichen Journal	Effect of SiC Inclusion on Aluminum Hybrid composite	ISSN No: 0932-4747, Volume 8, Issue
T. Sathees, AP-Mech	Journal for Basic Science	Optimization of process parameter for machining of Aluminium Hybrid Metal Matrix Composite in Laser Beam Machining using Dear Methodology	JBS/1444, Vol 22, Issue
V.Senthil Kannan, AP-Mech	Zeichen Journal	Effect of SiC Inclusion on	ISSN No: 0932-4747, Volume 8

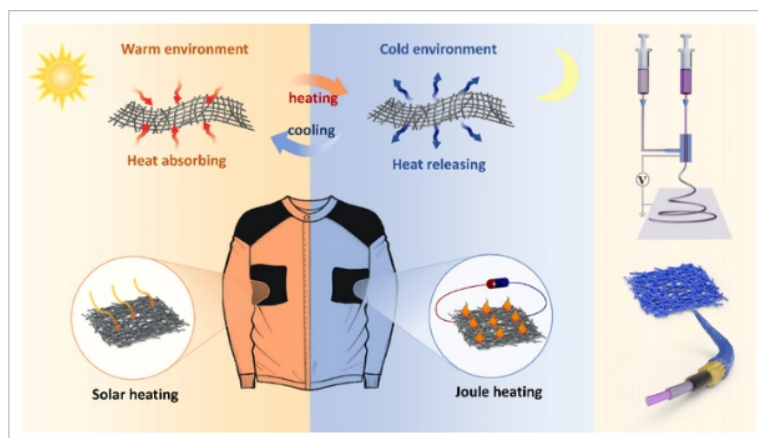


## DIFFERENT TYPES OF ABSTRACTS

### VISUAL ABSTRACT (OR) GRAPHICAL ABSTRACT:

Now-a-days research articles carry visual or graphical abstracts as the journals demand catchy abstracts. Abstracts provide a single, concise, pictorial and visual summary of the main findings of the work. Such abstracts contain figures that capture the content of the article for the readers at a single glance. Given below is one example.

Development of comfort fabric to manage atmospheric temperature:

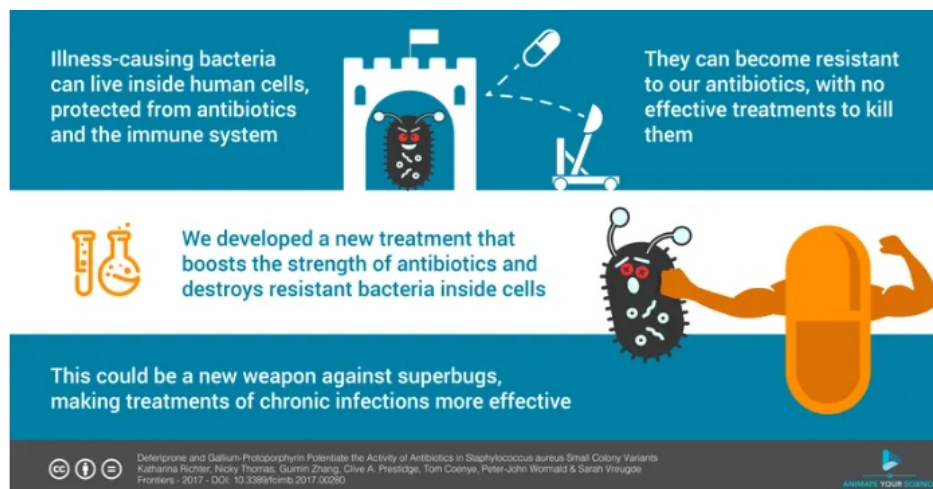


The textile engineers of Shinshu University, Japan have developed a fabric woven out of ultra-fine nano-threads made in part of phase-change materials and other advanced substances that combine to produce a fabric that can respond to changing temperatures to heat up and cool down its wearer depending on need. It can store and release large amount of heat when the material changes phase from liquid to solid.

Source: <https://www.eurekalert.org/news-releases/967307>

### INFOGRAPHICAL ABSTRACT:

This is the advanced style that tends to use both text and graphics in a more visually attractive way. The infographic-based image abstracts are developed using design software, which looks more professional and gains the reader's attention easily. Given below is an example.



The research work: Richter et. Al, "Deferiprone and Gallium-Protoporphyrin have the Capacity to Potentiate the Activity of Antibiotics in Staphylococcus aureus Small Colony Variants", Frontiers in Cellular and Infection Molecular Biology, vol-7, article 280, 2017, doi:10.3389/fcimb.2017.00280

## WORLD HEART DAY 2022

World heart day is an opportunity for everyone to stop and consider how best to use heart for humanity, for nature and for you. Use heart means to think differently and to take the right decisions. To act with courage and to help others to engage with this important cause.

Beating cardiovascular disease (CVD) is something that matters to every beating heart. The heart is the only organ you can hear and feel. It is the first and last sign of life. It is one of the few things with the potential to unite all of us as people.

Cardiovascular disease is the world's number one killer, causing over 18.6 million deaths per year. Of these deaths, 85% are due to coronary heart disease (e.g. Heart attacks) and cerebrovascular disease (e.g. strokes) and mostly affect low and middle- income countries. However impressive and strong, heart can also become vulnerable from habitual risk factors like smoking, physical inactivity, eating unhealthy diet, living under stress and other physiological factors including hypertension and high blood cholesterol.

Prevention is better than cure. Hence, Lifestyle modification is the only way to prevent CVD.

### A. Prevention of high serum cholesterol and triglycerides

- Do periodical laboratory test to know the level of cholesterol and triglycerides in the blood.
- Follow the food pyramid guide by restricting all sources of bad cholesterol. e.g. eggs, red meat and animal organs like liver and kidney.
- Avoid saturated fats such as ghee, butter, and vanaspathi / dalda.
- Avoid sugar and sweets.
- Eat a healthy diet – fruits and vegetables.

### B. Prevention of hypertension

- Maintain an ideal body weight.
- Increase the physical activity.
- Reducing the food containing sodium and increasing the food with potassium. e.g. banana
- Restrict the salt and fat intake. Avoid Alcohol.
- Check the BP periodically.

### C. Prevention of obesity and Physical inactivity

- Maintain an ideal body weight.
- Each individual must know how to calculate the BMI.

$$\text{Body Mass Index} = \frac{\text{Weight (in kg)}}{\text{Height}^2 \text{ (in m)}}$$

BMI	WEIGHT STATUS
18.5 – 24.9	normal weight
25.0 – 29.9	over weight
30.0 – 34.9	obesity class I
35.0 – 39.9	obesity class II
Above 40	obesity class III / morbid obesity



- 150 minutes a week of moderate physical activity (30 minutes a day for 5 days a week is recommended).
- Avoid sugary drinks, salt soda and Intake of alcohol.
- Know your blood glucose level.

D. Prevention of Smoking (Active and Passive)

- Smoking causes lung cancer and heart attack.
- Do not smoke. Smoking puts heart at risk, causes cancer and cardio vascular diseases.
- Tobacco smoke consists of nicotine a toxin which increases the heart rate and rises blood pressure.
- Passive smoking refers to being exposed to someone else's cigarettes (Environmental tobacco smoke). In USA upto 62,000 people die each year from heart disease caused by passive smoking. Risk is proportional to the number of cigarettes smoked.

E. Avoid psychological stress

- Psychological stress can double heart attack risk.
- Resisting harmful coping mechanism and bad habits induced by stress helps maximise our individual heart health.
- Practice relaxation techniques and yoga.

**HAVE A HEALTHY HEART  
HEALTHY HEART, HEALTHY YOU  
LOVE YOUR HEART**

Dr. Hepsi Rachel Chellarani  
PRINCIPAL, PCNR

## Alumni Testimonials

### PAAVAI COLLEGE OF NURSING AND RESEARCH



**Ms. J. Jenitha**

Nursing, 2017 - 2021

Clinical Instructor

Paavai College of Nursing and Research

Namakkal

I am happy to be a student of Paavai College of Nursing and Research from the batch 2017 – 2021. I had good clinical experience in government and private hospitals. We were trained in our well-equipped laboratories before our clinical postings. The college provides excellent coaching and hands-on training. I have developed skills in delivering nursing care to my patients. I would like to extend my sincere thanks to the Principal and all the faculty members for giving constant encouragement, support and motivation. I would like to thank my institution for giving strength and ability to rise from tough situation.

## PAAVAI ENGINEERING COLLEGE



**S.Sutharpriyan**  
Mech, 2008-2012  
Deputy Manager  
Reliance Projects Team (Pan India)

I am a passed out student from 2012 batch graduated as a mechanical and I had a strict college days which might have felt bitter. But coming out of college and placing at a company/industry for work, i felt better as i had so much disciplined practices in college to be followed. I got job in the next month of my final exams and gaining good experiences till now. And currently serving as a Deputy Manager in a MNC. I would thank the college and staff for helping with a sophisticated life style at present.

## PAVAI ARTS AND SCIENCE COLLEGE FOR WOMEN



**D.Thamizhilakkiya**  
M.A. English (2018-20 batch)  
Public Speaking Trainer  
Bangalore

I am an alumna of Pavai Arts and Science College for Women, in Department of English. Currently, I am working as a Language Expert, as well as Child Counsellor (UK and India accredited). And also I have published two works in Writers of India and Youths of India Anthologies, which talks about mental health awareness and following desires. It's really been a great experience as a Paavaian. There, I have learned the basics of life, how to balance work and studies at the same time. I started to achieve my dream by the appreciation, support and guidance provided by our Chairman sir, Correspondent mam, HoD mam and all my tutors throughout the program. Apart from classes and lectures there were also multiple workshops, seminars, Women Empowerment Series which shaped me as the person I am right now. At this juncture, I would like to show my gratitude to each and every one who helped me to follow my passion.

## PAAVAI COLLEGE OF PHARMACY AND RESEARCH



**A.Brindha**  
D.Pharm, 2016-2018  
Pharmacist  
Government Mohan Kumaramangalam College  
Salem

I am proud that I belong to Paavai family. I have completed my D.Pharm during 2016-2018 which was the first batch of Diploma in Pharmacy. Recently, I have been posted as Pharmacist in Government Mohan Kumaramangalam Medical College in Salem through direct recruitment based on merit list. I got 79.82 percentage and 5<sup>th</sup> place among the fellowships all over Tamil Nadu. I received the appointment order on 30.07.22. I thank the college for nurturing me. I am grateful to our Management, Principal and faculty members for this achievement.



## English Corner

### IDIOMS AND PHRASES

**The best of both worlds** - enjoy two different opportunities at the same time

e.g. By working from home and looking after her kids, she managed to get the best of both worlds.

**Speak of the devil** - the person you are just talking about actually appears at that moment

e.g. Hi Radha, speak of the devil, I was just telling Raghu about your new car.

**When pigs fly** - something that will never happen

e.g. John has been promising to paint the house for five years. May be when pigs fly.

**Cost an arm and a leg** - very expensive

e.g. Fuel these days costs an arm and a leg.

**Let the cat out of the bag** - accidentally reveal a secret

e.g. She let the cat out of the bag about their wedding plans.

**To feel under the weather** - to not feel well

e.g. I'm really feeling under the weather today; I have a sore throat and runny nose.

**Hit the books** - going to study

e.g. I won't be able to come for dinner as I have to hit the books for my end semester examinations.

**To kill two birds with one stone** - to solve two problems at once

e.g. Yeah, cycling to college kills two birds with one stone. It saves money travelling and helps to lose weight.

**To add insult to injury** - act in a way that makes a bad situation worse

e.g. We missed our flight to Paris because the connecting flight was late and to add insult to injury they made us pay for a new ticket as if it was our fault.

**You can't judge a book by its cover** - not to judge someone or something based solely on appearance

e.g. The hotel looked attractive from outside, but the rooms were damp and not well maintained. You can't judge a book by its cover.

**To hit the nail on the head** - to describe exactly what is causing a situation or problem

e.g. He hit the nail on the head when he said this company needs more HR support.

**At the 11<sup>th</sup> hour** - at the last moment

e.g. Hashini submitted her project report at the 11<sup>th</sup> hour.

**Twist someone's arm** - to convince someone

e.g. I was not planning to come to the party but Raju twisted my arm.

**Chase rainbows** - to waste your time trying to get something that you never have

e.g. I know you want to become an actor but I think you should stop chasing rainbows and get an office job.

## Art by Students



S.NITHISHKUMAR  
II ECE - B

## Tongue Twister

Betty bought a bit of butter,  
But the butter was so bitter,  
So she bought some better butter,  
To make the bitter butter better.





M JEEVA  
III AGRI - A

## Paavai in Press

