

# PAAVAI ENGINEERING COLLEGE

## (AUTONOMOUS)

### CHAIRMAN'S MESSAGE

Dear parents and students!  
Warm greetings from your Chairman!

I would like to start with a brief overview of the performance of Paavai Engineering College and extremely thrilled to share my remarks as regard the footsteps that has left in this academic year 2018-19 through this Newsletter.

I believe that this version of the newsletter at your hands will serve as a window through which the complete profile of the academic co-curricular and extra-curricular activities, achievements and progress made during the stipulated period 2018-19 can be viewed.



I am really proud to say that all these events and programmes have been systematically conducted in such a way that it bears fruitful evidence to our strong commitment of offering quality education to all our students and thereby enabling them to emerge as skilled professionals in their branch of study.

It gives me immense pleasure and sense of pride in stating that our main objective is to prepare the young to educate throughout the life. Paavai is strongly determined to put the priority to creating state-of-the-art quality engineers for the well-being of the society. Looking ahead to the future aspect, one of the most exciting trends to emerge in 2019 has been the increased interest in new technologies. To step up for this target, Paavai students are offered multi-faceted opportunities of participating in intra-continental Summit which gives an extensive exchange of knowledge sharing. A two-day International Convention, 'Indo-Taiwan Summit - Supporting Innovation and Research through Collaboration' was another milestone for worldwide collaboration that outlined the future scopes of student-exchange programme through Indo-Taiwan relations. I am confident that the learner-centric activities on the campus of Paavai are aimed at building a broad spectrum of competencies and skills so as to synergize and synthesize new thoughts and ideas enabling each student to serve the society and the nation in the most desirable way. Paavai Engineering College, received the prestigious award, "Most Innovative College Award-South Zone" from Intenshala, official partner with AICTE. 1700 offer letters have been issued in this academic year.

Looking at our internal opportunities, I am blissful to acknowledge and welcome Astra, a campus connect programme for students of different mettle to unleash their creativity, histrionics, aesthetics, fine arts, debating skills, team dynamics, leadership and so on. Not only in academics, Paavai also leaves its glorious impression on sports and games. A five successive year Champion title is enough to testify that Paavai aims to nourish all rounded personalities. It is a matter of pride that Paavai has become **Champion of Champions** in the Anna University Board Athletic Meet, achieving **First Rank** for the consecutive five years.

I believe that Paavai would reach the pinnacle of excellence with the faith and acquaintance from the parents and the technocrats. The essential part is to create an ambience for nurturing innovation, creativity and excellence in our students. We aim to prepare the young engineers to confidently and competently face the challenges of intensifying competition by imparting high quality technical education. In Paavai, students are chiseled to face the external world with multifaceted skills.

I would also like to take this opportunity to extend my thanks to our academicians and the team of people. I also congratulate all those who, by their earnest and sincere efforts, are behind the success of Paavai.

## EVENTS 2018-2019



An orientation programme for the newly recruited faculty was held from 28.05.2018 to 1.06.2018 at the Smart Hall. As many as 60 members of the faculty, appointed for Paavai Institutions attended the programme. Shri.CA.N.V.Natarajan, Chairman, Paavai Institutions in his presidential address of the induction insisted on the significance of teaching profession and the role of teachers. He emphasized on the commitment of teachers towards grooming students as good citizens of the society. The members of the Faculty Development department underscored the pedagogic principles and the effective use of teaching aids.



A seminar on 'Computational Fluid Dynamics' was organized by the Mechanical Engineering department on 12.06.2018. Prof. Sekahar Majumdar, department of Mechanical Engineering NMIT, Bangalore elaborated on computational fluid dynamics. The participants asked questions and got their doubts cleared.



A CSIR-sponsored seminar on 'Recent Trends in Artificial Intelligence Controllers in Engineering and Utilization' was organized by the department of Electrical and Electronics Engineering on 14.06.2018. Dr.B.Anand, Professor & Head, department of EIE, Hindustan College of Engineering and Technology, Coimbatore and Dr.S.Balamurugan, Professor department of EEE, Amrita University Coimbatore elaborated on Artificial Intelligence.



The 4<sup>th</sup> International Yoga Day was celebrated on 21.06. 2018, under the auspices of the National Service Scheme and the Youth Red Cross. As many as 1100 students willingly participated in the event. Mr.A.C.Murugesan, DRUCC – (Divisional Railway Users Consultative Committee) Salem Railway was the chief guest of the function. Shri.CA.N.V.Natarajan, Chairman, presided over the function. All the students performed the fundamental asanas in yoga. At the end of the programme, an oath was taken by the participants to practice yoga regularly at least for 30 minutes every day.

A guest lecture on 'Fundamentals of Visual Effects' was organised by the department of Computer Science Engineering and Information Technology on 22.06.2018. Mr. M. Rajarajeswaran, Technical Head, Image Creative Education, Chennai explained the fundamentals of visual effects and their effects in the engineering field.



A guest lecture on 'Careers after Engineering' was organised by the department of Mechatronics Engineering, on 23.06.2018. Mr. S. Joe Sujin, (Alumni) Graphic Designer, Xtracut Digital Marketing, Chennai guided the students on better career aspects after engineering and motivated the students to learn the concepts practically and develop their skills in all fields.



A guest lecture on 'Campus to Corporate' was organised by the department of Mechanical Engineering on 25.06.2018. Our alumni, Mr. M. Gowri Sankar, Assistant Manager, Design and Development Department, TVS Sundaram Eastness Limited, Hosur explained in detail how students could elevate themselves from campus to corporate.



A guest lecture on 'This is Your Time to Conquer' was organised by the department of Civil Engineering on 28.06.2018. Our Alumni Mr. M. Vigneshwaran, the world record holder, Icon of South India, motivational and inspirational speaker, life and career coach motivated the students how they should carry out their responsibilities and develop their skills in all aspects to conquer the world. He is our alumni.



A guest lecture on 'Discover the Difference in Networking and Data Communication' was organised by the department of ECE on 30.06.2018. Mr. Santha kumar, Application Security Engineer, Cognizant Technical Solutions (I) pvt ltd, Cochin Navedasampus explained the difference in networking and data communication.





A two day workshop on 'Current Trends and Techniques Using Total Station and Auto Level' was organised by the department of Civil Engineering on 11.07.2018. and 12.07.2018. Er.M.Balamurugan, Managing Director, Surveyor, TOSET Land Survey Institute, Salem explained the current trends and techniques using total station and auto level to the Civil Engineering students.



A guest lecture was organised by the department of CSE & IT on the topic 'Recent Trends in IT' on 12.07.2018. Mr.A.P.Sriram, Central Manager, Mazenet Solution, Coimbatore elaborated on the recent trends in IT and motivated the students to learn a few more value added courses.



The department of Electronics and Communication Engineering inaugurated the Electronics Club and released the magazine Technogist on 19.07.2018 at the Prestige Hall. Dr.K.K.Ramasamy, Director Administration, presided over the function. He pointed out the importance of utilizing such technical clubs efficiently for implementing their innovative ideas. Dr.M.Prem Kumar, Principal, felicitated the gathering.



A guest lecture was organised by the department of ECE on the topic 'Industrial Expectation Vs Student Expectation' on 21.07.2018. Mr.Thamari Selva & R.Prakasam, Technical Specialists, Tech Mahindra Ltd, Qatar were the resource scholars. Mr. Thamarai Selva in his lecture pointed that students should meet the industrial expectation and develop their skills accordingly during their course at college.



The CII-Youth Indians Salem Chapter and Entrepreneur Development Cell, Paavai Institutions, jointly organized a one day workshop on "I AM 2020 Summit" on 21.07.2018. Mr.D.Ramesh Kumar, Chair Person of Yi presided over the function. The guest speakers were Mr.Vijay Kapoor, Managing Director, Derby Jeans Community, Dr.Ebenezer Chellasamy, Scientist, Indian Institute of Astrophysics, Mr.Antony Lenat Raja, Senior Solution Architech, L&T Technology Services and Prof.Sangeetha S Abishek, Founder, Sodme Digital. The main objective of the workshop was to promote the concept of nation building and to enhance entrepreneurship skills among the youth of the nation.

The English department has been conducting the Business English Certification (BEC) course offered by the Cambridge University, London, continuously for the past 10 years. So far, nearly 2000 candidates, both students and teachers, have undergone and cleared the first and second levels (Preliminary & Vantage) of the BEC course. As a recognition for the commitment and dedication of the English department to train the students towards the successful performance, the Cambridge University Press awarded a Certificate of Appreciation on 04.08.2018.



A guest lecture was organized by the department of ECE on the topic 'Augment Reality and Virtual Reality' on 06.08.18. Shri. Padhamanabhan Srinivasan, Easy Design Systems, Coimbatore elaborated on the augment reality and virtual reality. The students asked questions and got all their doubts cleared.



A guest lecture was organised by the department of Aeronautical Engineering on the topic 'Industrial Approaches on Flight Mechanics' on 08.08.2018. Mr.Hero Hemaraj, Senior Data Scientist, Data Science Team, General Electric Aviation, Bangalore delivered a useful lecture on industrial approaches on flight mechanics.



The National Service Scheme, Paavai Educational Institutions and SIMS Chellum Hospital, Salem jointly organized a one day workshop on First Aid (For Everyone, Everywhere) on 10.08.2018. Dr.K.Mohana Sundaram MS (Ortho), Mch (Ortho), Managing Director, SIMS Chellum Hospital, Salem and Dr. D. Lavanya., FRCA., London (DA), Consultant Intensivist and Anaesthetist, SIMS Chellum Hospital, Salem were the guest speakers of the workshop. Dr.K.Mohana Sundaram focused on the topics like ABC: Airway, Breathing, Circulation, CPR: Cardio Pulmonary Resuscitation, Chocking: Facts, Causes and Symptoms.



A one day guest lecture was conducted on the topic 'Opportunities and Challenges for Chemical Engineers' on 14.08.2018. The resource person of the program was Dr V. Siva Kumar, Associate Professor, Department of Chemical Engineering, Anna University, Chennai. His vast experience in academics and research has made the students to understand the future challenges in chemical industries and how they had to prepare themselves for those opportunities.





The 72<sup>nd</sup> Independence Day was celebrated at the Kalpana Chawla Open Theatre on 15.08.2018 in a grand manner. Hoisting the national flag Shri.CA.N.V.Natarajan Chairman delivered his keynote address in which he highlighted that the responsibility to preserve our rich heritage and tradition fell on the shoulders of the students. Every Indian citizen has to respect and follow the democratic principles, rules and regulations with strong belief in truth, honesty, determination, responsibility and duty.



A three day workshop was organized by the department of Computer Science and Engineering on the topic 'Realization of Internet of Things for Smart Applications' on 16.08.2018 to 18.08.2018. Mr.S.Naveen, Senior Project Manager, Pantech Pro Ed. Pvt Ltd., Chennai conducted the workshop.



Paavai Educational Institutions and Government Hospital, Namakkal jointly organized a blood donation camp on 18.08.2018 on the college premises. Dr.A.Anbumalar, Blood Bank Medical Officer, Namakkal, addressed the students to be aware of blood donation and insisted that all the students above 18 years of age can donate blood regularly. Dr.S.Sudha, Medical officer, Primary Health Centre, Pudhuchattram, Mr.C.Rathnakumar, NSS Programme Officer, were present. As many as 130 students voluntarily donated blood..



A guest lecture was organised by the department of Electrical and Electronics Engineering on the topic 'Roles and Responsibilities of Electrical Engineers in Power Sector' on 18.08.2018. Dr.G.Ramakrishnan, General Manager, Neyveli Lignite Corporation was the guest speaker.



The Internship Day was jointly organized by the AICTE and Internshala on 25.08.2018 at the AICTE Office, New Delhi and the awards were given to the Institutions which performed well in this regard. On behalf of the Paavai Engineering College, Dr. K.K.Ramasamy, Director Administration received the prestigious award, "Most Innovative College Award-South Zone".

A guest lecture was organised by the department of Computer Science Engineering & Information Technology on the topic 'Competencies for Campus Hiring' on 28.08.18. Mr. Ranagarajanragavachari, Head HR & Admin, TAQA Power Pvt Ltd, Neyveli was the resource scholar and he gave useful suggestions to the students towards gaining employability skills.



A workshop was organised by the department of Civil Engineering on the topic 'The Skill Sets Needed by the Latest Construction Industries' on 30-08-2018. Mr. Arun Prakash B.E, M.B.A, Chief Survey Engineer, The Salem Land Survey Institute, Salem Survey Consultancy Pvt Ltd conducted the workshop.



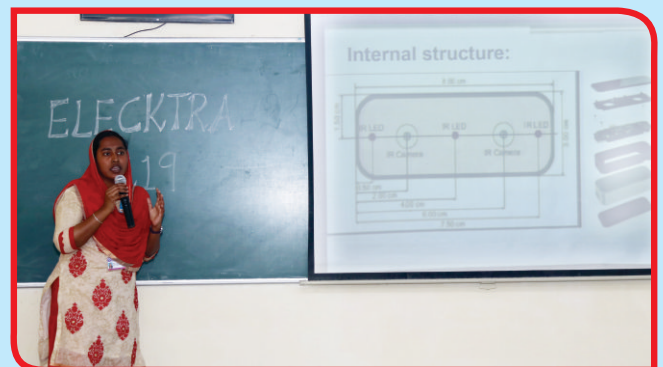
A guest lecture was organised by the department of Mechatronics Engineering on the topic 'Solar Energy Conversion Systems' on 31.08.2018. Dr.S.Manikandan, Research Assistant Professor, department of Mechanical Engineering, SRM Institute of Science and Technology, Kattankulathur, Kanchipuram, delivered a guest lecture which concentrated on the contribution of solar energy to mitigate the energy crisis.



The 'Electro'18' - a paper presentation and technical quiz competition was organized by the department of Electronics and Communication Engineering on 31.08.2018. Dr.M.Prem Kumar, Principal presided over the programme. The students were awarded the certificates.



The department of Electronics and Communication Engineering organized an event titled as 'ELECTRA'2018' on 31.08.2018 at Kalam Chamber. Dr.M.Premkumar, Principal, presided over the function. In his presidential address, he insisted that the students should improve their technical knowledge and communication skills to reach great heights in life.





The Paavai Engineering College celebrated the inauguration of the first year classes on 05.09.2018. In the inaugural address, the Chairman highlighted the role of goal setting for the freshers. The Padha pooja, a unique traditional event in Paavai, was observed after the inaugural ceremony. The students washed the feet of their parents and decorated them with sandal and flowers and the parents showered their blessings upon their wards.



The Faculty Development department organized a batch-wise six day orientation programme for the first year engineering students. The orientation programme was held from 07.09.2018 to 24.09.2018 at the Prestige Hall, Kalam Chamber, Pragathi Hall and Tata Hall. Shri.CA.N.V.Natarajan, the Chairman in his presidential address in the inauguration, stated that the difference between the ordinary and the extraordinary lied in the practice and training that one undertook vigorously.



The departments of Master of Computer Applications and Master of Business Administration jointly organized a guest lecture on 'Empowering Youth-Emerging Management Challenges' on 08.09.2018. Thiru. Tamilnadhi Aathavan, Actor and Orator, Film and TV Media, Chennai, was the guest speaker of the function. The function was presided over by Dr. K.K.Ramasamy, Director-Administration, Paavai Educational Institutions. Dr.K.K.Ramasamy, in his presidential address, told the importance of gathering new ideas and lateral thinking to create innovations.



The 51<sup>st</sup> Engineers' Day celebration was organized by the department of Information Technology on 15.09.2018. Paper Presentation & Debate were conducted on the theme 'Digital Transformation – A New Industrial Revolution'. The discussion was very useful to the students.



The Teacher's Day was celebrated in Paavai Institutions on 10.09.2018 in the name of "Guru Vanakkam". The Chairman of Paavai Institutions Shri. CA.N.V.Natarajan presided over the function. The guest speaker was Mr.K.Devaraj, Professor, department of Commerce, Kanthasamy Kandar College, Vellur. The programme began with prayer songs by the students. Smt.Mangai Natarajan, Correspondent of Paavai Institutions with other dignitaries lighted the Kuthuvilakku. Dr.C.Satish, Senior Principal, Paavai Vidhyashram schools, in his keynote address, pointed out how a teacher could mould a normal student into a dynamic personality.



The department of EEE, inaugurated the Energy Club on 15.09.2018. Dr.M.Premkumar, Principal, Dr.B.Muralibabu, Controller of Examination, presided over the function and insisted that the students should utilize this Energy Club effectively on the various advancements in the field of renewable energy in electrical engineering. Dr.K.K.Ramasamy, Director Admin, Paavai Institutions, was the guest speaker of the function and motivated the students to do innovative projects based on renewable energy.



The Paavai Engineering College, Rotaract Club and Youth Red Cross jointly organized a motivational speech and prize distribution for Clean India Activity Competitions for the school students of the Panchayat Union Middle School, Kannurpatti on 15.09.2018. The Rotaract volunteers of Paavai Engineering College gave an awareness speech on road safety, pollution, health and hygiene to the school students. The competitions on essay writing in Tamil and drawing were also conducted.



The inaugural function of Paavai Velaan Mandram was conducted on 22.09. 2018 at JRD TATA hall by the department of Agriculture Engineering. MR. Alangudi Perumal, MR. Sree Ram and Mr.Ashokan presided over the function by sharing their experience on farming. Farmers from various places and students from Agriculture Engineering department participated in the function. The function was inaugurated by Sri .CA N.V.Natarajan, Chairman of Paavai Institutions and Smt. Mangai Natarajan, Correspondent of paavai Institution Dr.C.Mayilsami gave a lecture on the introduction of green revolution in India and introduced secretaries and office bearers of the club. Mr. Alangudi Perumal shared his profound professional experience in paddy transplantations.



The department of Information Technology organized a two day National level Workshop & Hands on training on 'G Suite for Education' in association with the Indian Society for Technical Education (ISTE) on 24.9.2018 & 25.9.2018 in the cute hall. Mr.Ragesh Raju, Assistant Professor & Google certified educator- Level 2, Department of Computer Applications, St. Joseph Engineering College, Mangalore, was the guest speaker and he gave the keynote address in which he told that the teachers should focus on the online classrooms. He gave a brief introduction about the MOOCs which are related to pedagogy, virtual labs, Gamification in education and the discuss forum.



A motivation programme on the topic 'Beyond the Sky' for the third year engineering students of Paavai Institutions was held on 25.09.2018 at Ananda Arangam. The programme was inaugurated by Shri CA.N.V. Natarajan, the Chairman of Paavai Institutions. Mrs. Mangai Natarajan, the Correspondent, Deans and Principals graced the occasion. The Chairman commenced the session by showing the video titled as Engineering is Logic. The Chairman uttered some success slogans such as "I can, I will, I must" for the students, which energized them. He highlighted the importance of goal setting and motivated the students to get university ranks for which he listed out the steps.





The department of Information Technology organized a one day National Level Workshop on 'Entrepreneurship' in association with E-cell IIT Bombay on 26.9.2018 in the Cute Hall. Dr.K.K.Ramasamy, Director-Administration, presided over the function. He gave the presidential address and he motivated all the students to start their own business and to become a very successful entrepreneurs. Mr.Balram Nair, Vice President, The Chennai Angels, was the guest speaker. He gave the keynote address in which he explained about entrepreneurship. He also encouraged all the students to start their own business. He gave a few tips and key points to start a business in a particular area and to modernize the business in the current competitive world.



The departments of MCA and MBA jointly organized a guest lecture on 'Develop Modern Web Application Using HTML5 and ASP.Net' on 29.09.2018. Mr. M.Vignesh, Senior Software Developer, Capgemini Technology Services India Limited, Chennai was the guest speaker of the function. The guest speaker, Mr.M.Vignesh, in his key note address, gave detailed information about Client Side Scripting, Server Side Scripting, HTML5, CSS-3 (Cascading Style Sheet), Java Script, Type Script, Angular, ASP.Net, Node. js, React and Vue.js.



An orientation program for the second year engineering students was held on 12.09.2018. In the inaugural address, the Chairman highlighted the role of goal setting for the Students.



A two day national level technical symposium 'Techfinix'18–2.0' was organized by the departments on 28.09.2018 and 29.09.2018. Shri.CA.N.V.Natarajan, Chairman of Paavai Institutions, presided over the inaugural function. Dr.M.Chandrasekar, Vice President, NAFEMS India & Professor, IIT Mumbai, was the chief guest of the day. Dr.G.Ilavazhagan, Director Research, Hindustan Institute of Technology and Science, Chennai was the guest speaker of honor. Smt. Mangai Natarajan, Correspondent, Paavai Institutions, along with the dignitaries lighted the "Kuthu Vilaku". Dr.M.Chandrasekar, in his keynote address, stated that the students should be able to convert the societal related issues into technology related solutions. He mentioned about the recent technological platforms including mobile applications like uber, ola where the customers feel transportation easier. Dr.G.Ilavazhagan, motivated the students to create jobs rather than seeking jobs. Students from various colleges all over Tamilnadu participated in 40+ events. Dr. Ashwin Nithish, Founder, Breathe Foundation was the chief guest of the valedictory program.



The departments of MCA and MBA jointly organized a guest lecture on 'Accelerate Your Career with Evolving Digital Marketing Strategies' on 1.10.2018. Mr.K.Aravindan, Head of Digital Marketing, Quess Corp, Bangalore, was the chief guest for the function. Dr.K.K.Ramasamy, in his presidential address, insisted on the importance of digital technology to empower every student with access to digital services, knowledge and information. The guest speaker, Mr.K.Aravindan, in his key note address gave detailed information about Digital Marketing, Different types of ads, Content Marketing, social media marketing, email marketing, digital channels such as search engines, websites, social media, email and mobile apps, data analytics using SQL, Hadoop, Python and Search Engine Optimization using templates.

The Paavai Educational Institutions' National Service Scheme and the Government Hospital, Rasipuram jointly organized a blood donation camp on 09.11.18 on the college premises. Dr.B.Sridevi, Blood Bank Officer, Government Hospital, Rasipuram, addressed the students to be aware of blood donation and explained its benefits. In this camp, Dr.Devi, Principal, Paavai College Engineering, Dr.T.Esther Rajathi, ICTC Counsellor, Primary Health Centre, Belukuruchi, Mr.Rufes, HDFC Bank Manager, Namakkal, Health Inspectors, Mr.C.Rathnakumar, NSS Programme Officer, were present and encouraged the students to donate blood. The students of Paavai Institutions eagerly participated in this camp and donated blood. As many 63 students donated blood.



A one-day guest lecture on the title 'Leading Innovation Technology in Civil Industry' was organized by the department of Civil Engineering on 08.03.2018. Er. S.Raj Kumar, CEO & Chairman, the Salem Land Survey Institute, Salem was the guest speaker. He delivered his lecture about the construction technologies used in abroad.



The Alumni Meet for 2013 & 2014 passed out MBA students was organized by the Department of Management Studies on 17.11.2018 in the Cute Hall. Smt.N.Mangai Natarajan, Correspondent, presided over the function. While delivering the Presidential address, she emphasized the importance of work culture, individual and work discipline, family bonding, caring for aging parents in today's busy social life and the importance of becoming an entrepreneur. Dr.K.Selvi, Dean Academics, delivered the felicitation address. She explained the significance of alumni reunion of the growth of institution and the individuals.



The inauguration of Faculty Revalidation Programme(FRP) for the academic year 2018-19 for the faculty members was held in the Smart Hall at 02.00 p.m. on 19.11.2018. The programme started with the prayer song followed by an epigraph, 'Ask yourself, if what you are doing today, is getting closer to where you want to be tomorrow' emphasizing the significance of the introduction of Faculty Revalidation Programme. Smt.Mangai Natarajan, Correspondent, Paavai Institutions, inaugurated the event and delivered the inaugural address. In her inaugural address, she highlighted Paavai philosophy and principles with the slogan, 'Healthy Paavai, Wealthy Paavai and Powerful Paavai'. Dr.K.KRamasamy, Director Administration, felicitated the gathering. He told the objectives, importance and ideology of Faculty Revalidation Programme.



A CSIR sponsored seminar on 'Challenges in Charging of Electrical Vehicle for Green Environment' was conducted by Dr. E. Chandira Sekaran, Professor, Electrical and Electronics Engineering, Coimbatore Institute of Technology on 22.12.2018. Dr. R. Arangasamy delivered the welcome address. The special address was delivered by Dr. M. Premkumar, Principal. He emphasized that the technological innovation should be focused towards the healthier human living.





A two day workshop was organized by the department of Management Studies, on 26.12.2018 & 27.12.2018 under the titles 'Achieving Success through Empowerment' for MBA and MCA Scholars. 'Student to Adult Learner: a Transformation' for Engineering Student's. Dr.M.Prem kumar, Principal presided over the function. In his Presidential address, he motivated the students to surrender themselves to the work they have been committed. The session was handled by, Prof Dr.K.S.Gupta, Director, KSG Center for Quality Minds, Bangalore. On the first day of the workshop, Dr.Gupta discussed the significance of empowerment and discussed the success stories of different personalities.



The department of MCA organized a one day seminar on 'Software Development Trends' on 29.12.2018. Mr.Venkatesh Rajagopal, Professional 2-Service Software Delivery Coordinator, DXC Technology, Hyderabad, was the guest speaker of the function. The function was presided over by Dr. M.Premkumar, Principal. Dr.M.Premkumar, in his presidential address, insisted that students should update their knowledge every day by learning new things around the world. He emphasized that the students should play the given role effectively at the time of studying and preparing themselves for employability. The chief guest, Mr.Venkatesh Rajagopal, in his keynote address, instructed the students to gain the basics of every subject so as to get 100% employability. He briefed about Software Development Process, Project Team Hierarchy and their roles in Software Development.



The departments of Information Technology and Computer Science and Engineering organized a one day workshop on 'Entrepreneur and Business Startup' in association with Josh Talks and Facebook on 19.01.2019 in Kalam's Chamber. Dr.K.K.Ramasamy, Director-Administration, presided over the function. In his presidential address, he motivated the students to start their own businesses. Mr.Amith Kumar, Co-Founder, Servercake, India and Mrs.Agrima Rathore, Campaign Manager, Josh Talks were the guest speaker. In the session, Mr.Amith Kumar gave a brief introduction about the salient features of entrepreneurship and the basic qualities required for this task.



The department of MCA organized a one day workshop on 'IoT Applications Design: Issues and Challenges' on 24.01.2019. Dr.L.Arockiam, Dean & Professor, Department of Computer Science, St. Joseph's College (Autonomous), Trichy and Dr. S.S. Manikandasaran, Dean and Assistant Professor, Department of MCA, Christu Raj Institute of Computer Applications, Trichy were the resource persons of the workshop. Dr.K.K.Ramasamy, in his presidential address, insisted on the importance of keeping oneself abreast of the latest developments in one's field thereby improving lateral thinking to create innovations. The guest speaker, Dr.L.Arockiam, instructed on enriching one's knowledge in the Internet of Things (IoT) technology and get exposed to successful career opportunities around the world.



A guest lecture on 'Development of Composites and Nano-Composite Materials Utilizing Particles and Fibers' was organized on 24.01.2019 at the Cute Hall by the department of Mechatronics Engineering. R. Rajasekar, Professor, Department of Mechanical Engineering, Kongu Engineering College, Erode, was the Guest. The guest speaker, Dr. R. Rajasekar introduced the composites and its various applications in the field such as automobile, medical, agricultural, automotive, building construction, railway, etc. He listed down many new technologies including electric discharge machining, laser machining, electrochemical machining and focused ion beam milling for composites fabrications.

The National Service Scheme in association with Government Hospitals, Salem and Namakkal organized a blood donation camp on 24.01.19 on the college premises. Dr.M.Raveendran, Blood Bank Officer, Government Hospital, Salem and Dr.Anbumalar, Blood Bank Officer, Government Hospital, Namakkal motivated the students to donate blood and explained its benefits. Around 250 students donated blood.



The department of MCA organized a one day workshop on 'Recent Trends in Computer Technology' on 25.01.2019. The opening session, "PHP with MySQL" was handled by Mr.Senthilvelan, Professor, and Department of MCA. He briefed about PHP Introduction, Environment Setup, Syntax, Variable Types, Constants, Operator Types, Decision Making, Loop Types, Arrays, Web Concepts and PHP-MySQL Database Connectivity with examples. Session 2 dealt with Big Data Analytics & Hadoop by Mrs.V.Annapoorani, Assistant Professor. She focused on the area such as Big Data, Big Data Technology, Data Explosion, Data Measurements, Data Warehouse, Issues on Legacy Systems, Hadoop, with examples.



A One day Guest Lecture on the title "Approval Plan and Blue Print Reading Technics" was organized by Department of Civil Engineering on 25.01.2019 at Kalam's Chamber. The guest speaker was Er. Nagendran Venkatesan Structural Engineer, Vasthu Consultant, CEO of Civil Engineering Academy, Salem. Dr.M.Premkumar, Principal gave his presidential address about the field of civil engineering and the essentiality of quality and innovations. Er. Nagendran Venkatesan spoke elaborately about the approval plan, methods, the skills, and latest planning techniques. The discussion was about the importance of National Building Codes and updated 3D plans.



A guest lecture was conducted on behalf of the departments of Computer Science Engineering and Information Technology titled 'Python Programming for Problem Solving' on 25.01.2019. The guest speaker was Mr.V.Kumar, Technical trainer, C-Cube Technologies, Coimbatore, in his keynote address, mentioned about the importance of python at the multinational giant corporates like Google, Facebook, etc., which recruit engineers who have knowledge in machine learning, data analytics, and artificial intelligence. Gender prediction and face recognition using python was demonstrated during the session. He also said about the platform called freelancer (web design, mobile app development, virtual assistance, product manufacturing and graphics design) from which one can earn a lot of money sitting at home.



The Republic Day celebrations was conducted on 26.01.2019 at the Kalpana Chawla open stadium. Shri.CA.N.V.Natarajan, Chairman, Paavai Institutions hoisted the National flag and delivered the Republic Day Address. He highlighted that every citizen should strive hard to carry out his responsibility to promote our country to a dignified status. Prizes were distributed to the winners of various competitions. Smt. Mangai Natarajan, Correspondent, Dr.K.K.Ramasamy, Director-Administration, Principals, Deans, Heads of departments and students of Paavai Institutions were present.





The 20<sup>th</sup> Paavai Youth Festival for National Integration was celebrated on 01.02.2019. The higher secondary and high school students of Rasipuram, Namakkal and Salem took part in the celebrations. The competitions such as oratory, essay writing, poem writing, quiz, drawing, rangoli, dance and singing were conducted for the students. The Chairman, Paavai Institutions Sri. CA.N.V.Natarajan presided over the function and delivered the presidential address. Smt.P.Usha, Chief Educational officer, Namakkal & D.Ganesh moorthi, Chief Educational officer, Salem, were the guest speakers in this program.



The department of MCA conducted 'Alumni Reunion-2019' on 02.02.2019. The meet was attended by 25 alumni ranging across various batches, right from the first batch to the most recent batch. The function started on a divine note with a prayer song. The welcome address was given by Dr.P.Muthusamy, Head of department, Master of Computer Applications. The function was presided over by Dr. K. K. Ramasamy, Director-Administration, Paavai Educational Institutions. He expressed his happiness to see the alumni in renowned positions. He insisted on the filial duties of the alumni towards their ageing parents and maintaining the balance in their both professional and personal lives.



Paavai Institutions proudly presented ASTRA'19 on 7.2.19 and 8.2.19 - a cultural extravaganza which is an intra-collegiate fest aimed to provide a platform for the youths to exhibit their talents. Shri.N.V.Natarajan, Smt. Mangai Natarajan, Correspondent, along with other dignitaries lighted the kuthuvilaku. Ms. Avanthi Natarajan, Student Affairs welcomed the gathering. Shri.N.V.Natarajan, Chariman, unveiled the screen of ASTRA'19 and gave his keynote address. Astra'19 had 40+ events under the categories of Dance, Music, Dramatics, Art Attack, Design, Fashion, Media, Quiz, Lets's Talk, Tamil, Misc, Sports/Outdoor games and so on and the events had been conducted in all the venues of Paavai Institutions.



The department of Computer Science and Engineering and Software Development and Information Management Club (SDIMC) organized a 3 day workshop on, 'Chip Based Hardware Assembling and Troubleshooting' from 11.2.2019 to 13.2.2019. The workshop was inaugurated by Mr.J.Pradeep, Proprietor, Mario Infotech Solutions, Coimbatore. Dr.K.Selvi, Dean Academics, presided over the function. The first session was handled by Mr.J.Pradeep Proprietor, Mario Info Tech solutions, discussed the components present inside the PC with its functionalities followed by a hands-on session. Mr.Dyan, Managing Director, Mario Info Tech Solutions presented his views on networking and Radio Frequency.



The department of English organized a seminar on 'Fulbright Fellowships for Research Scholars (USIEF) for Indian Citizens' on 15.02.19. The seminar was conducted by Ms. Lalitha Nagesvari, Program Manager, and Fulbright Fellowships for Research Scholars. The seminar aimed at giving a full length scope of pursuing fellowship researches under the Indo-US educational exchange program. Dr.K.K.Ramasamy, Director-Administration, presided over the seminar. Dr.M.Devi, Principal, Pavai College of Engineering felicitated the program.

The department of Information Technology organized a guest speaker on 'Current Trends in IT' on 16.02.2019. The guest speaker highlighted saying about the importance of HR like recruitment, compensation management, performance appraisal, learning and development and industrial relation. He insisted that the students should be familiar with the company and the field they work. He explained about various trends in HRM, dynamic changes in education, smart work and ultimate software development.



The department of EEE, conducted a guest speaker on the title, 'Grid Automation System – Overview' on 19.02.2019. Mr.N.Thiruvankadam, Engineering Project Manager, ABB India Limited, PG Grid Automation System, Bangalore, was the guest speaker. In his lecture, he pointed out that the automation system provided to grid and the protecting devices such as Relays, Circuit breakers, Isolators which are used in transmission sectors.



A two-day international convention titled as, 'Indo-Taiwan Summit - Supporting Innovation and Research through Collaboration' was held on 25 and 26.02.2019. The inaugural ceremony was held on 25.02.2019. Thiru. C.A. N. V. Natarajan, Chairman, Paavai Educational Institutions presided over the function. Dr.U.Chandrasekar, the Visiting Professor, at the Rapid Manufacturing Lab, Dept of Mechanical Engineering, IIT, Bombay gave a prelude to the summit. Dr.N.S.Kumar, scientist 'G', Associate Director, DEBEL, DRDO, Ministry of Defense, Bangalore, gave the inaugural address. Professor Ching-Hsiang Cheng, from the department of Aeronautics and Astronautics, National Cheng Kung University, Taiwan gave the special address focusing on the definition of success and the ways to achieve it. Mrs.Avanthi Rajavel, Director, Student Affairs welcomed the gathering and Dr.M.Prem kumar, Principal proposed the vote of thanks.



The valedictory ceremony of Indo- Taiwan Summit was held on 26.02.2019. Shri . N.V. Natarajan, Chairman presided over the function. Mr. Sathya Narayanan, Career Launcher and Founder of CL Educate Limited, New Delhi, was the chief guest of the occasion. Professor Chen from Yuan Ze University in his motivational address emphasized on global mobility and talent cultivation for higher education. Dr.U.Chandrasekhar and Dr.PremKumar outlined the future scope of student-exchange programme through Indo-Taiwan relations. The Chairman along with the special guests awarded the certificates for the best 13 projects in the project expo and issued the admit card.



The department of EEE conducted a guest lecture on the title, 'Power Energy Management in Microgrid' on 06.03.2019. Dr. Abu Zaharin Bin Ahmad, Senior Lecturer, Faculty of Electrical and Electronics Engineering, University of Malaysia Pahang, Malaysia, was the guest speaker. In his lecture, he spoke about the power generation using renewable and conventional energy sources.





The International Women's Day and Women Empowerment Series with a special address on 'Do Your Duty' were conducted on 08.03. 2019. The Chairman presided over the function. The Correspondent felicitated the gathering. The guest speaker Dr.R.Kasthuribai, Dean, Faculty Development department appreciated that the quality of Paavai women are action, comfort, and motivation.



The NSS camp was organized at Kannurpatti from 20.03.2019 to 26.03.2019. The volunteers whitewashed the Anganwadi school compound walls and repainted the Samuthaya Kudam and Government Middle School walls at Kannurpatti. A seminar on 'Let's Adore the Feminine' was given by Dr.K.Selvi, Dean Academics. The students and the public participated in the seminar. Various competitions like Drawing, Essay writing, Musical chair, Dancing and Singing to encourage their talents to the school students were conducted. A free Medical camp was conducted by the Doctors and team members of Pudhuchattram and Vinaiteerthapuram Government Hospitals. A plastic awareness rally and planting saplings were the main activities of the camp. A seminar on 'Cyber Crimes and Preventions' was conducted by Dr.R.Arangasamy, Head, department of Electronics and Communication Engineering.



The Placement Day for 2019 pass-outs was celebrated on 15.04.2019. Shri.CA.N.V.Natarajan, Chairman, Paavai Educational Institutions presided over the function. Mr. B.P.Udaykumar, Chairman, Confederation of Indian Industry (CII), Salem and Managing Partner, BSP Refineries, Salem was the guest speaker and Mr. Shri. Sudhakar Vaidyalingam, Vice Chairman-CII Salem was the guest of honour.



Sports Day was celebrated on 16.04. 2019. Our C.A.N.V.Natarajan, Chairman, Paavai Institutions presided over the function and delivered the presidential address. The Managing Director and Chairman of Sambantham group of spinning mills Mr. S. Devarajan was the Chief Guest of the day. The Chief Guest inspired the gathering by his inspiring speech. He appreciated our sport persons for their outstanding achievements and he mentioned that sports & games play a vital role in developing the physical as well as mental health of the person. He highly appreciated and praised for securing Overall Championship with 780 points in the Anna University Inter Zone Tournament and bagged the Champions of Champions Trophy.



The 14th graduation ceremony for the graduates of Paavai Engineering College was held on 27.04.2019. Shri. CA.N.V. Natarajan, The Chairman, Paavai Educational Institutions, presided over the inaugural function. Dr.P.Kulanthaivel, Vice chancellor, Periyar University, was the chief guest of the day. Smt. Mangai Natarajan, The Correspondent, Paavai Institutions, lighted the kuthuvilakku along with the dignitaries on the dias. The guest speaker, in his keynote address, said that he was happy to see the graduates who had got the opportunity to undergo world class education in high quality infrastructure at the beautiful environment.



## LISTS OF GRANTS / FUND SANCTIONED

S.No	Funding Agency	Name Of The Project	Sanctioned Amount(Rs)	Co-ordinator
1.	Royal Academy of Engineering	Industry – Academia Partnership Programme	Rs.2,10,420	Dr.M. Premkumar PRINCIPAL
2.	MHRD-ISTE	ISTE Main Workshop on Introduction to Analysis of Algorithms	Rs.1,09,000	Mr.B.Venkatesan HOD/IT
3.	Self –organized	Two days Workshop on “Realization of internet of things for smart applications “	Rs.26,000	Dr.S.Sasikala PROF/CSE
4.	PMKVY- AICTE, New Delhi	Tower Technician TV Repair Mechanism	Rs.20,00,000	Dr.R.Arangasmy HOD/ECE
5.	CSIR	Challenges in Charging of Electrical Vehicle for Green Environment	Rs.35000	Dr. T. Loganayagi PROF/ECE
6.	CSIR	Technological Advancement Development for the Safety of Women	Rs.35000	Dr. S. Vijayakumar PROF/ECE
7.	CSIR	Recent trends in Artificial Intelligence controllers in Engineering and its Utilization	Rs.30,000	Dr.G.Balaji HOD /EEE
8.	IIT kharagpur	Power System Analysis	Rs.70,000	Mr.C.Arulkumar ASP/EEE
9.	MHRD-ISTE	ISTE Main Workshop on Introduction to Analysis of Algorithms	Rs.1,09,000	Mr.B.Venkatesan HOD/IT

## BOOK PUBLICATIONS BY OUR FACULTY MEMBERS

S.No	Title	Faculty	Publications
1.	Basic Electrical and Electronics Engineering, ISBN Number : 978-93-86532-30-5	Dr.R.Arangasamy HOD/ECE	Charulatha Publications
2.	Circuit Theory ISBN Number: 978-93-86532-28-2	Dr.R.Arangasamy HOD/ECE	Charulatha Publications
3.	Electronic Devices ISBN Number : 978-93-86532-29-9	Dr.R.Arangasamy HOD/ECE	Charulatha Publications
4.	Electric Circuit Analysis ISBN Number : 978-93-86532-28-3	Dr.R.Arangasamy HOD/ECE	Charulatha Publications
5.	Engineering Chemistry-I & II	M.Mohan Professor & HOD / S&H Dr.G.RAJA Prof/Chem	Jaitech Publications
6.	Environmental sciences	M.Mohan Professor & HOD / S&H Dr.G.RAJA Prof/Chem	Jaitech Publications
7.	Engineering Graphics	S. Prabhakaran ASP/MECH M. Makesh AP/MECH Dr.V.Subburam ASP/MECH	Sri Maruthi Publications

## Awards Received By Faculty Members



- ★ Best Student Chapter Award from ISTE TN State Level Convention

- ★ Best Innovative College Award-South Zone from Internshala & AICTE



- ★ Dr. M. Premkumar, Principal received Award of Excellence in Engineering Analysis and Simulation from NAFEMS.
- ★ Dr. V. Subburam, Associate Professor, Mechanical Department received the Best Researcher Award-2018 from IJRULA.
- ★ Prof. P. Elumalai, Associate Professor, Mechanical Department received the Best Researcher Award-2018 from IJRULA.
- ★ J.Umanambi, HoD Civil received the Best Women Engineer Award from IE(I) Salem Local Centre during Engineers day Celebration.
- ★ Dr. R. Rathi Devi, received Best Researcher Award 2019, during 7<sup>th</sup> Academic Brilliance Award-2019 in Education Expo TV, Noida.
- ★ Mrs. A. Sathiya Priya, Assistant Professor, MBA received International Women Empowerment Award 2018 from International American Council for Research and Development and Best Young Faculty Award 2019 from Graphs Educator Charitable Trust.

## Awards Received By Faculty Members



Dr.R.Arangasamy, HoD/ECE received Research Excellence Award - 2018 from Institute for Exploring Advances in Engineering (IEAE).

M.Sudha, AP/ECE received Best Researcher Award'18 from International Journal for Research Under Literal Access (IJRULA) at Breeze Residency, Trichy on 15.08.18.



Mr.C.Ganesh, AP/ECE received Best Faculty Award from EET CRS, Research wing for Excellence in Professional Education and Industry, Bangalore.

Mr.P.JohnVivek AP/ECE received The Best Faculty Award from EET CRS, Research wing for Excellence in Professional Education and Industry, Bangalore.



## FACULTY EXCELLENCE AWARD

S. NO	NAME	DEPARTMENT	AWARDED
1.	Dr.A.Suphalakshmi	CSE	Silver
2.	Dr.N.Mahendiran	CSE	Bronze
3.	Dr.D.Banumathy	CSE	Silver
4.	P.Renukadevi	CSE	Silver
5.	M.Sivaganesh	CSE	Silver
6.	M.Revathi	CSE	Silver
7.	J.Karthik	CSE	Bronze
8.	P.Santhiya	CSE	Bronze
9.	J.Velumani	CSE	Bronze
10.	R.Santhiya	CSE	Bronze
11.	V.Maheshkumar	CSE	Bronze
12.	R.Vikram	CSE	Bronze
13.	M.Prakash	CSE	Bronze
14.	S.Sivaraman	CSE	Bronze
15.	Dr.S.Aruna	CSE	Bronze
16.	R.Dhivya	CSE	Bronze
17..	Dr.N.Magendiran	CSE	Bronze
18.	V.Vignesh	CSE	Bronze
19.	Dr.P.Muthusamy	MCA	Bronze
20.	Mr.S.Senthivelan	MCA	Silver
21.	Mr.C.Rathnakumar	MCA	Bronze
22.	Mrs.V.Annapoorani	MCA	Bronze

## NSS VOLUNTEER AWARD



NSS Best Volunteer Award received by our NSS Volunteer Mr.K.R.Dolphin Raj, Final year, EEE from Dr.K.K.Surappa, Vice chancellor, Anna University, Chennai.



NSS Best Volunteer Award received by our NSS Volunteer Ms.V.Divya Prabha, Third Year, Agriculture Engineering from Dr.K.K.Surappa, Vice chancellor, Anna University, Chennai.

## TECHNICAL PAPER PUBLICATIONS BY OUR FACULTY MEMBERS

S. No	Title	Faculty	Journal Name	Status National / International
1	Autonomous Tethered Drone	D.Rajkumar AP/AERO	ICRSRET-2019	International Journal
2	Investigation on M-sand Based Geopolymer Concrete with Sisal & Polypropylene Fibre	Mrs.J.Umanambi HOD/CIVIL	International Journal of science & Engineering Research	International Journal
3	Experimental Study on Performance of Gap Graded Concrete Using Partial Replacement of Titanium di-oxide & M-sand	Mrs.J.Umanambi HOD/CIVIL	International Journal of Trend in Scientific Research & Development	International Journal
4	Study on Behaviour of Hybrid Fibre Reinforced Cementitious Composites	Mrs.J.Umanambi HOD/CIVIL	International Journal of Trend in Scientific Research & Development	International Journal
5	Experimental Investigation on Mechanical Properties of Concrete with Sludge Waste & Silica Fume	Mrs.J.Umanambi HOD/CIVIL	International Journal of Science & Engineering Research	International Journal
6	Numerical Modeling of Composite Beams with Self-compacting Concrete	Mr.K.Vivek AP/CIVIL	Pakistan journal of Biotechnology	International Journal
7	Numerical Investigation on Cold Formed Pre Braking Steel Zed Section Under Axial Compression	Mr.K.Vivek AP/CIVIL	International Research journal of Engineering & Technology	International Journal
8	Investigation on M-sand Based Geopolymer Concrete With Sisal & Polypropylene Fibre	Mr.K.Vivek AP/CIVIL	International Journal of science & Engineering Research	International Journal
9	Durability study on self-compacting Concrete With Mineral Admixtures	k.Sharmiladevi AP/CIVIL	International journal of Trend in Scientific Research and Development	International Journal
10	Investigation on M-sand Based Geopolymer Concrete With Sisal & Polypropylene Fibre	Mrs.J.Umanambi HOD/CIVIL	International Journal of science & Engineering Research	International Journal
11	Fleet Management System Using GPS	V.Vignesh ASP / CSE	International Journal for Science and Advanced Research in Technology	International Journal
12	3D Adventure Game Using Unity	M. Revathi AP/CSE	Bonfring International Journal of Software Engineering and Soft Computing	International Journal
13	An Enhanced Medical Diagnosis Sustainable System for Brain Tumor Detection and Segmentation using ANFIS Classifier	Dr.S.Kumarganesh ASP /ECE	Current Medical Imaging Reviews	International Journal
14	Hvq Based Pulmonary Nodules Expeditious Detection Using Thoracic ct Images	M.Sudha ASP/ECE	International Journal of Recent Scientific Research	International Journal

## TECHNICAL PAPER PUBLICATIONS BY OUR FACULTY MEMBERS

S. No	Title	Faculty	Journal Name	Status National / International
15	Smart Device Using Wearable Gesture	M.Sudha ASP/ECE	International Journal of Advanced and Innovative Research	International Journal
16	Poultry Coop Mister Atomization Using Advance Controller	M.Sudha ASP/ECE	Journal of Applied Science and Computations	International Journal
17	An Efficient Cluster Based Mobility Prediction Routing Using Hidden Markov Model in Mobile Wireless Sensor Networks	M.Sudha ASP/ECE	Journal of web Engineering	International Journal
18	Intelligent Cluster Based Routing Protocol For Mobile Wireless Sensor Networks	M.Sudha ASP/ECE	Tagajournal	International Journal
19	Design of Pulse Triggered Flip Flop Using Conditional Enhancement Scheme	L.Punitha AP/ECE	JCCN Journal	International Journal
20	A flash flood Early Warning System-Algorithm and Architecture	J.Asokan AP/ECE	International Journal of Engineering & Technology	International Journal
21	Performance Improvement in Vertical Heterogeneous Handoff Methodology Using CANFIS Approach	R.Mohanapriya AP/ECE	Wiley Online Library	International Journal
22	Analysis of Chemical Cells in Different Aspects for off Grid Energy Systems	Dr.B.Muralibabu PROF/EEE	International Research Journal of Engineering and Technology	International Journal
23	Anfis Based MPPT Control of a Stand –Alone Hybrid Power Generation System	Dr.A.Rathinam RPOF/EEE	International Journal of Engineering Development and Research.	International Journal
24	GRID Integrated Single Phase PV with Shunt Active Filter Based Control for Distributed System	Dr.G.Balaji HOD/EEE	International Research Journal of Engineering and Technology	International Journal
25	Off-Grid Solar Power Bank	Dr.A.Rathinam RPOF/EEE C.Arulkumar	International journal for Research in Applied Science & Engineering Technology	International Journal
26	Hybrid Integrated Solar And Wind Power Generation System for Remote Areas	S.Rathinavel AP/EEE	International Journal of Scientific Department and Research	International Journal
27	Overview of Solar Inverter Used in Solar Modules	Dr.B.Muralibabu PROF/EEE	International Journal of Research and Analytic Review	International Journal
28	Relay Co-ordination and ARC Flash Analysis Using ETAP	A.Udhayakumar AP/EEE	Indian Journal of Applied Research	International Journal



## TECHNICAL PAPER PUBLICATIONS BY OUR FACULTY MEMBERS

S. No	Title	Faculty	Journal Name	Status National / International
29	1. Bat Algorithm Optimized Controller for Automatic Generation Control of Interconnected Thermal Power System. 3. Frontiers in Artificial Intelligence and Applications	Dr.K.Jagatheesan ASP/EEE	Information Technology and Intelligent Transportation Systems	International Journal
30	Load frequency control of hydro-hydro system with fuzzy logic controller considering non-linearity. In Recent Developments and the New Direction in Soft-Computing Foundations and Applications	Dr.K.Jagatheesan ASP/EEE	Springer, Cham	International Journal
31	Development of ethanol and acetone gas sensing performance of MgCo2O4 nanosensors by clad modified fiber optical method	Dr.G.Balaji HOD/EEE	ELSEVIER Optical Fiber Technology	International Journal
32	High performance ethanol and acetone gas sensor based nanocrystalline MnCo2O4 using clad-modified fiber optic gas sensor	S.Rathinavel AP/EEE	ELSEVIER Optical Materials	International Journal
33	Development of ethanol and acetone gas sensing performance of MgCo2O4 nanosensors by clad modified fiber optical method	S.Rathinavel AP/EEE	ELSEVIER Optical Fiber Technology	International Journal
34	High performance ethanol and acetone gas sensor based nanocrystalline MnCo2O4 using clad-modified fiber optic gas sensor	Dr.G.Balaji HOD/EEE	ELSEVIER Optical Materials	International Journal
35	Cost Effective Conversion of Existing Bike into Hybrid Electric Bike	K.K.Poongodi ASP/EEE	IJRASET	International Journal
36	Cost Effective Conversion of Existing Bike into Hybrid Electric Bike	S.Ramachandran AP/EEE	IJRASET	International Journal
37	Soft switching of high step –UP DC –AC inverter for a buck boost voltage inverter with an split	S.Ramachandran AP/EEE	International Journal of Research and Analytic Review	International Journal
38	A novel design of Sepic operation of an DC-DC current source converter using WECS	S.Ramachandran AP/EEE	International Journal of Research and Analytic Review	International Journal
39	Wind energy using in generation of proficient power with five level dual buck full bridge inverters.	S.Rathinavel AP/EEE	International journal of research in engineering science and management	International Journal
40	IoT based Fighter Robots for Military Applications	B.Venkatesan HOD/IT	SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE)	International Journal
41	IOT based smart card with automatic billing for futuristic shopping experience	S.Saravana Kumar AP/IT	SSRG International Journal of Computer Science and Engineering (SSRG-IJCSE)	International Journal

## TECHNICAL PAPER PUBLICATIONS BY OUR FACULTY MEMBERS

S. No	Title	Faculty	Journal Name	Status National / International
43	A Project Of Cleaning Smog And Particulates By Using Smog Cleaner With Negative-Ion Generator	D.R.P.Rajarithnam HOD / MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
44	Automatic Rain Sensing Wiper And Headlight Control In The Vehicle	D.R.P.Rajarithnam HOD / MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
45	Mobile Controlled Pick And Place Robot Using Arduino	D.R.P.Rajarithnam HOD / MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
46	PCB Manufacturing Machine Using Hybrid DNC Machine	D.R.P.Rajarithnam HOD / MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
47	Biometric Fingerprint Based Self authentication Protected Voting Machine	D.R.P.Rajarithnam HOD / MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
48	Design and Fabrication Of Automatic Animal Identifier And Restrictor to Prevent Human Live hood	D.R.P.Rajarithnam HOD / MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
49	Design and Fabrication of Surveillance Drone In Caves	D.R.P.Rajarithnam HOD / MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
50	Optimization of Boiler Operation using Air Pre-Heater	D.R.P.Rajarithnam HOD / MCT	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International Journal
51	Design and Fabrication Of Automatic Animal Identifier And Restrictor to Prevent Human Live hood	C.Surmithra AP/ MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
52	A Project Of Cleaning Smog And Particulates By Using Smog Cleaner With Negative-Ion Generator	S. Manikandan AP/ MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
53	Optimization of Boiler Operation using Air Pre-Heater	S. Manikandan AP/ MCT	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International Journal
54	Automatic Rain Sensing Wiper And Headlight Control In The Vehicle	Vibinstalin.C Assistant PROF / MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
55	Biometric Fingerprint Based Self authentication Protected Voting Machine	Vibinstalin.C Assistant PROF / MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
56	Design and Fabrication of lawn mower using RF module	Vibinstalin.C Assistant PROF / MCT	International Research Journal of Engineering and Technology (IRJET)	International Journal

## TECHNICAL PAPER PUBLICATIONS BY OUR FACULTY MEMBERS

S. No	Title	Faculty	Journal Name	Status National / International
57	International Journal of Advance Research and Innovative Ideas in Education	R.Arunbabu AP/ MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
58	International Journal of Advance Research and Innovative Ideas in Education	R.Arunbabu AP/ MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
59	PCB Manufacturing Machine Using Hybrid DNC Machine	R.T.Ajaykarthik ASP/MCT	International Journal of Advance Research and Innovative Ideas in Education	International Journal
60	Study of the Micro-structures and Mechanical properties of Aluminium Hybrid composites with SIC and Al2O3	Dr.V.Subburam ASP/MECH P.Pugalenthi AP/MECH	International Journal of Advance Research and Innovative Ideas in Education	International Journal
61	Fabrication and Characterization of Basalt/Kevlar/AluminiumFiber Metal Laminates for Automobile Applications	T.Thangavel AP/MECH	Materials and Technology	International Journal
62	Mechanical Behaviour of Aluminium Powder modified Carbon/Basalt Reinforced Vinyl Ester composites	T.Thangavel AP/MECH	International Journal of Materials Science	International Journal
63	Mechanical Behaviour of Basalt/Carbon/Aluminium Fiber metal Laminates – An experimental study	R.Gunasekaran AP/MECH	IOSR-Journal of Polymer and Textile Engineering	International Journal
64	An Idiosyncratic Tool For Retrieving Legal Web Documents Using SSARC Algorithm	V.Annapoorani AP/MCA	Published by International Journal of Computational Intelligence and Informatics	International Journal
65	Combine use of Steganography and Visual Cryptography for Secured Data hiding in Computer Forensics	C.Rathnakumar AP/MCA	International Journal of Research	International Journal

**PAAVAI INSTITUTIONS  
DEPARTMENT OF FACULTY DEVELOPMENT  
EVENTS CONDUCTED  
2018-2019**

S. NO	DATE	NAME OF THE PROGRAMME	PARTICIPANTS	RESOURCE PERSONS
1.	28.05.2018 to 01.06.2018	A five-day Orientation Programme for the Recently Inducted Members	New Faculty members (68)	The Chairman & FDD Team
2.	18.06.2018 to 22.06.2018	A five-day Orientation Programme for the Recently Inducted Members	New Faculty members (48)	The Chairman & FDD Team
3.	02.07.2018 to 11.07.2018	A three-day Orientation Programme for First Year Arts Students	First Year Arts Students 3 Batches	The Chairman & FDD Team
4.	30.07.2018 To 01.08.2018	A three-day Orientation Programme for First Year D.Pharmacy Students	First Year Pharmacy Students	The Chairman & FDD Team
5.	21.09.2018 To 24.09.2018	A two -day Orientation Programme for the B.Ed ,MBA & MCA Frist year students	B.Ed ,MBA & MCA First year students	The Chairman & FDD Team
6.	07.09.2018 To 22.09.2018	A Six day Orientation Programme for the First year Engineering Students	First Year Engineering Students 7 Batches	The Chairman & FDD Team
7.	29.10.2018 to 30.10.2018 10.11.2018	A Three Day Orientation Programme for First Year Para-Medical Students	First Year Para - Medical Students	The Chairman & FDD Team
8.	17.11.2018	Pre-FRP Faculty Revalidation Programme	Engineering Faculty members	FDD Team
9.	07.12.2018	Pre-FRP Faculty Revalidation Programme	Polytechnic	FDD Team
10.	05.12.2018	Pre-FRP Faculty Revalidation Programme	Arts Faculty members	FDD Team
11.	19.11.2018 to 05.12.2018	Faculty Revalidation Programme	Faculty members	FDD Team
12.	28.11.2018 & 29.11.2018	FDP on Problem Solving and Python Programming Laboratory	CSE faculty members	M.Farithabegum, PCT M.Muthuraja, PCT S.Kumutha PCE B.M.Brindha,PCE
13.	29.11.2018 & 30.11.2018	FDP on Electromagnetic Fields	ECE faculty members	Prof. C. Vanaja, AP/ECE Dr. T. Loganayagi,ASP/ECE Prof. A.Samundeeswari, ASP/ECE

**PAAVAI INSTITUTIONS  
DEPARTMENT OF FACULTY DEVELOPMENT  
EVENTS CONDUCTED  
2018-2019**

S. NO	DATE	NAME OF THE PROGRAMME	PARTICIPANTS	RESOURCE PERSONS
14.	29.11.2018 & 30.11.2018	FDP on Kinematics Of Machinery	MECH faculty members	J.Selvakumar PCE S.ManirajPEC A.Rajasekar PCT
15.	29.11.2018 & 30.11.2018	FDP on Solid State Drives	EEE faculty members	Dr. A. Rathinam PEC G. Umamaheswari PEC R. Manikandan PCE R.M. TamilSelvi PCT
16.	04.12.2018 To 05.12.2018	A two- day Orientation Programme for the Recently Inducted Members	New Faculty members (18)	FDD Team
	03.12.2018	FDP on Strength of Materials Laboratory	Civil faculty members	K. Vivek, PEC P. Kiruthiga, PCE G. Shankar, PCT
18.	10.12.2018 to 14.12.2018	Faculty Revalidation Programme	Polytechnic faculty members	The Chairman, Correspondent, Panel members and FDD Team
19.	14.12.2018 & 15.12.018	Faculty Revalidation Programmes	Arts College faculty members	The Chairman, Correspondent, Panel members and FDD Team
20.	07.12.2018	FDP OnHydraulic Engineering Laboratory	CIVIL faculty members	A. Arun, PEC K. Saranya, PCE A. Neeta, /PCT
21.	04.12.2018 & 05.12.2018	FDP on Automation and Control	MCT faculty members	R.T. Ajay Karthick PEC R. Arunbabu,PEC M. Madheswaran, PCT P. Elanchezhian, PCT
22.	11.01.02019	Seminar on Fundamental of Microprocessor	EEE,CSE, IT faculty members	V.Sakthivel

**Individual Achievements:-**

- ▶ G.S.Jithu of II MBA won Gold Medal in All India Inter University Best Physique Tournament held at University of Calicut, Kerala.
- ▶ G.Geetha of I ECE & M.Kalaiselvi of IV ECE won Gold Medal in All India Inter University Yoga Championship held at University of Madras, Chennai. G.Geetha got Best Performance Award in All India Inter University Yoga Championship
- ▶ A.Madhu Shalini of IV year ECE has got Star of India in 64<sup>th</sup> Senior National Ball Badminton Championship held at Karnataka.
- ▶ A.Muralitharan of III year Civil won gold medal and Rs. 1 Lakh cash prize & D.Niranjana of IV ECE, K.Kannika of IV ECE, T.Santhiya Devi of II ECE & T.Gowsalya of II ECE won silver medal and each Rs. 75,000 cash prize in CM Trophy State Level Ball Badminton Tournament held at Chennai.
- ▶ K.Bharathi of I MBA has got Gold Medal in Junior & Senior State Weight Lifting & Power Lifting Championship & Silver Medal in Junior National Championship held at Punjab.
- ▶ R.Sasikumar of II ME & G.Dharmendra Vijaya Raj of III Civil Secured Runners in Badminton Tamilnadu SDAT Inter University Tournament.

### Team Achievements:-

- ▶ This academic year 71 students represented Anna University in various Sports & Games, 34 students have participated in South Zone Inter University, 50 students have participated in All India Inter University Tournaments , 21 students have participated in National Level Tournaments & 38 Students have participated in Tamilnadu State Level Chief Minister Trophy in various sports & games.
- ▶ Our Power Lifting Men & Women Team got Overall First place consecutive 7<sup>th</sup> time in AUSB Inter Zone Tournament held at Trichy Engineering College, Trichy.
- ▶ Our Boxing Men Team got Overall First place consecutive 5<sup>th</sup> time in AUSB Inter Zone Tournament held at K.S.R College of Technology, Tiruchencode.
- ▶ Our Judo Men Team got Overall First place consecutive 4<sup>th</sup> time in AUSB Inter Zone Tournament held at Christian College of Engineering, Oddanchatram.
- ▶ Our Handball Women Team won First place consecutive 4<sup>th</sup> time in AUSB Inter Zone Tournament held at Sri Eshwar College of Engineering, Coimbatore.
- ▶ 9 Students of our Hockey Women team Secured Runners in South Zone Inter University and also represented in All India Inter University Tournament held at Odisha.
- ▶ 12 Students of Our Hockey Women team were runners in Tamilnadu SDAT Inter University tournament held at SRM University, Chennai.
- ▶ Handball Women team has secured second place in Senior State Level Tournament held at Coimbatore & Five students were selected for Tamilnadu Team.
- ▶ Our Weight Lifting Men & Women and Best Physique Men Team won Overall First place in AUSB Inter Zone Tournament held at A.V.C College Engineering, Mayiladuthurai.

## SPORTS ACHIEVEMENTS OF THE YEAR 2018-19

- ▶ KICS'18 Sports Fest State Level Tournament held at Kumaraguru College of Technology, Coimbatore Our College Team own First Place in Badminton [Men], Ball Badminton [Men] & Kho-Kho [Women] and Second Place in Hockey [Men], Ball Badminton [Women] & Third Place in Hand Ball [Men] and Our College Got Overall First Place.
- ▶ State Level Nazareth Alumni trophy held at Nazareth college of Arts & Science, Chennai Our Hand Ball [Men] Team got First Place.
- ▶ Our Basketball Women Team got Second place in AUSB Inter Zone Tournament held at Anna University – BIT Campus, Trichy.
- ▶ State Level Open Hockey [Men] Tournament held at M.Kumarasamy College of Engineering, Karur. Our team got Second Place.
- ▶ Tamil Nadu Women Senior Handball Tournament 2018-19 held at Sri Eshwar College of Engineering, Coimbatore. Our team got Second Place.
- ▶ Our Kho - Kho Women Team got First place in AUSB Inter Zone Tournament held at Anna University – BIT Campus, Trichy.
- ▶ Cross Country Men & Women Tournament Our Men Team got overall First Place & Women Team Got overall Third Place in AUSB Inter Zone Tournament held at Dr. Sivanthi Adhithanar College of Engineering, Tiruchendur.
- ▶ Our Handball Men Team got First place in AUSB Inter Zone Tournament held at Paavai Engineering College, Namakkal.
- ▶ Our Hockey Men Team got Second place in AUSB Inter Zone Tournament held at Park College of Engineering, Coimbatore.
- ▶ Our Hockey Women Team got First place in AUSB Inter Zone Tournament held at Mailam Engineering College, Mailam.



## SPORTS ACHIEVEMENTS OF THE YEAR 2018-19

- ▶ 15 Students of our Hockey Women Team has secured Second Place in Senior National Tournament held at Thirunelveli.
- ▶ Our Badminton Men Team got Second place in AUSB Inter Zone Tournament held at Sri Sai Ram Engineering College, Chennai.
- ▶ Our Yoga Men & Women Team got Overall Second place in AUSB Inter Zone Tournament held at J.J College of Engineering, Trichy.
- ▶ Our Ball Badminton Men Team got Second place in AUSB Inter Zone Tournament held at Kumaraguru College of Engineering & Technology, Coimbatore.
- ▶ Our Ball Badminton Women Team got Second place in AUSB Inter Zone Tournament held at PSNA College of Engineering & Technology, Dindigul.
- ▶ Our Ball Badminton Women Team got First place in State Level Periyar Memorial Tournament held at Periyar Maniammai Inst. of Science & Tech, Vallam.

## LIST OF PAPER PRESENTATIONS BY STUDENTS AND THE PRIZES WON

S. No	Name of the Student	Year / Dept.	Topic / Events	College / Organization	Prizes Won
1	K.Gopikrishnan	II/CSE	Workshop	Game & Hack	World Record Holder
2	M.Mohamad Ibrahim	II/CSE	Workshop	Game & Hack	World Record Holder
3	S.Ganapathy	III/CSE	Workshop	Game & Hack	World Record Holder
4	C. Hari Rajan	II/CSE	INCEPTO'18-National Level Technical Symposium	Kongu Engineering College	III Prize
5	R.Sowmiya	II/CSE	Workshop	Game & Hack	World Record Holder
6	P.Dinakar	II/CSE	Symposium	Kongu Engineering College	III Prize
7	HariRajan.C	II/CSE	Symposium	Kongu Engineering College	III Prize
8	K.Revanth Kumar	II/CSE	Paper Presentation	Paavai Engineering College	III Prize
9	S.Ranjith	II/CSE	Paper presentation	Paavai Engineering College	III Prize
10	N.S.NiranjanRaaj	III/CSE	Quantum Computing	K.S.R Institute for Engineering and Technology	III Prize
11	S.NithyaAnandhi	III/CSE	Code Debugging	Paavai Engineering College	I Prize

## LIST OF PAPER PRESENTATIONS BY STUDENTS AND THE PRIZES WON

S. No	Name of the Student	Year / Dept.	Topic / Events	College / Organization	Prizes Won
12	S.Mugeshkumar	II/Civil	Cryptographer	Government College of Engineering,Salem	I Prize
12	S.Mugeshkumar	II/Civil	Best Civil Engineering	Government College of Engineering,Salem	II Prize
13	M.Pavithra J.Keerthana G.Lavanya	III Year ECE	Paper Presentation	Sona College of Technology, Salem	Second Prize Cash Prize Rs.400
14	E.Abbarna	III Year ECE	Paper Presentation Medical Applications of VR	Sona College of Technology, Salem	Cash Prize Rs 500 and Coupons for food of Rs.100
15	D.Rajarajan	IV /EEE	Paper presentation	Dhirajlal Gandhi College of Technology	I Prize
16	K.Siva	IV /EEE	Paper presentation	Dhirajlal Gandhi College of Technology	I Prize
17	D.Rajarajan	IV /EEE	Paper presentation	Anna University, Guindy	II Prize
18	S.Saravanan	IV /EEE	Paper presentation	Anna University, Guindy	II Prize
19	S.Kowshika	IV /EEE	Paper presentation	Sengunthar Engineering college	II Prize
20	S.Keerthana	IV /EEE	Paper presentation	Sengunthar Engineering college	II Prize
21	N.Sriram	IV /EEE	Paper presentation	Karpagam university	II Prize
22	R.Manimaran	IV /EEE	Paper presentation	Karpagam university	II Prize
23	M.Seralathan	IV /EEE	Paper presentation	Dhirajlal Gandhi College of Technology	III Prize
24	Tamilvanan	IV /EEE	Paper presentation	Dhirajlal Gandhi College of Technology	III Prize
25	S.Sugashini	III / IT	Paper Presentation	Sona College of Technology, Salem	II Prize
26	B.Elavarsi	III / IT	Paper Presentation	Sona College of Technology, Salem	II Prize
27	M.Gowsalya P.Tamilselvi K.Manibharathi	III – MCA	Adzap Brain Teaser code delay Tech Wizard 2.0 Animo Speck	Sacret Heart College of Technology	II Prize and III Prize
28	Abdul Rahim	III – A	Paper Presentation Direct metal laser sintering	MKCE, Karur	II Prize

## CONFERENCES ATTENDED BY OUR STUDENTS

S. No	Name of the Students	Year / Dept.	Title	Type of Programme and Date	Venue
1.	Nawaz Basha.N	III/Aero	Autonomous tethered drone	International conference 22.03.2019	JohnCoxCollegeofTechnology, Kerala
2.	Ajith.V	III/Aero	Autonomous tethered drone	International conference 22.03.2019	John Cox College of Technology, Kerala
3.	Mohammed zamman.P	III/Aero	Autonomous tethered drone	International conference 22.03.2019	John Cox College of Technology, Kerala
4.	M.Gowarthini P.Jeevitha A.Keerthi	IV/CIVIL	Numerical study on behaviour of cold form steel Lipped angle columns	International conference 15.03.2019	KSR College of Engineering, Tiruchengode
5.	D.John Abraham P.Muthu	IV/CIVIL	Experimental study on partial replacement of fine aggregate using ceramic wastes	National conference 16.03.2019	Narasus Sarthy Institute of Technology, Salem
6.	R.Vijayakrishna S.Santhosh	IV/CIVIL	Numerical Investigation of cold formed press braking steel zed sections	National conference 12.03.2019 & 13.03.2019	Sona College of Technology, Salem
7.	S.Revathi	IV/CIVIL	Numerical Investigation of cold formed press braking steel zed sections under compression	National conference 23.03.2019	Gnanamani College of Technology, Namakkal
8.	B.Haribalaji	IV/CSE	A modified version of playfair cipher using 8*8 matrix	National Conference 21-01-2019 & 22-01-2019	P.A.College of Engineering and Technology, Pollachi
9.	L.Srimathi	IV/CSE	Empirical Study on data mining algorithm for dengue disease prediction	International Conference 23.03.2019	V.R.S College of Engineering and Technology, Viluppuram
10.	K.Sandhya	IV/CSE	Empirical Study on data mining algorithm for dengue disease prediction	International Conference 23.03.2019	V.R.S College of Engineering and Technology, Viluppuram
11.	K.M.Raghav Mona	IV/CSE	Enhanced Intelligent Security Camera Using Face Recognition	International Conference 23.03.2019	V.R.S College of Engineering and Technology, Viluppuram
12.	Shravan S Vinod	IV/CSE	Enhanced Intelligent Security Camera Using Face Recognition	International Conference 23.03.2019	V.R.S College of Engineering and Technology, Viluppuram

S. No	Name of the Students	Year / Dept.	Title	Type of Programme and Date	Venue
13.	K.Sai Saran	IV/CSE	Enhanced Intelligent Security Camera Using Face Recognition	International Conference 23.03.2019	V.R.S College of Engineering and Technology, Viluppuram
14.	X.P.Thomas	IV/CSE	3D Adventure Game Using Unity	International Conference 28.03.2019 & 29.03.2019	K.S.R.College of Engineering, Tiruchengode
15.	M.Santhakumar	IV/CSE	3D Adventure Game Using Unity	International Conference 28.03.2019 & 29.03.2019	K.S.R.College of Engineering, Tiruchengode
16.	M.Sithambararman	IV/CSE	Image Enhancement and Leaf Disease Detection	International Conference 23.03.2019	V.R.S College of Engineering and Technology, Viluppuram
17.	P.Roopesh	IV/CSE	Image Enhancement and Leaf Disease Detection	International Conference 23.03.2019	V.R.S College of Engineering and Technology, Viluppuram
18.	V.Nivetha	IV/CSE	Advanced Cardiovascular Disease Detection Using Patch Base Method	International Conference 07.03.2019	SNS College of Technology, Salem
19.	T.Nivetha	IV/CSE	Advanced Cardiovascular Disease Detection Using Patch Base Method	International Conference 07.03.2019	SNS College of Technology, Salem
20.	J.Nivedha	IV/CSE	Advanced Cardiovascular Disease detection Using Patch Base Method	International Conference 07.03.2019	SNS College of Technology, Salem
21.	G.Indhumathi	IV/CSE	Shoulder Surfing Resistance for Graphical Password Using Cuedclkk Point	International Conference 07.03.2019	SNS College of Technology, Salem
22.	S.Gunaviji	IV/CSE	Shoulder Surfing Resistance for Graphical Password Using Cuedclkk Point	International Conference 07.03.2019	SNS College of Technology, Salem
23.	A.Naveen	IV / IT	IOT Based Fighter Robots for Military Applications	International Conference & 15.03.2019	Mangayarkarasi College of Engineering , Madurai
24.	K.Ravichandran	IV / IT	IOT Based Fighter Robots for Military Applications	International Conference & 15.03.2019	Mangayarkarasi College of Engineering , Madurai

S. No	Name of the Students	Year / Dept.	Title	Type of Programme and Date	Venue
25.	S.Sakthivel	IV / IT	IOT Based Fighter Robots for Military Applications	International Conference & 15.03.2019	Mangayarkarasi College of Engineering, Madurai
26.	R.Dilip Nagaraj	IV / IT	IOT Based Fighter Robots for Military Applications	International Conference & 15.03.2019	Mangayarkarasi College of Engineering, Madurai
27.	Jeswanthraj	IV / IT	IOT based Smart Card With Automatic Billing For Futuristic Shopping Experience	International Conference & 15.03.2019	Mangayarkarasi College of Engineering, Madurai
28.	P.Prabakaran	IV / IT	Agriculture Irrigation System Using IOT	International Conference & 23.03.2019	V.R.S College of Engineering and Technology, Vilupuram
29.	S.Sasikumar	IV / IT	Agriculture Irrigation System Using IOT	International Conference & 23.03.2019	V.R.S College of Engineering and Technology, Vilupuram
30.	S.K.Nandhini	IV / IT	IOT Alcohol And Health Monitoring System	International Conference & 23.03.2019	V.R.S College of Engineering and Technology, Vilupuram
31.	S.Dharani	IV / IT	IOT Alcohol And Health Monitoring System	International Conference & 23.03.2019	V.R.S College of Engineering and Technology, Vilupuram
32.	S.Kaviya	IV / IT	IOT Based Smart Vehicle Automation and Accident Alert System	International Conference & 23.03.2019	V.R.S College of Engineering and Technology, Vilupuram
33.	K.Poovizhi	IV / IT	IOT Based Smart Vehicle Automation and Accident Alert System	International Conference & 23.03.2019	V.R.S College of Engineering and Technology, Vilupuram
34.	N.Ramya	IV / IT	IOT Based Smart Vehicle Automation and Accident Alert System	International Conference & 23.03.2019	V.R.S College of Engineering and Technology, Vilupuram
35.	R.Akilan	IV / IT	Two Factor Authentication of ATM users via Radio Frequency and Face Detection	International Conference & 23.03.2019	Kongunadu College of Engineering and Technology, Trichy
36.	P.Arunkumar	IV / IT	Two Factor Authentication of ATM users via Radio Frequency and Face Detection	International Conference & 23.03.2019	Kongunadu College of Engineering and Technology, Trichy

S. No	Name of the Students	Year / Dept.	Title	Type of Programme and Date	Venue
37.	S.Raseen Ahamed	IV / IT	Checking Hospital Reports via Biometric Authentication For Accident Victims Using IOT.	International Conference & 08.03.2019	Jayaram College of Engineering and Technology , Trichy
38.	V.Mathan Kumar	IV / IT	Checking Hospital Reports via Biometric Authentication For Accident Victims Using IOT.	International Conference & 08.03.2019	Jayaram College of Engineering and Technology , Trichy
39.	T.Sanjay	SAVATAR	Indo Taiwan Summit	International Conference 25.02.2019	Paavai Engineering College, Namakkal
40.	T.Gowsic Raj G.Arunkumar	PCB Manufacturing Using Hybrid DNC Machine	Indo Taiwan Summit	International Conference 25.02.2019	Paavai Engineering College, Namakkal
41.	Kavin.K	IV / IT	Improve Memory Efficiency on the Distributed Cloud Server	International conference 07.04.2018	Arijun College of Technology, Coimbatore
42.	Mummaneedi Ambika	II MCA	Analytical Comparisor of Network Virtualization Using Various Parameters	National Conference, 08.05.2019	Brindavan College of Engineering, Bengaluru
43.	P.Manjula S.Rajpriya	II MCA	A Survey on Six Sense Technology	National Conference, 08.05.2019	Brindavan College of Engineering, Bengaluru

## WORKSHOPS ATTENDED BY OUR STUDENTS

S.No.	Department	No. of Students Attended
1	Civil Engineering	22
2	Computer Science and Engineering	196
3	Electronics and Communication Engineering	70
4	Electrical and Electronics Engineering	34
5	Information Technology	73
6	Mechanical Engineering	25
7	Mechatronics Engineering	02
8	Master of Business and Administration	29
9	Master of Computer Applications	20
10	Aeronautical Engineering	25
11	Chemical Engineering	19
12	Agriculture Engineering	15

## PAPERS PRESENTED BY OUR STUDENTS

S.No.	Department	No. of Students Presented
1	Civil Engineering	04
2	Computer Science and Engineering	18
3	Electronics and Communication Engineering	11
4	Electrical and Electronics Engineering	10
5	Information Technology	67
6	Mechanical Engineering	09
7	Mechatronics Engineering	01
8	Master of Business and Administration	05
9	Aeronautical Engineering	03



## PLACEMENT DETAILS FOR THE ACADEMIC YEAR 2018 -19

S.No.	Companies	No. of Students Placed
1	ABCO India Pvt Ltd	1
2	Appasamy Associates	20
3	Elcompo Electronics India Pvt. Ltd.	29
4	Perfect Electronics Pvt. Ltd	34
5	TCS	1
6	Brakes India Pvt. Ltd	5
7	HTL Ltd	10
8	Eureka Forbes	20
9	Infiniti Software Solutions	1
10	Larsen & Toubro (Chennai)	1
11	Mitsuba Sical India Pvt. Ltd.	13
12	Rising Stars Mobile India Pvt. Ltd.	13
13	Fabulyst & Ten Miles	1
14	Velciti Consulting Engineers pvt. Ltd.	3
15	Turbo Energy Pvt. Ltd	1
16	Alpha Associates	12
17	Supreme Industries	17
18	Infac India Pvt. Ltd.	12
19	Saint Gobain Glass India pvt. Ltd.	1
20	Team Lease	45
21	Kwangjin India	9
22	Vertex India	60
23	East India Technology Pvt. Ltd	19
24	Unique Shell Mould (India) Pvt Ltd	11
25	Abishowatech (India) Pvt Ltd	25
26	Sandfits Foundries Pvt. Ltd	12
27	Emerald Resilient Tyre Manufacturers Pvt. Ltd	11
28	Kay Jay Forgings Pvt. Ltd.	5
29	JVR Land Surveyors	5
30	Renault Nissan Automotive India Pvt. Ltd.	2

## PLACEMENT DETAILS FOR THE ACADEMIC YEAR 2018 -19

S.No.	Companies	No. of Students Placed
31	Abi showatech (India) Pvt. Ltd	33
32	Digital Nirvana	0
33	Poornam Info Vision Pvt Ltd	3
34	Myoung Shin India Automotive Pvt Ltd	16
35	Prime Meridian Surveys	5
36	Integral Component Manufacturers Pvt. Ltd.	14
37	Kyungshin Industrial Motherson Private Ltd.	13
38	Cholamandalam MS General Insurance Company Ltd.	26
39	Satvat Infosal Pvt. Ltd	18
40	Sri Ram Transport Finance Co Ltd.	1
41	Vinayak Infotech	1
42	SPIC Ltd	1
43	National Plastics Group	12
44	Larsen & Toubro (Coimbatore)	1
45	L G Balakrishnan Bros Ltd.	25
46	First Source Solutions Ltd.	12
47	Tagros Chemicals India Ltd	18
48	Roots Irrigation	22
49	Nextweb	5
50	TVS Upasana Ltd.	10
51	BSA Corporation Ltd.	1
52	KK Precision Components	7
53	ABCO India Pvt Ltd	1
54	Appasamy Associates	20
55	Elcompo Electronics India Pvt. Ltd.	29
56	Perfect Electronics Pvt. Ltd	34

## SPORTS DAY - 2019



ஆக, நம் பாவை ஆல்போல் தழைத்து, அருகுபோல் வேருன்றி, மூங்கில் போல் கிளை கிளைத்து, வாழையடி வாழையாய், வம்சத்திற்கு வம்சமாய், கற்பக விருட்சமாய், கலங்கரை விளக்கமாய், கலைகளின் ஓவியமாய், தொழில்களின் ஆலயமாய், மகிழ்ச்சியின் விளைநிலமாய்த் துளிர்ந்து தழைத்து செழித்து, ஓங்கி, உயர்ந்துநின்று-நீடித்து, இமயமென நிலைத்து, நம் அனைவருக்கும் பயனளித்து, பார் போற்றிடத் திகழும் என்ற மகிழ்வுடன், கல்விச் சேவையில் அறிவும், அறிவியலும், அன்பும் இணைந்து “ஒரு பெரும் செயல் செய்வாய்” எனும் மகாகவி பாரதியின் மந்திரத்தை மனதில் ஏற்று, கல்வி ஒளி நல்கும் குளிர்நிலவாய், நற்பண்புகள் ஊற்றெடுக்கும் அருஞ்சனையாய், தெய்வபக்தியும், தேசபக்தியும், வீரமும்செறிந்திடும் செங்கதிரவனின் தகித்திடும் பெருந்தனலாய்க் கிளர்ந்து, நம் அனைவருக்கும் ஊற்றெடுக்கும் உற்சாகமும், கனிந்து வரும் “கனியின் சுவையும் காற்றின் இயக்கமும்” கலந்தாற் போன்றதொரு நிறைவும், உவகையும் பெருகிட இறையருள் கூட்டும் என வாழ்த்துகிறேன். ஜெய்ஹிந்த்.



With Kind Regards

*CA. N.V. Natarajan*

Chairman



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PAAVAI EDUCATIONAL INSTITUTIONS	
TEAM OF ACADEMICIANS AND PRINCIPALS	
<b>Directors:</b>	
Dr. K.K.Ramasamy	Administration
Dr. C. Satish	Paavai Group of Schools
Mr. K. Senthil	Admissions
Mr. S. Srinivasan	Placement & Training
<b>Principals :</b>	
Dr. M. PremKumar	Paavai Engineering College (Autonomous)
Dr. M. Devi	Paavai College of Engineering
Dr. J. Sundararajan	Paavai College of Technology
Prof. S. Sumathi	Paavai Polytechnic College
Prof. S. Balamurali	Paavai College of Education
Prof. P. Poongothai	Paavai Teacher Training Institute
Dr. R.Rajeswari	Paavai Arts & Science College for Women
Dr. M. Radhakrishnan	Paavai College of Pharmacy & Research
Dr. Hepsi Rachel Chellarani	Paavai College of Nursing & Research
Smt. Jamunaramani	Paavai Vidhyashram CBSE School
<b>Deans :</b>	
Prof. R. Chenniappan	English
Dr. R.Kasthuribai	Faculty Development
Mrs. C. Jayalakshmi	Counselling
Dr.S.Sukumar	Civil
Dr. K. Selvi	Academics
Dr. R. Jagannathan	Agriculture



**PAAVAI Engineering College (Autonomous)**  
**PAAVAI College of Engineering**  
**PAVAI College of Technology**  
**PAAVAI Polytechnic College**  
**PAVAI Arts & Science College (Women)**  
**PAAVAI College of Education**  
**PAAVAI Teacher Training Institute**  
**PAAVAI College of Nursing and Research**

**PAAVAI College of Pharmacy and Research**  
**PAAVAI Institute of Allied Health Science**  
**PAAVAI Vidhyashram CBSE School**  
**PAAVAI Matriculation Higher Sec. School**  
**PAAVAI Vidhyashram - Salem Campus**  
**PAAVAI IAS Academy**  
**PAAVAI Nrithyalaya**  
**R.S.K. Group of Schools, BHEL Campus, Trichy**

