



## PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)



### CHAIRMAN'S MESSAGE

Dear parents and students!

I deem it to be a matter of immense delight to address you. It is indeed inspiring to witness that the college has carved a name for itself in the academic scenario of the region. Education is the most powerful tool to bring desirable changes in student's personality and produce the positive changes in our society. It is the guiding torch which enables you to move from darkness to brightness.

I believe that the newsletter of Paavai Engineering College will serve as a window through which the complete profile of the academic and co-curricular activities, achievements and progress made during the academic year 2019-2020 can be viewed.

It gives me immense pleasure, to affirm that our foremost venture is to create an ambience for nurturing innovation, creativity and excellence in our students by preparing the young engineers and managers to confidently and competently face the challenges of intensifying competition by means of imparting high quality technical and managerial education coupled with appropriate training and wide exposure to the state-of-art practices. Our educational programs lay emphasis on all round personality development and also in inculcating human values and professional ethics which help our students become more humane and socially lead a meaningful life. Paavai also places its splendid impression on sports. We won Champion of Champion in the Anna University Sports Meet for the sixth consecutive year which is enough to indicate that Paavai aims to nurture all rounded personalities.

In Paavai, we encourage students to take initiative towards their career and also support them for achieving it. Institution Innovation Cell of our college has been awarded by the Indian Ministry of Education with 4.5 stars for promoting innovation and start-up opportunities in campus. The Institution of Engineers awarded our college with Innovation and Sustainability Award on 52<sup>nd</sup> Engineers' Day Celebration. Best Student Chapter Award was also given by Tamil Nadu ISTE at their 21<sup>st</sup> Annual Convention.

I believe that the foundation of Paavai is based on hard work, open communication, a strong emphasis on team work and a high level of responsibility. This visionary culture allows and emphasizes our wards not only to adopt the present day challenges but also nurtures individual responsibilities to the society and our nation at large. This is further cemented by the 'Best NSS Unit' Award, bestowed by the Anna University, Chennai. The service of Paavai in creating personally mature, professionally equipped and service-oriented graduates is really worth mentioning and here no compromise is made on teaching standards or discipline. I'm happy to announce that our student, R. Sweshikha (ECE), has participated in the Republic Day Parade at New Delhi and our students are participating for the third year in the remarkable occasion

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

Best wishes for the success and bright future.



An Alumni Guest Lecture was organized for the MCA students, by the Department of Master of Computer Applications. On 03.06.2019, at 10.00 am - Guest Lecture On “Introduction to Various Software Domain Tools” was delivered by Guggilla Venkateswarlu, Technical Lead at Zensar technologies Ltd, Infantry road, Bangalore.



A one day alumni guest lecture on the topic “Application of Big Data Cloud for Efficient ERP Solutions” was organized by the Department of Computer Science and Engineering, on 14.06.2019. Mr.V.Krishna Moorthy, SAP Cloud ERP & BI Consultant, an alumnus from the batch 2012 – 2016 was the guest speaker. He concentrated more on explaining “ERP for business process model” where the students understood about the big data analytics in an organization.



The Department of EEE, has conducted an alumni guest lecture on the title, “Electrical Energy Safety” on 15.06.2019. Dr.M.Premkumar, Principal, presided over the function and insisted the students to consider this kind of guest lecture as a forum to discuss on the various opportunities for the effective electrical engineers. Er.Sathish IA, Alumni Students, Department of Electrical and Electronics Engineering, the Alumni guest. In his lecture, he explained about the electrical safety measures carried out in mining. He insisted the participants to shape themselves according to the needs of the outside world as they are in the period of innovation for electrical engineers. Mr.S.Saravanan of third year EEE welcomed the gathering and Ms.N.Janani of third year EEE proposed the vote of thanks.



Department of Information Technology organized a guest lecture on “Cloud Architecture” on 17.06.2019 at Cute Hall. The guest speaker of the session was Mr.Thiyagarajan Selvaraj, Data Analyst Architect Technology, Data Analytics, Canada. The guest speaker shared his wide experience in web application and he is also the winner of Innovation Olympiad.





The Department of ECE organized a guest lecture on the title Telecommunication – Software Development Perspective. The session was inaugurated on 26.06.2019 at 10:00 a.m. by Dr. M. Premkumar, Principal- Paavai Engineering. The keynote address was given by the guest speaker Mr. Anbarasu Shanmugam, Project Consultant, Capgemini Technology Services India limited, He expressed his experiences in Paavai as a student which gave him the confidence to face the real world outside the campus. He gave a brief about the evolution of networks and detailed about the OSS RC. He elaborated the two major systems of Operational Support System Radio Core- Network Management System and Elemental Management System.



The Department of IT inaugurated ‘Growing Coders Club’ and organized a guest lecture program on the title of “Develop Eyes for your Application using AI”. on 03.07.19 The keynote address was given by the guest speaker Mr. Kishore Chowdary, C# speaker, MVP, Lead Training Associate, Codesizzer Pvt Ltd.



A one day guest lecture on the topic “Believe in You” was organized by the Department of Computer Science and Engineering, on 11.07.2019. Mr. Ganapathy Chandrasekaran, Account Technology Strategist (Virtual CTO), Microsoft, San Fransisco was the guest speaker. He explained five principles including growth mindset, mindfulness, key planning, rewire thinking, spreading relationship which foster innovation were listed out to the students.



A guest lecture was conducted by the Department of Aeronautical Engineering on 20.07.2019 on the title “Professional Career in Engineering Product Design and Development” The students of Aeronautical Engineering attended the lecture given by Mr. Alaguraj Vellaippan, founder of MACH Engineers, Coimbatore.



The Department of Mechatronics inaugurated 'Microbytes Innovative Club (MIC)' and organized a guest lecture program on the title of "Corporate Expectations from Budding Engineers: Myths and Realities". On 22.07.2019 The guest speaker Mr. Elanchezhian. K.G, Executive HR, Ducen IT Pvt Ltd, Chennai. He expressed his sincere gratitude to Paavai Engineering College for their support. The session was continued on the title "Corporate Expectations from Budding Engineers: Myths and Realities". He enumerated various tips for facing interviews in corporate world such as communication skills, knowledge beyond the textbooks, ability to lead, positive approach and updated with latest in technology.



A Alumni Guest Lecture on "Lean Construction and Project Management" was organised by the Department of Civil Engineering on 27.07.2019 by Dr.K.M.Nanthan, Planning Manager, Larsen & Toubro Limited, Chennai.



The Department of IT organized an alumni guest lecture program on the title of "Listen, Learn, Lead". The keynote address was given by the guest speaker Mr.Karthick Narayanan, Risk Analyst, Amazon. He expressed his sincere gratitude to the college for their support. He expressed his experience as a student which gave him confidence to face the real world outside the campus. The session was carried over on the title "Listen, Learn, Lead".



A 15 day workshop on the topic "Skill Training on technology and Soft Skill" was organized by the Department of Computer Science and Engineering, on 6.8.2019 to 23.08.2019. Various resource persons from ICT Academy handled the sessions. Students were taught to develop their social and work-life skills, as well as their personal and emotional well-being including team work, resilience, leadership, employability skills.





An Alumni Guest Lecture was organized for the MCA students, by the Department of Master of Computer Applications on 07.08.2019, at 10.00 am. “Solving Real Time Problem Using IOT” was delivered by Mr.R.Venkatesh, Advanced Millennium Technology Pvt Ltd Bangalore.



A One day training program on “Student to Training & Development” was organized by Department of Master of Business Administration on 10.08.2019 and the guest Mr.Rajkumar, Director, Venpa Staffing Services India Pvt Ltd, Salem, ignited the students with his speech and was a source of motivation for the MBA students.



The Independence day of our Nation was celebrated at Kalpana Chawla Open Theatre, in a colourful and grand manner. Shri.CA.N.V.Natarajan, Chairman, hoisted the national flag and accepted the guard of honour. The Chairman appreciated and awarded the certificates to Mr.Ranjith and Ms.Subhashree, III year Agri for their participation in Republic day parade camp 2019, Chennai. In the Independence day address, Shri.CA.N.V.Natarajan, the Chairman stated that, our country is rich in its heritage, culture, tradition, prosperity, human resources and natural resources. India is known for its concept, “Unity in Diversity”. There are different religions, languages, colour, food, tradition, customs, way of living, but all people belong to the same nation. Hence our country’s identity is unity in diversity. He also highlighted that, India is the largest democratic country in the world. He emphasized that the nation of the world, look forward, to India for its growing economy and its contribution to the world economy. India is progressing in the area of science and technology, medical care, rocket science, satellite, technology of atomic bomb and many more innovations in the robotic technology. But at the same time, there is poverty, corruption, terrorism, intolerance, violation, disappearance of value system, culture pervades equally in our county.



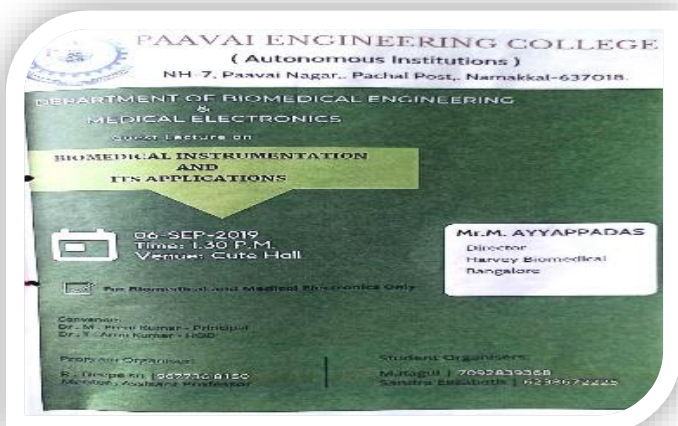
The Department of Mechatronics organized a guest lecture on the title, “Research Challenges in Fog Environment for IoT Services”. The session was inaugurated by Dr.M.Premkumar, Principal, held on 16.08.2019. The guest speaker Dr. T. Veni, Assistant Professor, Department of Computer Science and Engineering, National Institute of Technology, Kozhikode. The session was continued on the title “Research Challenges in Fog Environment for IoT Services”. At the beginning, she focused on the Introduction of Internet of things and the four pillars of IoT. In order to kindle the curiosity among the students the application of IoT concept and devices were picturized in the form of mind mapping. Different software and hardware components required for IoT was explained with pictures and videos.



The Department of Management studies organised a Guest Lecture on Strategic management on 19.8.2019 by Mr.Naveen, Manager HR Fashion Designers Club, Texvalley, Erode, discussed about various techniques on strategy formulation in various industries and the Strategic issues in Managing Technology and Innovation.



The Department of IT organized an awareness program on the title “Cyber Security for Women”. The session was inaugurated at 10.00 a.m. The special address was given by the guest speaker Ms Meena Gayathri, Assistant Manager, Zacco Cyber Security Research Labs. She expressed her sincere gratitude to the college for the cooperation to create awareness among the girls. The session was carried over on the title “Cyber Security for Women”. She started the session by asking ‘Whether they felt safe inside the campus?’ Many gave the answers in their point of view and the session was useful to the female gender.



A Technical webinar on “Biomedical Instrumentation and its application” was organised by the Department of Bio-Medical Engineering on 06.09.2019. Mr.M.Ayyappadas, Director, Harvey Biomedical, Bangalore.





The Department of Electronics & Communication Engineering organized the Guest Lecture titled “RF MEMS for Wireless Communication” on 06.09.2019. Dr.B.Nataraj, Associate Professor, Sri Ramakrishna Engineering College, Coimbatore was the guest speaker. The presidential address was delivered by Dr.M.PremKumar, Principal, In which he highlighted the importance of skill development in this technological world. The keynote address was given by the guest speaker Dr.B.Nataraj, Associate Professor in which he highlighted about the key words RF and MEMS. He also detailed about that tools used in MEMS and Mobile battery technology. The session was carried over by the speaker on the title RF MEMS for Wireless Communication, in which he gave a brief about the evolution of RF networks and explained about the uses of MEMS.



A Technical webinar on “ Introduction to biomedical Engineering ” was organised by the Department of Bio-Medical Engineering on 07.09.2019 By Dr.S.Mangai, Professor, Department of Biomedical Engineering, Vellalar college of Engineering and Techonology, Erode, was the guest speaker.



Department of Information Technology organized a guest lecture on “Campus to corporate” on 10th September 2019 at Kalam Chamber. The function started with the prayer song. Mr.A.Mohamed Rilwan second year IT welcomed the gathering. The guest speaker of the session was Mr.Mohanavelu Srinivasan, SAP consultant,USA. The guest speaker has wide experience in SAP consulting and manufacturing and even with FFA and FDA regulatory Procedures. He has 24 years of experience in SAP consulting which made him more unique. He has a wide knowledge in chemical, aerospace and even in high-tech fields. As the session was very interactive, students were excited and interacted enthusiastically .



An alumni guest lecture on the topic “Engineering Metallurgy and Manufacturing Processes” was organized by the Department of Mechanical Engineering on 16.09.2019 in Kalam Chamber. An alumni of our college Mr. M.Muni Raj, Manager- Ferrous Applications, Magma Engineering India Pvt. Ltd., Hyderabad was the chief guest and delivered the special lecture.



On the behalf of Dr.A.P.J.Abdul Kalam’s birthday Department of Information Technology and Civil organized a Speech Competition and Essay Writing on “Responsibility of the youth in the world of science” in association with IE(I), Salem Local centre, Salem on 17. 10.2019 at Kalam’s chamber .The function started with a prayer song. Er.D.Arulselvan, FIE, Chairman, IE(I),Salem Local Centre, Salem welcomed the gathering .The guest speaker of the session was Dr. K.K.Ramasamy Director administration, Paavai Institutions. In his speech he elaborated on how the students should be and insisted every students to be creative.



A Faculty Development Programme was organised by the Department of Civil Engineering. on “Modern Developments in Concrete and Construction Areas” on 05.12.2019 & 06.12.2019.



A Faculty Development Programme on “Technical Concepts of Beam Testing in Loading Frame” was organised on 12.12. 2019 & 13.12.2019 by Mr.N.Moorthi, AP/Civil Mr.M.Rajkannan, AP/Civil Ms.S.Gayathri, AP/Civil Paavai Engineering College.





A six day workshop on the topic “Salesforce ADX-201” was organized by the Department of Computer Science and Engineering, on 16.12.2019 to 21.12.2019. Mr. Nitul Sharma, Senior Technical Trainer, Department of Training & Research, ICT Academy was the trainer. Resource person gave a detailed note on “Salesforce ADX-201” and the on-going applications and described the popularity of Salesforce ADX-201 in and around the globe. He explained the strategy of completing the modules in the Salesforce platform by giving hands on sessions.



Department of Information Technology organized “The Growing Coders Club “(GCC) programme of season II at Kalam Chamber on 18.12.2019. The GCC season II was introduced by Mr. B.Venkatesan Head, Department of IT, and he briefed about new events to be conducted per month such as paper presentation, Aptitude, Debugging, Programming aptitude, Picture programming connection, More than 10 of student teams participated in various activities of IT departments of GCC.



The Department of ECE has organised a one day workshop on “Ethical Hacking” on 20.12.19 at Cute Hall. The programme commenced by invoking the blessings of the Almighty. Dr.K.Selvi, Dean Academics presided over the function. In her presidential address, she mentioned the importance of ethical hacking. She said that “Ethical Hacking” creates a wider impact in today’s modern era. She also gave some real time examples of hacking since the beginning of this decade. Mr.S.Vivek,CEO, Ozone Cyber Security, Kerala was the Chief guest. He delivered the Keynote address .In his talk he spoke about ethical hacking and its significance in today’s world. He also gave a gist about simple hacking techniques in everyday routine.



The Department of EEE, has conducted an Awareness programme on Energy Conservation on 10.01.2020 at Government Higher Secondary School, puduchatram Mr.V.Kumarakrishnan, Mrs.S.Suganya, Assistant Professors, EEE, was the guest speaker. In his lecture, he explained about the role, needs and importance of energy conservation and electrical safety. In his presentation, he elaborated the concept of renewable energy generation especially the solar plants. He insisted the way of saving electricity for next generation and also pointed out that the technical upgradation plays an important role in energy conservation. He inspired the young electrical engineers with his knowledge on electrical safety and gave an idea about how the safety precautions have to be carried out as an electrical engineer.



The Department of Agriculture Engineering organized Pongal celebration & Seminar on “Application of Geospatial Technology in Agriculture and Remote sensing and GIS” at the Kalam Chamber on 10.01.2020. Guest Speaker, Mr.S.Ramasubramaniam, ISRO Scientist, Chennai. He addressed about Geo Spatial technology using in Agriculture and He explained that remote sensing technology gives key information for both growers and other stakeholders in market supply and exports.



The Department of Agriculture Engineering organized Pongal celebration & Seminar on “How to Grow Plant in Organic Farming” at the Kalam Chamber on 10.01.2020. Guest Speaker, Mr. K.Ashok Kumar, Organic Farmer, Salem, addressed about how to Grow seeds in organic farming. He explained about the various organic things used for daily routine life and Turmeric planting through Equipment processing and how to increase the yield.





The Department of Agriculture Engineering organized Pongal celebration & Seminar on “Environmental Things” at the Kalam Chamber on 10.01.2020. Guest Speaker, Mr.P.Murugesha Boopathi EX.Vice-chancellor TNAU, Coimbatore. His effective speech about Amirthavarshini in Paavai, the useful of water harvesting Air, Water and Land Pollution, Climate Change, Global Warming, Deforestation & Logging, Overpopulation, Acid Rain and Ozone Layer Depletion. made the Student know about the environmental values. .



The Department of Agriculture Engineering organized Pongal celebration & Seminar on “Organic Farming” at the Kalam Chamber on 11.01.2020. Guest Speaker Mr. Nirmal Ragavan, Social activist, presented his views on organic farming in agricultural system that uses fertilizers such as compost manure, green manure, and bone meal and places also he emphasis on farming techniques such as crop rotation and companion planting.



The Department of Agriculture Engineering organized Pongal celebration & Seminar on “New Farming Technology” at the Kalam Chamber on 11.01.2020. Guest Speaker Mr.L.Mayakrishnan, Agriculture Assistant officer, Namakkal, have presented his motivational speech on New Farming Technology in Tamilnadu. He explained about Farming companies, seed production companies and government and advisories along with crop insurance providers in a detail manner.



The Department of Agriculture Engineering organized Pongal celebration & Seminar on “Organic Agriculture” at the Kalam Chamber on 11.01.2020. Guest Speaker Mr.G.Sriram, Founder, Keeraikadai.com. On his presentation he emphasized on organic farming like inter-cropping, mulching and integration of crops and livestock in various agriculture systems including the traditional agriculture practiced in Tamilnadu.



The Department of ECE organised a Workshop on “Blue Ocean Strategy” on 22.01.2020. The workshop was inaugurated with the prayer song at 2.00 pm in the presence of Mr.V.Aravindhnan, Guest Speaker, Principal, Faculty Coordinator along with the student participants. The Presidential address was delivered by Dr.M.Premkumar, Principal, in which he highlighted the importance of skill development in this technological world. The session was carried over by the guest speaker Mr.V.Aravindhnan, Past Chair, Yi Salem Chapter, Deputy General Manager, Hotel Grand Palace and CEO cum Proprietor of MSV group, on the title Blue Ocean Strategy, in which he briefed about “Blue, Red and Purple Ocean” and with many case studies.



Paavai Engineering College organized “Smart India Hackathon 2020 (SIH-2020)” programme on 23.01.2020 at Kalam Chamber. Dr.Shyam Prasad Rajasekaran, Founder & CEO-Twirltact Technology Solutions Private Limited, Coimbatore, was invited. As the session was very interactive, students exhibited their talents and interacted enthusiastically. In the beginning Dr.Shyam Prasad Rajasekaran gave valuable suggestions to the individuals who took part lively in the event.



The Republic Day of our Nation was celebrated on 26.01.2020 at Kalpana Chawla Open Theatre, in a colourful and grand manner. Shri.CA.N.V.Natarajan, Chairman, hoisted the national flag and accepted the guard of honour.



A one day guest lecture on the topic “Next Generation Hacking” was organized by the Departments of Computer Science Engineering and Information Technology, on 30.01.2020. Mr. Aditya Nair, Innovation Engineer, Rocheston Accreditation Institute, Chennai, was the trainer. He gave a detailed note on “Cybersecurity” by explaining how to build a strong foundation to handle the security threats.





The Department of Mechatronics organized a guest lecture on the title, “Python Programming”. The session was inaugurated by Dr.M. Premkumar, Principal, Held on 03.02.2020. The guest speaker Mr. Arun Balaji, Managing Director, Yoi Robotic Laboratory, Coimbatore. He expressed his sincere gratitude to Paavai Engineering College for their support. He emphasized that, in addition to learning the academic curriculum, students should attempt to learn the latest programming languages which are trending in the IT industry. He suggested that Google Trends is a great website to follow to keep abreast with the latest trends on programming languages.



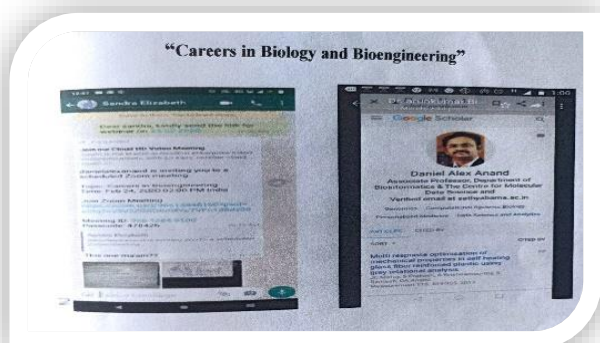
The Department of Electronics and Communication Engineering, Paavai Engineering College has organised a two day workshop on “Home Appliances Synchronization with IoT” from 04.02.2020 to 05.02.2020. The function started with the prayer song. Ms. Keerthana, Second Year ECE, welcomed the gathering. Ms. R. Abinaya, Third Year ECE, introduced the Chief Guest. Dr. K. K. Ramasamy, Director Admin, Paavai Institutions, presided over the function. The session was carried over by the guest speaker Mrs. Vimaladevi, HR, Caliber Embedded Technologies in which she explained about product Development Company.



The Department of EEE, has conducted a guest lecture on Energy Conservation and Electrical Safety on 04.02.2020 at Kalam Chamber. Dr. K. K. Ramasamy, Director Administration, presided over the function and insisted the importance of energy conservation to the students. He gave an awareness about the energy auditing and management. Dr. G. Balaji HoD/EEE honoured the chief guest with the memento. Mr. K. Komarasamy AMIE, ME., Assistant Engineer, Operation & Maintenance Othakuthurai, TNEB- Gobichetipalayam, was the guest speaker. In his lecture, he explained about the role, needs and importance of energy conservation and electrical safety. In his presentation, he elaborated the concept of renewable energy generation especially the solar plants. He insisted the way of saving electricity for next generation and also pointed out that the technical upgradation plays an important role in energy conservation.



A Guest Lecture was organised by the Department of Civil Engineering on “Bridge Modelling and Detailing using TEKLA structures” on 05.02.2020 By Er.P.Suresh Anand, Design Engineer and Consultant for RCC Structure and Steel Structure in C Cube Technologies, Salem.



A Technical webinar was organised by the Department of Bio Medical Engineering on “ Careers in biology and Bioengineering ” on 24.02.2020 by Daniel Alex Anand, Associate Professor, Department of Biometerial & The Centre for Molecular Date science and system Biology Sathyabama Institute of science and Technology, Chennai.



A Workshop was organised by the Department of Civil Engineering on “Construction Management and Job Opportunities in the Construction Industry” on 26.02.2020 By Er.V.Sriraman B.E, M.B.A, Founder andCEO, Prayojana Infratech Solutions, Salem was the guest speaker.



The Department of EEE, conducted a one day guest lecture on the title, Electric Vehicle Technology on 12.03.2020. Dr.M.Preamkumar, The Principal presided over the function and insisted the students to consider this kind of guest lecture as a forum to gain knowledge on the various technology for becoming effective electrical engineers. Mr.E.Ashok Kumar, CADD Center Manager, Rasipuram was the chief guest. In his lecture, he explained briefly about Electric Vehicle Technology which is an evolving technology in recent trends. He explained the various types, working modules of electric vehicles and made a comparison between the IC engine and the IOT based electric vehicle. He also clarified the job roles of electrical engineers in the automobile domain.





Department of Information Technology, organized a seminar on “Road map for summer Internships in association with Internshala” on 13.03.2020 at Kalam Chamber. Prof.B.Venkatesan, Head of the Department, Information Technology and Mr.C.Natarajan final B.Tech/IT, Internshala Student P1artner both addressed the gathering students actively participated in all events to converge them with awareness to contribute in internship trainings, As the session was very interactive, students were excited and interacted enthusiastically.



A Technical webinar was organised by the Department of EEE on “ Deep Learning Technique for computer aided interpretation on biomedical images” on 22.05.2020 By Dr.N.M.Nandhitha, Professor and Dean, Department of Electrical and Electronics Engineering, Sathyabama Institute of Science and Technology was the guest speaker.



The Department of EEE, conducted a guest lecture on the title, Power Quality Issues in Commercial and Industrial Applications 30.05.2020 via Google Meet. Dr.M.Premkumar, Principal, presided over the function and insisted the students to consider this kind of guest lecture as a forum to discuss on various students activities for effective electrical engineers. K.Saravanan, Professor, Faculty of Electrical and Computer Engineering, Jimma Institute of Technology, Jimma University, Jimma, Etiopia, was the guest speaker. In his lecture, he explained about power distribution network and the components. He also discussed about the recent trends adopted in power sectors. He insisted the participants to update the knowledge in of power sectors. He described the concepts of grid, source of power available, types of loads utilized, categories of consumers, types of metering used and the tariff calculation.



A webinar was conducted by the Department of Aeronautical Engineering on 30.05.2020 in the title “Aero engine on-wing and off-wing care”. The students of Aeronautical Engineering attended the presentation given by Vasanth Sudarshan, Lead engineer Engineering services-GE. The session was very interesting and useful to the students.

**Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during 2019-2020 (INR in Lakhs)**

S.No	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/ Non-Government)	Department of Principal Investigator/ Co Investigator	Year of Award	Funds provided (INR in lakhs)	Duration of the project
1	Dr.M.Premkumar	Department of Science and Technology	Government	Mechanical	2019-2020	20.944	2 Years
2	Dr.M.Sudha	AICTE	Government	Electronics and communication Engineering	2019-2020	6.31569	2 Years
3	S.Vijayakumar	Sri Velmurugan Sago Factory, Ananda Goundampalayam, Minnakkal Post, Rasipuram, Namakkal-637505	Non government	Electronics and communication Engineering	2019-2020	0.089	2 Months
4	Dr.G.Balaji	AICTE	Government	Electrical and Electronics Engineering	2019-2020	3.01667	3 Months
5	Dr.G.Srinivasan	AICTE	Government	Chemical Engineering	2019-2020	4.15	3 Months
6	Dr.A.Suphalakshmi	AICTE	Government	Computer Science and Engineering	2019-2020	3.98333	3 Months
7	Dr.G.Srinivasan	Tamilnadu State Council for Science and Technology	Government	Chemical Engineering	2019-2020	0.075	6 months
8	B.Venkatesan	Tamilnadu State Council for Science and Technology	Government	Information Technology	2019-2020	0.075	6 months
9	Dr.G.Balaji	AICTE	Government	Electrical and Electronics Engineering	2019-2020	8.86	2 Years
10	Dr. Rosaiah Pitcheri	DST-SERB	Government	Physics	2019-2020	35.535	3 Years
11	Dr.R.Arravind	Jet Aerospace Aviation Research Center	Non Government	Aeronautical	2019-2020	0.4	6 months
12	K.Gokulnath	Jet Aerospace	Non Government	Aeronautical	2019-2020	0.35	6 months



		Aviation Research Center					
13	P.Karthikeyan	Jetwings Technologies	Non Government	Aeronautical	2019-2020	0.3	6 months
14	S.Marypriya	Vimannalabs India Private Limited	Non Government	Aeronautical	2019-2020	0.3	6 months
15	Dr.G.Srinivasan	Foundation for Advancement and Research	Non-Government	Chemical Engineering	2019-2020	0.25	6 months
16	M.Raja	Caliber Embedded technologies. Salem-636009, Tamil Nadu.	Non-Government	Electrical and Electronics Engineering	2019-2020	0.35	1 Years
17	Dr.A.Rathinam	A.Duraisamy Modern rice mill, Nethimedu, Salem-2, Tamil Nadu.	Non-Government	Electrical and Electronics Engineering	2019-2020	0.2	1 Years
18	Dr.K.Jagatheesan	Orbit Controls & Services, Valasaravakkam, Chennai-87, Tamil Nadu.	Non-Government	Electrical and Electronics Engineering	2019-2020	0.45	1 Years
19	Dr.G.Balaji	Caliber Embedded technologies, Salem-636009.	Non-Government	Electrical and Electronics Engineering	2019-2020	0.3	1 Years
20	Dr.A.Suphalakshmi	Sakthi Maruthi Processors Soft Flow Dyeing Unit S.F.No 383/1, Balaji Garden, Avarappalayam veerapandi post, Tirupur - 641605 8754209226	Non Government	Computer Science and Engineering	2019-2020	0.84	6 months
21	Dr.N.Magendiran	C Cube Technologies	Non Government	Computer Science and Engineering	2019-2020	0.33	5 months
22	Dr.D.Banumathy	Uniso System India Pvt Ltd.	Non Government	Computer Science and Engineering	2019-2020	0.76	6 months

23	Mrs.P.Renukadevi	Sri Karthikeyan Transports , 1/44, Dhanalakshmi Complex, Salem Bye pass road, Mudalaipatti - (Po) Namakkal - 637003 9443710991	Non Government	Computer Science and Engineering	2019-2020	0.26	3 months
24	Sumithra.C	Klexe Robotics	Non-Government	Mechatronics	2019-2020	0.6	4 months
25	Vibin Stalin.C	Shanmugatechnologys	Non-Government	Mechatronics	2019-2020	0.6	3 months
26	Arunbabu.R	Vi Microsystem s Pvt. Ltd, Chennai	Non-Government	Mechatronics	2019-2020	0.4	3 months
27	Sumithra.C	Techforge	Non-Government	Mechatronics	2019-2020	0.4	4 months
28	Ajay Karthik.R.T	TEXMO Industries	Non-Government	Mechatronics	2019-2020	0.15	3months
29	RajaRathnam.D.R.P	Anbu Health Care	Non-Government	Mechatronics	2019-2020	0.2	2 months
30	A.P.Sivasubramani am	Caliber embedded	Non-Government	Mechanical	2019-2020	0.3	6 Months
31	S.Maniraj	Sphoorti Machine Tools Pvt Ltd	Non-Government	Mechanical	2019-2020	0.3	8 Months
32	Dr.P.Elumalai	Sri Vel-Murugan Sago Factory –Rasipuram	Non-Government	Mechanical	2019-2020	0.3	6 Months
33	P.Prabhakaran	CKML Paper Products	Non-Government	Mechanical	2019-2020	0.3	8 Months
34	M.VinothKumar	Star Coaches-Karur	Non-Government	Mechanical	2019-2020	0.4	1 years
35	Mr.P.Selva kumar	Aerospace Engineers-Salem	Non-Government	Mechanical	2019-2020	0.2	6 months
36	Dr.V.Subburam	United Manufacture India - Sankagiri	Non-Government	Mechanical	2019-2020	0.16	2 years
37	S.T.Kumaravel	Airflow Equipments (India) Pvt Ltd	Non-Government	Mechanical	2019-2020	0.3	2 years
38	Dr.M.Premkumar	Royal Academy of Engineering, UK	Non-Government	Mechanical	2019-2020	15.086	2 years
39	S.Maniraj	United Manufacture India - Sankagiri	Non-Government	Mechanical	2019-2020	0.25	6 months



40	Dr.A.Vivekanandhi ni	Rasi Agriculture and Construction Equipments, No 146/1, amaravathi nagar, Bangalore Bypass Road, Mamangam, Salem - 636302	Non Government	Agricultural Engineering	2019-2020	0.65	3 Months
41	A.Meignanamoorthi	Sunlite Solar System No: 238, Bretts Rd, Sagadevapuram, I Agraharam, Salem, Tamil Nadu 636007	Non Government	Agricultural Engineering	2019-2020	0.7	2 Months
42	S.Gayathri	Madhumitha constructions , VARSHA PALACE",2/1 78-A,Angalamm an Koil Street, Sivathapuram,Salem-636307, Cell No:9842763284	Non-Government	Civil Engineering	2019-2020	0.1	1 Month
43	N.Moorthi	Thirumurugan Construction s, Rasipuram, Cell: 9659008380	Non-Government	Civil Engineering	2019-2020	0.1	1 Month
44	Dr.M.Sudha	Barath Agro Tech,Namakkal-637001	Non government	Electronics and communication Engineering	2019-2020	1.25	1 year
45	Dr S Elango						
46	Dr.T.Loganayagi	Gurudev Engineering Services Erode - 638001	Non government	Electronics and communication Engineering	2019-2020	0.95025	1 year
47	Dr.R.Mohanapriya						
48	A.Samundeeswari	Uniso, Salem	Non government	Electronics and communication Engineering	2019-2020	1.052	1 year
49	S.Elango	SMN Poultry, No.2 Pudupatty, Serukkalai, Namakkal	Non government	Electronics and communication Engineering	2019-2020	0.21	2 Months

**BOOK PUBLICATIONS BY OUR FACULTY MEMBERS**

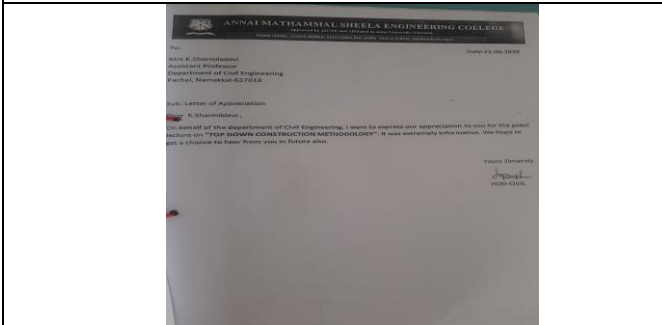
S.NO	TITLE	FACULTY	PUBLICATIONS
1.	Aircraft Materials and Manufacturing Technology	D.Rajkumar & Asst.Prof//Aero	Self Publication
2.	Medical Electronics	Dr.K.Baskar Asst.Prof/ BME	Scientific and Industrial Publisher
3.	Electronics Devices	Dr.K.Baskar Asst.Prof/ BME	Scientific and Industrial Publisher
4.	Operating Systems	Mr.R.Kaviyaraj Asst.Prof/CSE	Edu Creation
5.	Unconventional Machining Processes	Mr.S.Maniraj Asst.Prof/Mech	Shanlax Publications
6.	Engineering Chemistry	Prof.M.Mohan Prof & HOD / S&H - Chemistry	Srikrishna Traders, Chennai
7.	Engineering Chemistry	Dr.G.Raja Professor & Hod/Chemistry	Srikrishna Traders, Chennai
8.	Environmental Science & Engineering	Prof.M.Mohan Prof & HOD / S&H - Chemistry	Srikrishna Traders, Chennai
9.	Environmental Science & Engineering	Dr.G.Raja Professor & Hod/Chemistry	Srikrishna Traders, Chennai



AWARDS RECEIVED BY THE FACULTY MEMBERS



J.Umanambi,Head, Dept.of Civil Engg. was selected as a Member to represent “Architectural Engineering Division” for the Executive Committee in the year 2019 – 2020.



K.SharmilaDevi, Dept.of Civil Engg Engineering received the Award for Appreciation.



Dr.A.P.J.Abdul Kalam Young researcher Award was received by Mr.R.Kaviyaraj/AP/CSE.



Department of ECE Dr.M.Sudha, HOD, received the Young Women Educator & Research Award 2020.



R.T.Ajaykarthik, Dep of MCT received Best researcher Award.



S.Manikandan, Dep of MCT, received the Best Researcher Award.



Dr.D.R.P.Rajarathinam, Dep of MCT, received the Award of Appreciation.



Dr.R.T.Ajaykarthik, Dep of MCT received the Award of Appreciation.





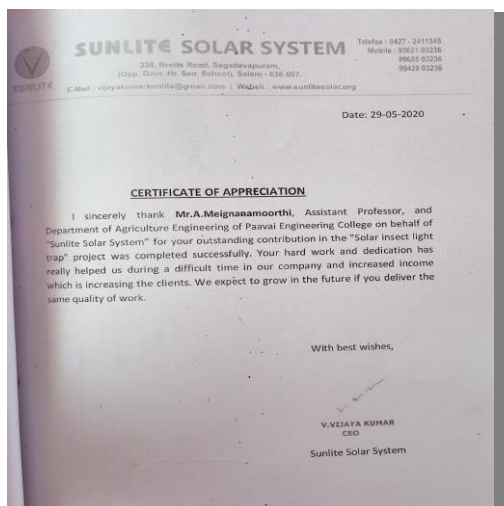
Dr. K K. Ramasamy, Director Admin, Department of Mechanical Engineering received the Exemplary Academic Administrators Of Higher Education Institute Across India.



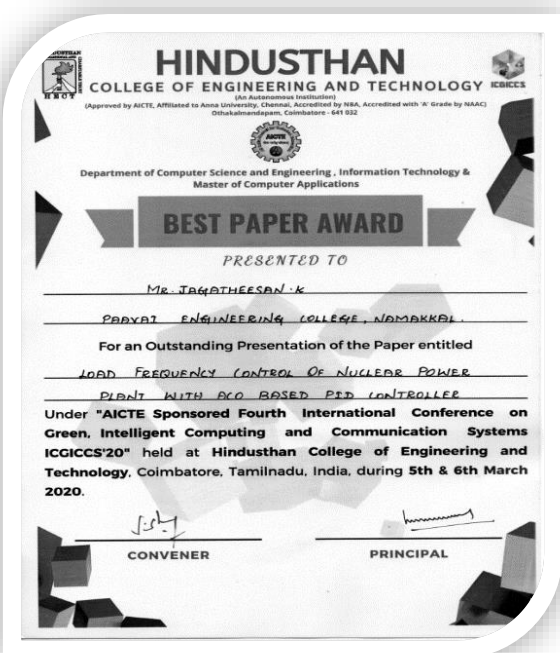
Dr. M. Premkumar, Principal, Department of Mechanical Engineering, received the Reviewer Award.



Dr. M. Premkumar, Principal, Department of Mechanical Engineering, received the Best Research Peace Award for 2019.



Mr. A. Meignamoorthi, Department of Agri, received the Appreciation for Research Excellence Award.



Dr. K. Jagatheesan, Department of EEE, received the Best Paper Award for an outstanding presentation of paper entitled "Load Frequency Control of Nuclear Power Plant with ACO based PID Controller" under AICTE sponsored Fourth International Conference on Green, Intelligent Computing and Communication System ICGICCS'20"

- K. Sharmila Devi Asst. Prof Department of Civil received Award for Appreciation
- Mr. S. Loganathan Asst. Prof Department of /ECE received Best Project Guide – Institute of Scholars



Prof.B.Venkatesan, HOD – IT received the Top 50 Tech Savvy Academicians in Higher education across the India Award given by ULeetz Education Solution Ltd.for the year 2019.



Prof.B.Venkatesan, HOD – IT received the Aadharsh Acharya Puraskar Award given by IT association of Andhra and Telangana& Indian Server.



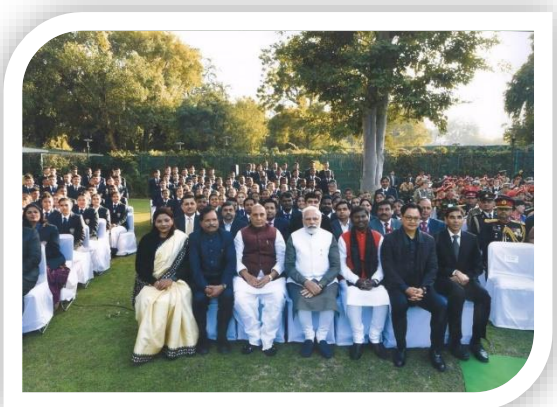
Prof.B.Venkatesan, HOD – IT received The Confederation of Elite Academicians of IICDC Award was given by AICTE, Texas Instruments, IIM Bangalore & DST.



**NATIONAL SERVICE SCHEME**  
**REPUBLIC DAY PARADE CAMP 2020, NEW DELHI-PARTICIPATION**

Our college NSS Volunteer Ms.R.Sweshikha, III-Year B.E. (Electronics and Communication Engineering) was selected and actively participated in the **NSS–Participation Republic Day Parade Camp 2020, New Delhi** from 01 January 2020 to 31 January 2020.

She was also selected from **South Zone Level PRE - RD Selection 2019 held at National College, Trichy, Tamil Nadu** from 16 November 2019 to 25 November 2019. For South Zone Pre-RD, she was selected from Anna University Pre-RD Camp (Anna University Level) held on 20.08.2019 at Anna University Regional Campus, Coimbatore.





Mr.C.Rathnakumar, NSS Programme Officer, received the Best NSS Programme Officer Award from Dr.K.K.Surappa, Vice Chancellor, Anna University, Chennai.



Ms.M.Subasri, Final Year, B.E. (Agriculture Engineering) received the Best NSS Volunteer Award from Dr.K.K.Surappa, Vice Chancellor, Anna University, Chennai.

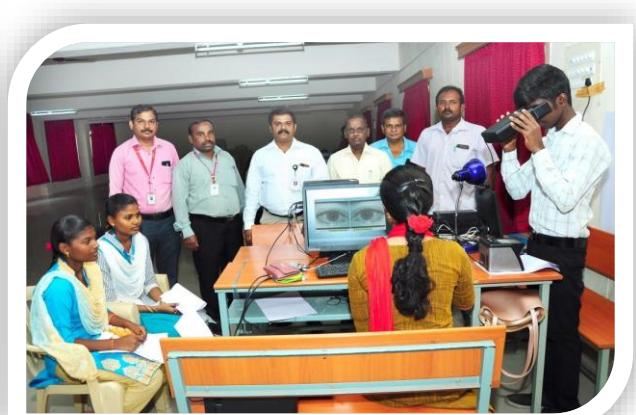


Mr.C.Rathnakumar, NSS Programme Officer, Paavai Engineering College and Ms.M.Subasri, Final Year, B.E. (Agriculture Engineering), Paavai Engineering College receiving blessings from our Chairman, Director Administration, Principal for best NSS Programme Officer Award and NSS Volunteer Award.



**ADHAAR ENROLLMENT & UPDATION SPECIAL CAMP****Blood Donation Camp**

On the Occasion of 150<sup>th</sup> Birthday of Mahatma Gandhi, National Service Scheme, Paavai Engineering College and Government Hospital, Namakkal jointly organized a Blood Donation Camp.

**MEDICAL-EYE-DENTAL-CHECK UP CAMP**



**SPORTS ACHIVEMENTS****Anna University Zone Tournament**

S. No.	Name of the Game	Venue	Position
1.	Badminton (M)	Kongunadu College of Technology	1 <sup>st</sup>
2.	Badminton (W)	Kongunadu College of Technology	1 <sup>st</sup>
3.	Table Tennis (W)	Muthayammal Engineering College	1 <sup>st</sup>
4.	Basketball (M)	Paavai College of Technology	1 <sup>st</sup>
5.	Hockey (M)	Kongunadu College of Technology	1 <sup>st</sup>
6.	Basketball (W)	AVS Engineering College	1 <sup>st</sup>
7.	Kho – Kho (M)	Paavai Engineering College	1 <sup>st</sup>
8.	Handball (M)	Paavai Engineering College	1 <sup>st</sup>
9.	Volleyball (M)	Paavai Engineering College	1 <sup>st</sup>
10.	Athletics (W)	Selvam College of Technology	2 <sup>nd</sup>
11.	Ball Badminton (W)	V.S.A Engineering College	2 <sup>nd</sup>
12.	Ball Badminton (M)	Paavai College of Engineering	2 <sup>nd</sup>
13.	Kabaddi (M)	Kongunadu College of Technology	3 <sup>rd</sup>
14.	Athletics (M)	Selvam College of Technology	3 <sup>rd</sup>
15.	Chess (W)	AVS College of Technology	3 <sup>rd</sup>
16.	Tennis (M)	Paavai College of Engineering	3 <sup>rd</sup>

**Anna University Inter Zone Tournament**

S. No.	Name of the Game	Venue	Position
1.	Boxing (M & W)	Paavai Engineering College, Namakkal	1 <sup>st</sup>
2.	Handball (W)	M.Kumarasamy College of Engineering, Karur	1 <sup>st</sup>
3.	Hockey (M)	Kongunadu College of Technology, Thottiyam	1 <sup>st</sup>
4.	Hockey (W)	Kumaraguru College of Tech., Coimbatore	1 <sup>st</sup>
5.	Judo (M & W)	Paavai Engineering College, Namakkal	1 <sup>st</sup>
6.	Kho – Kho (W)	K.S.R Groups of Institutions, Tiruchengode	1 <sup>st</sup>
7.	Powerlifting (M)	Trichy Engineering College, Trichy	1 <sup>st</sup>
8.	Basketball (W)	K.P.R. Institute of Tech., Coimbatore	2 <sup>nd</sup>
9.	Best Physique (M)	Paavai Engineering College, Namakkal	2 <sup>nd</sup>
10.	Weight Lifting (M)	Paavai Engineering College, Namakkal	2 <sup>nd</sup>
11.	Yoga (M & W)	JJ College of Engineering & Technology, Trichy	2 <sup>nd</sup>
12.	Cross Country (M & W)	Arasu Engineering College, Kumbakonam	3 <sup>rd</sup>
13.	Fencing (M & W)	Paavai Engineering College, Namakkal	3 <sup>rd</sup>
14.	Football (W)	BIT Campus, Trichy	3 <sup>rd</sup>
15.	Handball (M)	Kumaraguru College of Tech., Coimbatore	3 <sup>rd</sup>
16.	Power lifting (W)	Trichy Engineering College, Trichy	3 <sup>rd</sup>
17.	Table Tennis (W)	C.Abdul Hakeem College of Engineering, Vellore	3 <sup>rd</sup>
18.	Weight Lifting (W)	Trichy Engineering College, Trichy	3 <sup>rd</sup>

**National and All India University Tournament**

S. No.	Name of the Game	Venue	Position
1.	Ball Badminton	Mothihari, Bihar	1 <sup>st</sup>
2.	Yoga	Jaipur, Rajasthan	3 <sup>rd</sup>

