



## CHAIRMAN'S MESSAGE

Dear parents and students!  
Warm greetings from your Chairman!

I would like to begin with epigrammatic outline of the performance of Paavai Engineering College and enormously delighted to carve up my remarks regard the footpath that has left in this academic year 2020-21 through this Newsletter. I feel 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 even in these difficult times of pandemic.

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 seek prominence in creating state-of-the-art quality engineers. Looking ahead to the future, one of the most exciting trends to emerge in 2020 has been the increased interest in new technologies and its great impact in diminishing the limitations of pandemic. Our college has been honored with Outstanding Achievement Award for securing all India 1<sup>st</sup> rank as a part of Internshala Annual Rankings for the year 2021 with 4690+ students being selected for internships throughout the year.

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 unleashes its glorious impression even on sports and games. This can be evident from our student S. Kombaihpandiyan being awarded "Best NSS Volunteer Award" at Anna University.

I believe that Paavai would reach the pinnacle of distinction with the faith and acquaintance from the parents and the technocrats. The essential part is creating 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. Our students on behalf of NSS volunteered to create an interactive awareness rally to spread precautionary measures against COVID-19.

I seize this occasion to extend my thanks to our academicians and the line of people. I also congratulate all those who, by their earnest and sincere efforts, are behind the success of Paavai.



The Department of Information Technology organized an Online Webinar titled “AWS in Cloud Computing” on 01.06.2020. Mr.Thiyagarajan, Software Architect, Canada was the chief guest.



An Online Webinar on “Design Thinking” was organized by the Department of Information Technology on 03.06.2020. Mr.Shyam Prasad Rajasekaran, Founder- Twirl Tact Technology Solutions Pvt Ltd., Coimbatore was the Chief Guest.

**ALUMNI GUEST WEB SERIES**

Academic year 2020-21 Lecture : 01

**Mr. Ajay Antony**  
Assistant Manager, Global Customs  
Vestas Wind India Pvt Ltd  
Chennai

**ALUMNI**  
Paavai Engineering College  
ECE (2008-2012)

**LIFE AFTER ENGINEERING DEGREE**

DATE : 04.06.2020 (Thursday)  
Session Timing : 3.00pm - 5.00pm

Students who are interested to Participate, Please fill this below form  
<https://docs.google.com/forms/d/e/1FAIpQLS5HJNARCMXNYyGCEASG7VYDyCg7MUJSP9qevb7dX4T9pQ/viewform?vc=0&w=1>

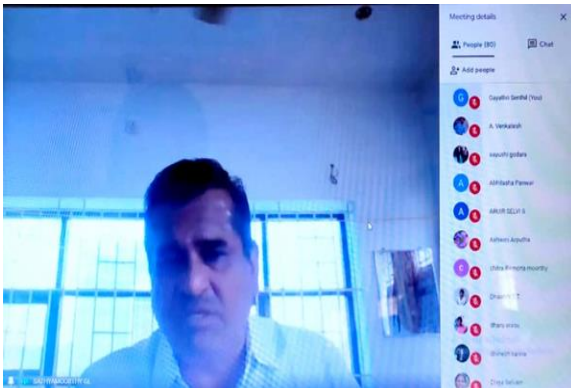
Contact info:  
Mr.K. Ravishankar Alumni Co-ordinator/ECE  
9842432973  
Mr.P. Renukadevi, Co-ordinator Paavai Alumni Association  
9845134731

<https://meet.google.com/tjv-jdfl-txu>

The Department of Electronics and Communication Engineering has organized an alumni web series-lecture 01 titled “Life After Engineering Degree” in association with the Alumni Association Cell on 04.06.2020. Dr.M.Sudha, Head of the Department, ECE was the convener of the function. Mr. Ajay Antony, Assistant Manager, Global Customs, Vestas Wind India Pvt., Ltd., Chennai was the Alumnus speaker. He explained about career options after engineering, opportunities for higher studies, shared success stories about internships and entrepreneurship. Mr.K. Ravishankar Kandasamy, Alumni coordinator/ECE, and Mrs.P. Renukadevi, Alumni Association coordinator organized the alumni series.



The Department of Aeronautical Engineering conducted the webinar on 06.06.2020, the Speaker of the day was Mr. Jaikummar Loganathan, Engineering Manager, GE Aviation-Bangalore. He presented on “Introduction to wind energy & wind turbine design”. He discussed the concepts of wind energy and how they are harnessed. He also explained the role of aeronautical engineers in designing a wind turbine and discussed their career opportunities in the wind energy sector and his experience as a manager in General Aviation.



A Technical webinar on “Introduction to sustainable development and circular economy” was organized by the Department of Civil Engineering on 06.06.2020. Dr.G.L.Sathya Moorthy, professor in the Department of Civil Engineering, Kumaraguru College of Technology was the guest speaker. The guest speaker explained the sustainable development goals and case study on sustainable development and circular economy.



A webinar on “Importance of Switchgear for Industrial Applications” was organized by the Department of Electrical and Electronics Engineering, on 07.06.2020. Guest Speaker of the day Er.V.Subramanian, Manager Training L & T Limited, Switchgear Training Centre, Ooty elaborated on the topic.



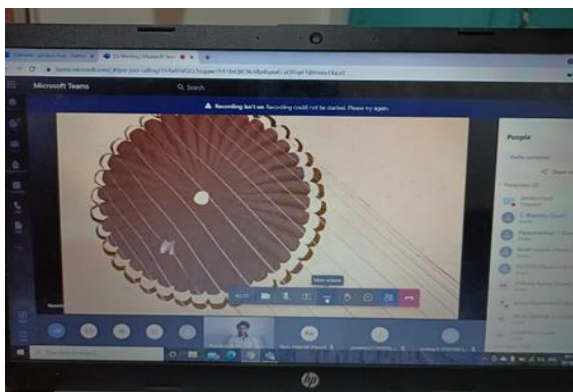
The Department of Information Technology organized a one-day Online Webinar on “Agile Methodology in Software Development” on 07.06.2020. Mr.Dhilipan Chakarvarthy, Independent Software Consultant, FLSmith, Chennai was the chief guest of the function.



Department of Mechatronics organized a webinar on “The Future of Cooling” on 09.06.2020. Dr.K. Balaji, M.E., PhD., VIT-Vellore explained the importance of Cooling towers in Air-conditioning, the Fundamentals of Cooling-Towers and the factors to be considered while designing cooling towers and briefed the various opportunities in the refrigeration and air-conditioning industry.



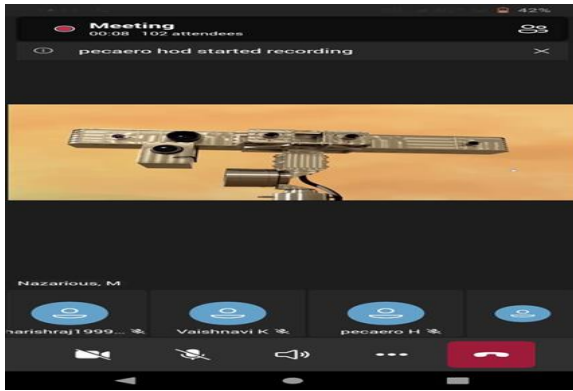
The Department of Aeronautical Engineering conducted the webinar on 09.06.2020, the Speaker of the Day was Dr. S. Nadaraja Pillai, Associate Professor, Aerospace Engg, Sastra University, Tanjore. He spoke on the topic “Recent Research in Aerodynamics”. He discussed the concepts of aerodynamics and how it was used in the aerospace industry and the advantages & disadvantages of various materials used in different areas of aircraft. He projected a clear understanding of the importance of research opportunities in the aerodynamics field. He inspired the audience through lively interaction on topics.



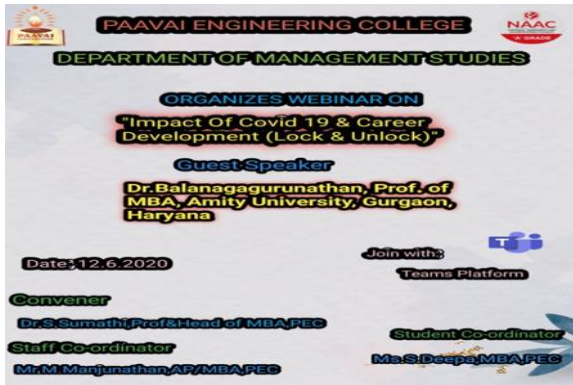
The Department of Aeronautical Engineering conducted the webinar on 10.06.2020, the Speaker of the Day was Dr.P.S.Prem Kumar, Associate Professor, Aeronautical Engineering, KCT-Coimbatore. He expounded the topic on “Basic aspects of Computational Fluid Dynamics & its applications”. He discussed the basics of computational fluid mechanics and how they were applied to different fields other than aeronautics and aerospace. He also made a clear view for students about their career and how they can pursue the dream and guided them to get some core jobs.



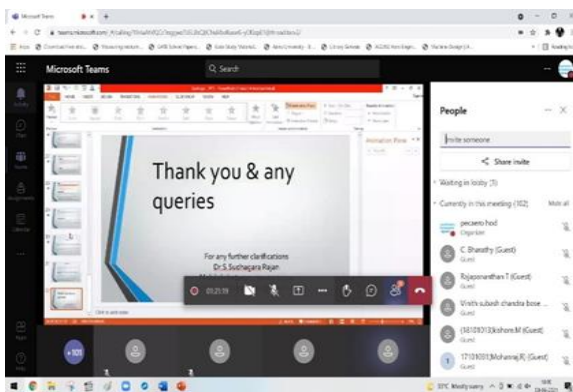
The Department of Mechanical Engineering organized a webinar on “Global challenges in new product development” on 11.06.2020. The chief guest was Dr.M.Natarajan, Professor and R&D Consultant, Department of Mechanical Engineering, Aditya Institute of Technology, Coimbatore. The resource person elaborated on the challenges that a mechanical engineer has to face while developing new products. Design aspects, material selection, architectural compactness are all to be taken care of in new product development.



The Department of Aeronautical Engineering conducted the webinar on 11.06.2020, the Speaker of the Day was Dr.J.BruceRalphin Rose, Assistant Professor, Aeronautical Engineering, Anna University Regional Campus-Tirunelveli. He elaborated on the topic of “Advances in Fluid Mechanics”. He projected on comprehending the theoretical concepts of the recent advances in the field of fluid mechanics. He then discussed the problems and solved problems in advanced fluid mechanics.



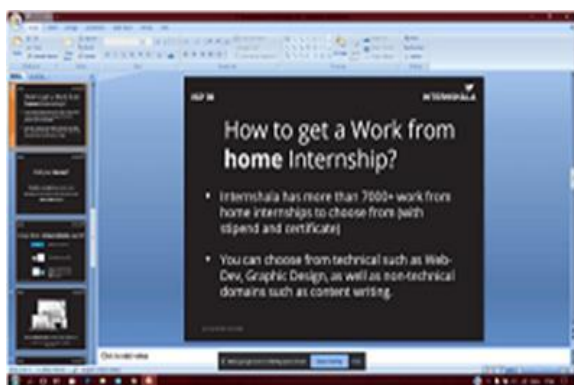
Webinar on ‘Impact of Covid 19 & Career Development (Lock & Unlock): was organized by the Department of Management studies on 12.6.2020. Dr. Balanagagurunathan, Prof. of MBA, Amity University, Gurgaon, Haryana was the guest speaker for the session, and he discussed the prospects for Career Development.



The Department of Aeronautical Engineering conducted the webinar on 12.06.2020, the Speaker of the Day was Dr. K. Sundararaj, Professor and HoD, KCT-Coimbatore. He presented the topic on “Compressible Flows with/without Shocks”. He discussed the concept of Compressible flows and how they react to different conditions such as with the formation of shockwaves and without any shockwave formations. He explained each type very well and it inspired the audience because of his well-versed knowledge in this field.



Department of Mechatronics organized a webinar on ‘Geometric Dimension and Tolerance’ on 13.06.2020. Dr.R.Ramesh, M.E., Ph.D., Professor, PSG Institute of Technology & Applied Research, Coimbatore discussed Automotive, Aerospace, Manufacturing, and other industries which are currently using Geometric Dimensioning and Tolerancing (GD&T) to clearly define product specifications to their manufacturers. He also explained the importance of improving communication between the designer, engineering, and manufacturing.



Department of IT conducted an Online Webinar on the topic “How to gain experience and pocket money during COVID-19 situation” on 13.06.2020. The chief guest of the program was M.Sivakumar, III B.Tech IT, Paavai Engineering College.

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
In Association With  
**Institution of Engineers (India), Salem Local Centre**

**WEBINAR SERIES-1**  
RECENT TRENDS IN SEMICONDUCTOR INDUSTRY AND ASIC VERIFICATION

ON JUNE 13<sup>TH</sup>, 4.00 PM

RESOURCE PERSON:  
**LAVANYA AYIRARAMU**  
IC VERIFICATION ENGINEER,  
STIMULUS AUTOMATION Pvt Ltd

REG LINK:  
<https://forms.gle/Ey8B9jMCWd9kwyYA>

CONTACT : 984536293

FREE REGISTRATION  
E CERTIFICATE WILL BE PROVIDED

Prof. M.SUDHA, HOD/ECE, CONVENER  
RAVISHANKAR KANDASAMY, Asst.Prof/ECE, COORDINATOR

The Department of Electronics and Communication Engineering, in association with the Institution of Engineers (India), Salem Local Center had organized an online webinar on “Recent Trends in Semiconductor Industry and ASIC Verification” on 13.06.2020. Dr.M.Sudha, Head of the Department, ECE was the convener of the function. Ms. Lavanya Ayiraramu, IC Verification Engineer, Stimulus Automation Pvt., Ltd., was the resource speaker. She explained the requirements in the Very Large Scale Industry (VLSI) and the steps involved in ASIC Verification Process Mr.Ravishankar Kandasamy gave the vote of thanks.

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**Department of Aeronautical Engineering**  
Organizes  
**A FIVE DAYS WEBINAR SERIES**  
On  
**An Overview of Aeronautical Sciences**

Speakers:

DAY 1: 09.06.2020  
“RECENT RESEARCH IN AERODYNAMICS”  
Dr. S. Nandana Pillai, Associate Professor/Aero, Sastra University, Thanjavur, Tamilnadu

DAY 2: 10.06.2020  
“BASIC ASPECTS OF COMPUTATIONAL FLUID DYNAMICS & IT'S APPLICATIONS”  
Dr. J. Pravin Kumar, Associate Professor/Aero, Kongu Engineering College of Technology-Covimbanase

DAY 3: 11.06.2020  
“ADVANCES IN FLUID MECHANICS”  
Dr. J. Devisu Rajapin Rose, Assistant Professor/Aero, Anna University Regional Campus, Tirunelveli

DAY 4: 12.06.2020  
“COMPRESSIBLE FLOWS WITH/WITHOUT SHOCKS”  
Dr. K. Nandana, Professor & HOD/Aero, Kongu Engineering College of Technology-Covimbanase

DAY 5: 13.06.2020  
“OPPORTUNITIES AND PROGRESS OF AIRLINE SECTOR IN INDIA”  
Dr. R. Santhanakrishnan, C&E & Professor/Aerospace, Amity University, Mumbai, India

Convener : Dr. R.Aravind HOD/Aero, paavaihod@paavai.edu.in  
Co-Ordinator : P.Karthikeyan, AP/Aero, +919500398819

Registration is free & Mandatory.  
E-Certificate will be provided.

Registration Link: <https://cart.hs-nx2529a2/>  
NOTE: Webinar Link will be shared to registered Mail-id

The Department of Aeronautical Engineering conducted the webinar on 13.06.2020, the Speaker of the Day was Dr. R. Santhanakrishnan, COE, and Professor, Aerospace Engineering, Amity University-Mumbai. He presented the topic on “Opportunities and Progress of Airline sector in India”. He discussed the opportunities in the Indian Airline sector and how it will progress in the future.

**PAAVAI ENGINEERING COLLEGE**  
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NH-44, Namakkal, Tamilnadu, India

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
Organizes  
**Alumni Webinar**  
**POWER SYSTEM OPERATION PROCESS**

DATE: 18.06.2020 | TIME: 3:00 – 4.00 PM

**PRASANTH MURALI**  
Operational engineer IL&FS power plant, Cuddalore.

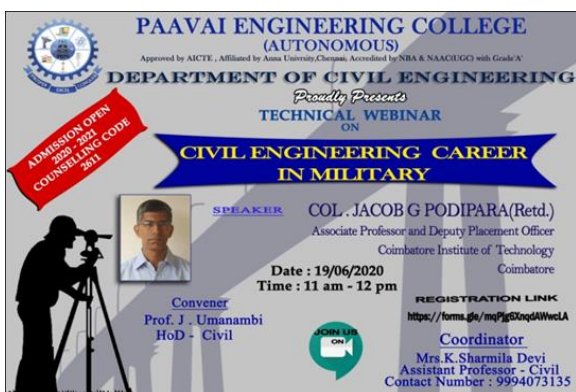
Join Google Meet  
<https://meet.google.com/ude-zhb-vgf>

E – CERTIFICATE WILL BE ISSUED

Paavai Engineering College, Department of Electrical and Electronics Engineering organized an Alumni Webinar “Power System Operation Process” on 18.06.2020. The Speaker of the day was Mr.Prasanth Murali, Operational Engineer, IL&FS Power Plant. Cuddalore.



The Department of Mechanical Engineering organized a one-day webinar on “Challenges in metal additive manufacturing” on 19<sup>th</sup> June 2020. The chief guest, Dr. A.Vinoth Jebaraj, Associate Professor, Department of Design and Automation, VIT enlightened the Challenges in metal additive manufacturing. He explained how additive manufacturing is utilized to produce complex-shaped components. He also briefed about the classification of additive manufacturing and its working principle. He finally explained the application of additive manufacturing in various industries. The webinar helped the students as well as faculty members to understand the new technology. The session was very informative and interesting.



A Technical webinar on “Civil Engineering, Career in Military Service” was organized by the Department of Civil Engineering on 19.06.2020. Col.Jacob G Podipara (Retd.,) Associate Professor and Depute Placement Officer in Coimbatore Institute of Technology, Coimbatore was the resource person. The guest speaker gave a brief presentation on the Role of Civil engineers in the Army, Navy, and Air Force and also explained the selection process at SSBs and its procedure



A One Day National Webinar organized by the Department of Electrical and Electronics Engineering on “Electric Vehicle Integration” dated 20.06.2020. The welcome address was delivered by Dr.G.Balaji, HoD/EEE. The Guest Speaker of the event was Dr.Pushpendra Singh. Associate Professor, JK Lakshmi Pat University, Jaipur. The session was much useful to students.



6<sup>th</sup> International Yoga Day on 21.06.2020 was celebrated. Under the guidance of the National Service Scheme and Physical Education, more than 100 students participated in the event of celebrating International Yoga Day in their homes due to Covid-19. Mr.C.Rathnakumar, NSS Programme Officer, and Mr.Elavarasan, Yoga Master, actively participated in this function. All the students performed the fundamental Asanas in Yoga. At the end of the program, an oath was taken, to do Yoga regularly at least for 30 minutes every day.

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
In Association With  
Paavai Association of Communication Engineers (PACE)

**WEBINAR SERIES-2**  
COGNITIVE RADIO: AN INTELLIGENT WIRELESS COMMUNICATION SYSTEM

ON JUNE 21<sup>st</sup>, 4.00-5.00 PM

RESOURCE PERSON:  
Mrs.M.SARASWATHI  
Associate Professor/ECE  
Panimalar Engineering College  
Prof. M.SUDHA , HoD/ECE  
CONVENER



COORDINATORS  
1. RAVISHANKAR KANDASAMY, AP/ECE  
2. S.LOGANATHAN , AP/ECE

MEETING URL: <https://meet.google.com/fuu-eevsn-tp>

FREE REGISTRATION

The Department of Electronics and Communication Engineering, in association with the Paavai Association of Communication Engineers (PACE), organized an online webinar on “Cognitive Radio: An Intelligent Wireless Communication Systems” on 21.06.2020. Dr.M.Sudha, Covener, and Head of the Department, ECE presided over the function. Mrs.M.Sarawathi, Associate Professor, ECE, Panimalar Engineering College was the resource speaker. She elucidated about Cognitive Radio and Intelligent Wireless Communication Systems. Mr.Ravishankar Kandasamy and Mr.S.Loganathan was the coordinator of the webinar.

**PAAVAI ENGINEERING COLLEGE**  
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NH-44, Pachal, Namakkal, Tamilnadu, India

Department of Electrical and Electronics Engineering  
Organized

International one-day webinar on  
“PV application overview and it's trends”

Er. Suresh Thangavel  
Global Applications Manager,  
Infineon Technologies India Pvt Ltd,  
Germany.

Join Google Meet  
<https://meet.google.com/fuu-eevsn-tp>

Thursday 25<sup>th</sup> June 2020 at 2.00 pm. IST

W33 Warm regards

Dr.S.Rajal, HoD, EEE  
9842501180

Dr.A.Rathnam  
98222881

1. Certificate provided for the participants  
2. After completing the feedback form, you will get an E-Certificate on your registered email within few minutes.

Department of Electrical and Electronics Engineering organized a One Day International Webinar “PV Application Overview and It's Trends” on 25.06.2020. The resource person of the program was Er. Suresh Thangavel, Global Application Manager, Infineon Technologies India Pvt Ltd, Germany.



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INVITES YOU TO ATTEND THE  
**WEBINAR ON "ELECTRO-CHEMICAL MACHINING AND ITS APPLICATIONS"**  
CONDUCTED BY  
**DEPARTMENT OF MECHATRONICS**

DATE : 25<sup>th</sup> JUNE  
TIMING : 2.30 PM - 4.30PM

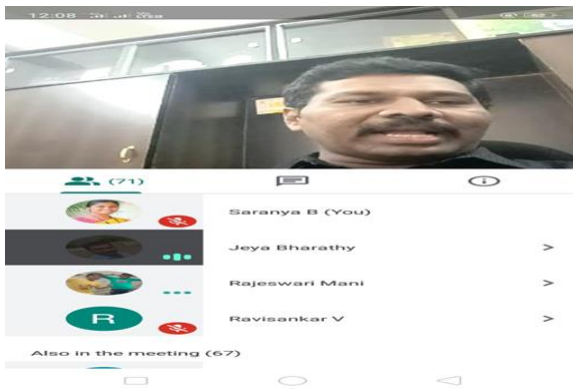
With Warm Regards  
Dr.D.R.P. RAJARATHNAM – HOD/MCT  
MR. S.MANTIKANDAN – AP/MCT  
☎ 9894107888

QR CODE FOR REGISTRATION

**RESOURCE PERSON**  
Dr. T. SEKAR  
ASSOCIATE PROFESSOR  
DEPARTMENT OF MECHANICAL ENGINEERING  
GOVERNMENT COLLEGE OF TECHNOLOGY COIMBATORE 641013

NOTE:  
○ NO REGISTRATION FEES  
○ E-CERTIFICATE WILL BE PROVIDED TO ALL THE PARTICIPANTS

Department of Mechatronics organized a webinar titled ‘Electro-Chemical Machining and Its Applications’ on 25.06.2020. Dr.T. Sekar, M.E., Ph.D. Associate Professor, GCT-Coimbatore was the guest speaker. His lecture helped the students to understand fundamental principles in Electro-Chemical Machining processes, and aid students in securing foundational insights into concepts they might not otherwise find from a traditional lecture.



A Technical webinar on “An Approach To Better Qualified Civil Engineering 2020” was organized by the Department of Civil Engineering on 26.06.2020. Jc.Er.A.S.Jeyabharathy, proprietor of JB Construction, Correspondent on SP Modern School, Viruthunagar was the speaker. The guest speaker explained about the civil engineering field and how to become a better qualified civil engineer to the students.

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Department of Mechanical Engineering  
Presents  
**ONLINE WEBINAR ON**  
**CREATING A LEAN CULTURE**

DATE: 27<sup>th</sup> JUNE, SATURDAY  
TIME: 9 AM - 11:30PM

NO REGISTRATION FEE  
LIMITED SEATS  
FIRST COME FIRST SERVED BASIS

**RESOURCE PERSON**  
Mr. SHARVAN KUMAR S.E., M.S.A.  
LEAN EXPERT

E-CERTIFICATE WILL BE PROVIDED TO ALL PARTICIPANTS

Register Now

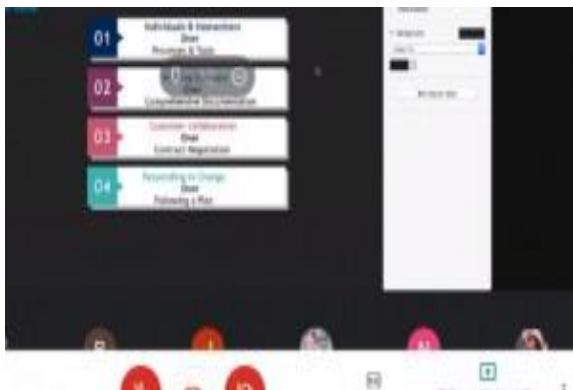
Coordinator: Prof. A.P. Sivasubramaniam  
Department of Mechanical Engineering  
PAAVAI ENGINEERING COLLEGE

Organized by:  
Dr. V. Subburam  
Department of Mechanical Engineering  
PAAVAI ENGINEERING COLLEGE

Co-Organized by:  
Dr. V. Subburam  
Department of Mechanical Engineering  
PAAVAI ENGINEERING COLLEGE

QR CODE FOR REGISTRATION

The Department of Mechanical Engineering organized a webinar on “Creating A Lean Culture” on 27.06.2020. The Guest Speaker was Mr.S.Sharvan Kumar, Lean Expert; The webinar was convened by Professor & Head of the Department, Prof.A.P.Sivasubramaniam, and coordinated by Professor Dr.K.Sundaramurthy and Dr.V.Subburam. Mr.S.Sharvan Kumar, in his presentation, detailed the evolution of ‘Lean Culture’ all over the world and especially in India. He also explained that lean culture is required to reduce waste, reduce energy consumption and increase productivity.



The Department of Information Technology organized an Online Webinar titled “Practical Approach towards design cloud architecture” from 29.06.2020 to 01.07.2020. Mr. M Suresh, Solution Architect, VMG Digital Private Limited, Chennai was the Chief Guest.



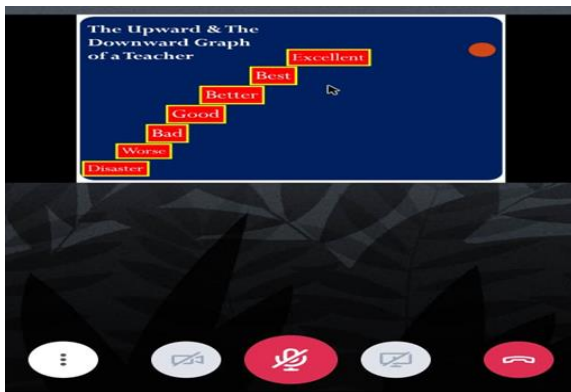
A One-day International webinar was organized by the Department of Electrical and Electronics Engineering on “Recent Trends in Global South Cooling” dated 29.06.2020. The welcome address was delivered by Dr.G.Balaji, HoD/EEE. The Guest Speaker of the event was Dr.K.Balaji, Assistant Professor, VIT, Vellore.



Department of Electrical and Electronics Engineering organized a one-week Faculty Development Program on “Recent Advancements in Green and Sustainable Energy” from 29.06.2020 to 03.07.2020. The event was inaugurated by Dr.K.K.Ramasamy, Director Admin, and Dr.M.Premkumar, Principal welcomed the gathering. Resource persons were Dr.S.Manikandan, SRM University. Dr.K.Jagatheesan, Paavai Engineering College. Dr.V.S.Vigneswaran, Anna University, Chennai. Dr.D.Sakthivadivel, VIT, Vellore and Dr.V.Gayathri, VIT, Vellore.



The Department of Mechanical Engineering conducted a webinar on “Engineering Projects and Employable Skills” on 03.07.2020 to educate the students about employable skills. Industrial expert Dr.P.Jeyapooan, Professor, Department of Mechanical Engineering, Hindustan University, Chennai was the Guest Speaker of the day. Professors Dr.K.Sundaramurthy and Dr.V.Subburam coordinated the webinar. The guest speaker gave input to the students on the significance of engineering projects and how to develop employable skills. The students benefited immensely from the Programme.



The Department of Electronics and Communication Engineering in association with the Institution Innovation Council had organized an online webinar on “Things to do in your 20’s to be Successful” on 03.07.2020. Dr.M.Sudha, Convener and Head of the Department, ECE presided over the function. The Chief Guest, Dr.M.Issa Fathima Jasmine, Consultant Orthodontist, Founder, Ayyamittu Unn, CHRO, Dynamic Netsoft Technologies was the resource speaker. Mr.Ravishankar Kandasamy and Mr.S.Loganathan was the coordinator of the webinar.



Department of Information Technology organized a five-day Faculty Development Programme on “Future Scope in IT” from 6th July 2020 to 10th July 2020 through online mode. Mr.B.Venkatesan, HoD/IT welcomed the gathering. The resource persons were from various reputed colleges. They addressed the future scope of the IT field in a detailed manner. It was a wonderful learning experience.



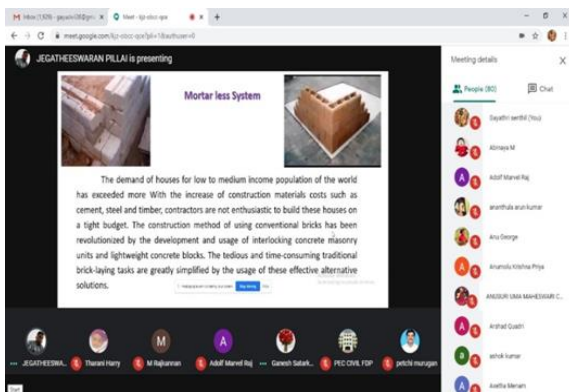
The Department of Electronics and Communication Engineering organized an online “Digital Electronics Quiz” to enrich students’ knowledge and to allow them to participate in online events on 07.07.2020 and 08.07.2020. Mrs.E.Sangeetha, Assistant professor, ECE, and Mr.G. Nandhakumar, Assistant professor, ECE were the coordinators. E-certificates were issued to all the participants who secured above 50% of marks.



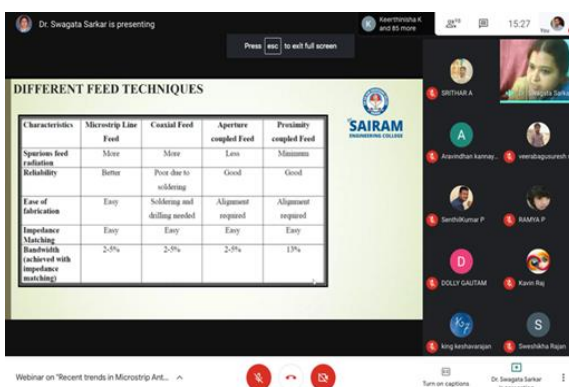
The Department of Electronics and Communication Engineering in association with the Institution Innovation Council organized an online webinar on “Recent trends in Embedded System (Automotive Domain)” on 11.07.2020. Dr.M.Sudha, Convener, and HOD, ECE presided over the function. The Chief Guest, Dr.Karthik Kandasamy, Technical Leader, Veoneer Automotive India Ltd., explained the opportunities in the Automotive sector of Embedded systems. Mr.K. Ravishankar and MS.S. Pavia was the coordinator of the webinar.



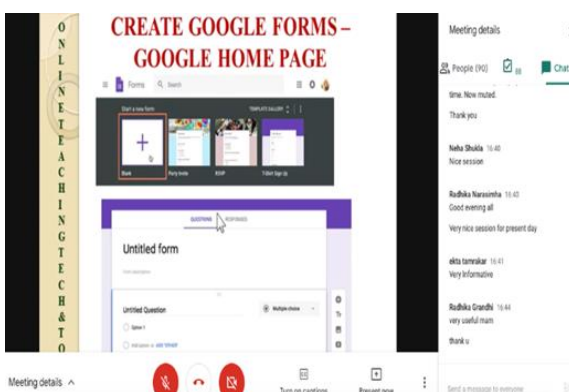
Department of Electrical and Electronics Engineering organized a one-day National webinar on “Data Analytical in Electrical Engineering” on 11.07.2020. The resource person of the day was Ms. Fahmidha Fathima, CTS, Chennai. The Program was inaugurated by Dr.G.Balaji, HoD/EEE.



A five-day Faculty Development Program on “MODERN DEVELOPMENTS IN CONCRETE AND CONSTRUCTION AREAS” was organized by the Department of Civil Engineering from 14.07.2020 to 18.07.2020. The resources persons from various reputed colleges gave their brief presentation on Research areas in Civil Engineering, Modern construction practices, Mechanically stabilized earth walls, Concrete Materials, and Studies on the Reuses of industrial effluent for construction purposes.



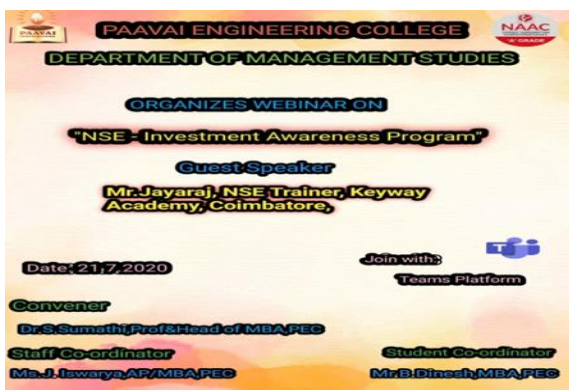
The Department of Electronics and Communication Engineering in association with the Indian Society for Technical Education (ISTE) had organized an online webinar on “Recent trends in Microstrip Antenna Technology” on 15.07.2020. Dr.R.Mohana Priya, Associate Professor, ECE gave the welcome note and introduced the Chief Guest, Dr.Swagata Sarkar, Professor & Head, Department of Artificial Intelligence, Sri Sairam Engineering College, Chennai. In her lecture, she gave an introduction about “Antennas and Microstrip Antennas”. Vote of thanks was given by Dr.R.Mohana Priya, Associate Professor, ECE. This webinar was telecasted on YouTube.



The Department of Electronics and Communication Engineering in association with IFERP had organized an online webinar on “Online Teaching Techniques and Tools” on 18.07.2020. Dr.R.Mohana Priya, Associate Professor, ECE gave the welcome note and introduced the Guest speakers, Dr.A.Kalaivani, Associate Professor, CSE Saveetha School of Engineering, Chennai, and Dr.Vishaldatt Kohir, Professor, Mechanical Engineering, KBN University, Bangalore.



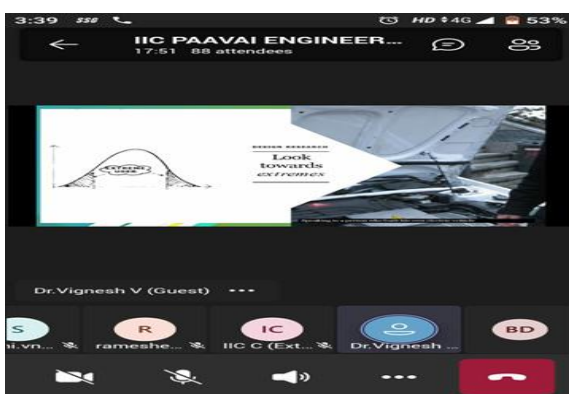
Department of Mechanical Engineering organized a webinar on “Evolution Of Manufacturing Technology For Heavy Vehicles” on 18.07.2020, Saturday from 3:00 pm to 4:00 pm. Mr.R.Padmarajan, Production Manager, BEML Ltd. Mysore was the resource person and alumni of our department. This session created awareness about the global challenges in the evolution of manufacturing technology for heavy vehicles. He explained the machinery, materials, and working principles involved in the manufacturing of heavy vehicles.



A webinar on ‘NSE - Investment Awareness Program’, was organized on 21.7.2020 by the Department of Management Studies and the chief guest was Mr. Jayaraj, NSE Trainer, Keyway Academy, Coimbatore, discussed the various investment avenues.



The Department of Mechanical Engineering organized a webinar on “Recent advances in manufacturing” on 22.07.2020. The facilitator was Dr.G.L.Samuel, Professor, Department of Mechanical Engineering, IIT Madras. The guest speaker described the state-of-the-art technologies involved in the manufacturing of materials in modern times. Students were exposed to the advancements in manufacturing technologies through video clippings by the guest speaker. This session was well received by the students.



Paavai Engineering College in association with Institution’s Innovation Council and Entrepreneurship Development Cell organized an online webinar on “Turn Court on Impact of COVID-19 on Entrepreneur and Businessman” on 08.08.2020. Dr.K. Sundara Murthy, Innovation Ambassador, Professor, Mechanical & Vice President IIC PEC was the guest speaker. The Presidential Address was given by Dr.M. Premkumar, Principal. The guest speaker gave a few suggestions and ideas to conduct turncoat and appreciated the students.



A One-day webinar on “Introduction to Middleware Development” was conducted by the Department of MCA on 08.08.2020. Mr.Singara Vadivel, Associate Manager, Texas, USA was the chief guest. He gave detailed information about the Middleware concept.



Celebration of our Independence Day on 15.08.2020. Due to Covid-19 our staff members and students who are residing nearby the college participated in this function. At the end of the program, the Independence day oath was taken by our students. Our NSS volunteers planted siblings in their residing areas.

**ALUMNI GUEST WEB SERIES**  
Academic year 2020-21 Lecture : 02

**Ms. Menaka Priyadarshini Baskar**  
Accenture  
Associate Software Engineer  
Chennai

**ALUMNI**  
Paavai Engineering College  
ECE (2014-2018)

**Enrich Your Skills in Cloud Before Being a Graduate**  
DATE : 16.08.2020 (Sunday)  
Session Timing : 4.00pm - 5.30pm  
Students who are interested to participate, please register with your Department for the Session - Department Should Send the Registered Names of the Students to Mrs.P. Renukadevi, Co-ordinator, Paavai Alumni Association, 9865154751.  
(Seats Limited to 30\* (in addition to the scheduled ECE students))

Co-ordinators  
Mrs. E.Sangeetha ASPECE  
Mr.Ravishankar Kandasamy APECE

Meeting URL : <https://meet.google.com/rz-vksh-grj>

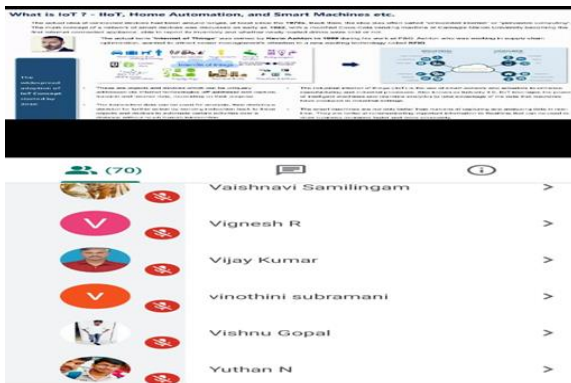
The Department of Electronics and Communication Engineering has organized an alumni web series-lecture 02 titled “Enrich Your Skills in Cloud Before Being a Graduate” on 16.08.2020. Dr.M.Sudha, Head of the Department, ECE presided over the meeting, Ms. Menaka Priyadarshini Baskar, Associate Software Engineer, Accenture, Chennai was the resource speaker. She explained about skill enrichment in cloud computing before being a graduate. She also gave tips regarding the design and development of applications on the cloud. Mr.K. Ravishankar Kandasamy, Alumni coordinator/ECE, and Mrs.P. Renukadevi, Paavai Alumni Association coordinator, organized the alumni series.



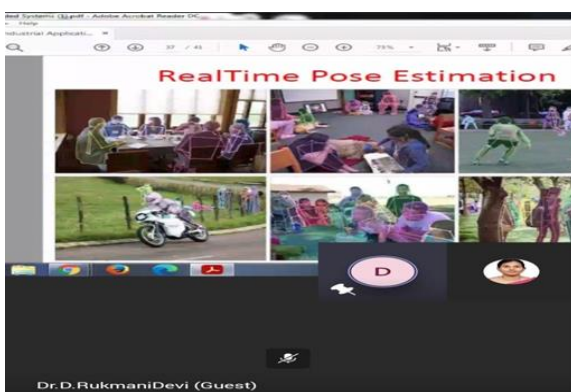
A One-day webinar on “Data Science and its Applications” was conducted by the Department of MCA on 17.08.2020. Mr.Rajasekaran, Mr.Shaik Mastan, Information Technology, IBRI College of Technology, Omon was the chief guest. He gave detailed information about the Data Science concept.



Department of Electrical and Electronics Engineering organized a one-day National Conference on Smart Technology in Power Electronics and Power Systems (NCSTPP'20) on 21.08.2020. The Conference was inaugurated by Dr.K.K.Ramasamy, Director Admin. Dr.M.Premkumar, the Principal, gave a welcome note. The Keynote speaker of the conference was Dr.K.Logavani, GCE, Salem, Vote of thanks delivered by Dr.G.Balaji, HoD/EEE.

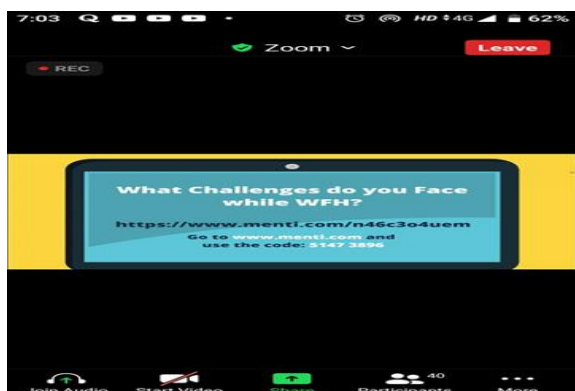


The Department of Electronics and Communication Engineering organized an online guest lecture on “Internet Of Things: Present And Future” on 26.09.2020. Mr.S.Sunilkumar, Technology Strategy Architect, Decoding & Coding, E2E Technology was the guest speaker. He gave an insight into the Internet of Things, its applications in Home Automation and smart machines, explained the areas of development and skillsets in demand.



The Department of Electronics and Communication Engineering has organized an online guest lecture on “Industrial Applications Of Embedded Systems” on 10.10.2020. Dr.R.Mohana Priya, Associate Professor ECE gave the welcome note. Ms.Supraja from the Third year ECE introduced the Chief Guest Dr.D.Rukmani Devi, Professor,ECE, R.M.D Engineering College. In her lecture, she gave an introduction about Microprocessor and Microcontroller and the differences between the two. She also highlighted the importance of Embedded Systems. The vote of thanks was delivered by Mr.Yuthan from the Third year of

ECE.



Paavai Engineering College in association with Institution's Innovation Council and Entrepreneurship Development Cell organized an online webinar "KAPILA: Kalam Program for IP Literacy and Awareness" from 15/10/2020-23/10/2020. Dipan Sahu, Asst. Innovation Director, Ministry of Education's Innovation Cell & AICTE was the guest speaker. The welcome address was given by Ms.R. Charulatha and the presidential address was given by Dr.M. Premkumar, the Principal. Then the guest gave the keynote address and a Vote of thanks was given by Ms.B. Sathyaa.



Department of Computer Science and Engineering Organized a Guest Lecture Entitled "Data Science - Machine Learning" held on 19.10.20 through the Microsoft Teams Platform. The Resource person was, Cherukuri Ravindranath Cherukuri, Prof & Head Christ (Deemed to Be University), Karnataka. The Session was presided over by Dr.M.Premkumar, the Principal and he delivered his presidential address. The Resource Person, Mr.Ravindranath C Cherukuri addressed the gathering about "Data Science Technologies". The session was more interactive and students gained more knowledge regarding data analytics. The session ended with the vote of thanks delivered by Mr.M.Sathishkumar, third-year CSE.



Department of Computer Science and Engineering Organized a Seminar Entitled "Data Science With R" held on 20.10.2020 through the Microsoft Teams Platform. The Resource person was, Rajkumar Kalaimani, Senior Systems, Engineer, Infosys Ltd, and Chennai. The Session was presided over by Dr.M.Premkumar, Principal and he delivered his presidential address. The Resource Person, Rajkumar Kalaimani addressed the gathering about "R Programming" and he also explained about R - Programming in data science. The session was more interactive and students gained more knowledge regarding data analytics. The session ended with the vote of thanks given by Ms.R.Divya, Assistant Professor/CSE.





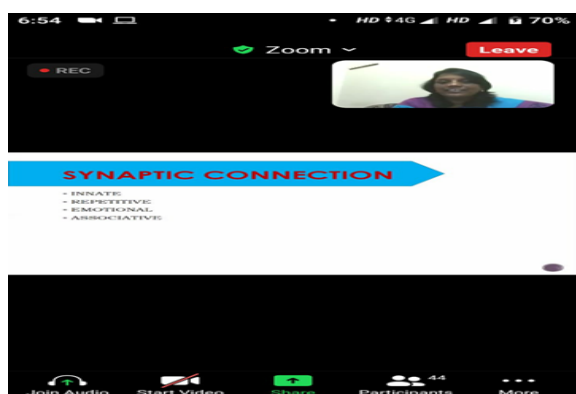
A Webinar titled, 'Today's Reality And The Path Ahead For Insurances' was organized by the Department of Management Studies, on 23.10.2020 and the Resource person was Prof. Dr. K. Prakasham, M.E., Ph.D., Director of Keyway Academy, Prof. in Sanmati Engg. College, Wasim, Maharashtra. He ignited the students with his speech and was a source of motivation for the MBA students.



A Guest lecture on "Environment Impact Assessment (EIA) For Building And Construction Projects" was organized by the Department of Civil Engineering on 02.11.2020. Er. N. Senthil Kumar, B.Tech, MS, MBA, MIE, Global lab and Consultancy Services, Alagapuram pudu, Salem was the chief guest. The guest speaker gave a brief presentation on construction projects' impacts on the environment.



Department of Mechatronics organized a webinar on 'Industrial Actuators with PLC Control' on 06.11.2020. Dr. M. Maheswaran, Associate Professor, Nehru Institute of Engineering and Technology, Coimbatore was the guest speaker. He gave a brief explanation about automation which is the delegation of the human control function to technical equipment. He also explained the use of control systems such as computers, PLCs, Microcontrollers to control machinery and processes to reduce the human humans.



Paavai Engineering College in association with Institution's Innovation Council and Entrepreneurship Development Cell organized an online webinar "Creating Your Path to Success" on 21/11/2020. Mr. Ullas Pazhampilath, Manager, Global Services Operations was the guest speaker. The presidential address was given by Dr. M. Premkumar, Principal. Then the guest gave a keynote address about the different ways to achieve success in life.

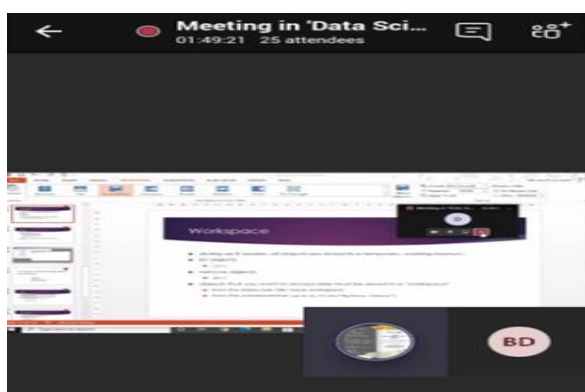




Paavai Engineering College in association with Institution's Innovation Council and Entrepreneurship Development Cell organized an online webinar on "Design Validation through various models of design validation" on 09.12.2020. Dr.D. Banumathy, Professor, CSE & Convenor, IIC PEC was the guest speaker. The welcome address was given by Ms.R.Charulatha and the presidential address was given by Dr.M. Premkumar, Principal.



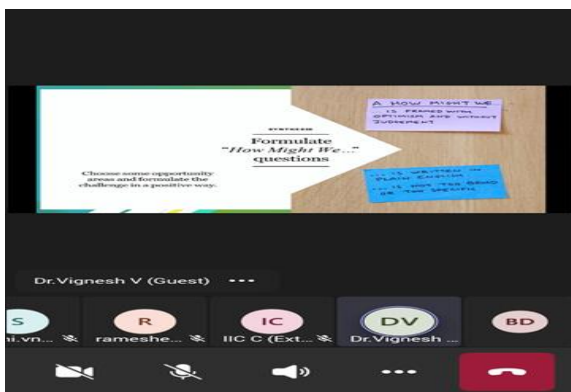
Department of Computer Science and Engineering organized a Workshop Entitled "Setting up Environment and Programming with Python" held on 10.12.2020 through the Microsoft Teams Platform. The Resource person was, Dr.R.Srinivasan, SRM Institute of Science and Technology, Chennai. The Session was presided over by Dr.M.Premkumar, Principal and he gave his presidential address. The Resource Person, Dr.R.Srinivasan addressed the gathering about "Python Programming". The session was more interactive and students gained more knowledge regarding Python. The session ended with the vote of thanks delivered by P.Renukadevi, AP/CSE.



Department of Computer Science and Engineering organized a Guest Lecture Entitled "Importance of Probability and Statistics in Data Science" on 11.12.2020 through the Microsoft Teams Platform. The Resource person was Dr.J.Somasekar Prof&Head, Gopalan College of Engineering And Management, Bangalore. The Session was presided over by Principal Dr.M.Premkumar. The Resource Person, Dr.J.Somasekar addressed the gathering about "Data Science". The session was more interactive and students gained more knowledge regarding Probability and statistics.



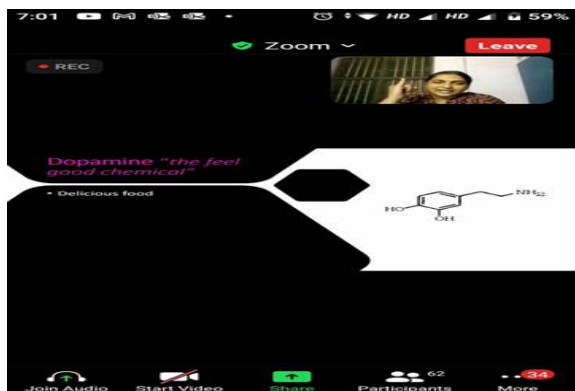
Paavai Engineering College in association with Institution's Innovation Council and Entrepreneurship Development Cell organized an online webinar "Workshop on Design Thinking, Critical thinking and Innovation Design" on 15.12.2020. Dr.D.Banumathy, Professor, CSE & Convenor, IIC PEC was the guest speaker. The welcome address was given by Ms.R. Charulatha and the presidential address was given by Dr.M. Premkumar, Principal. Then the guest gave a keynote address about Critical thinking and she explained about Innovation design and its utilization.



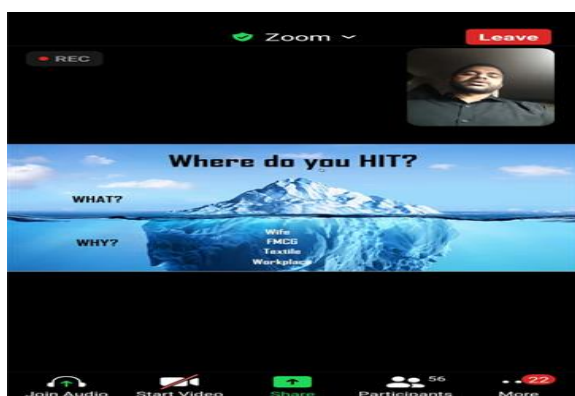
Paavai Engineering College in association with Institution's Innovation Council and Entrepreneurship Development Cell organized an online webinar on Workshop on "Entrepreneurship and Innovation as Career Opportunity" on 16.12.2020. Mr.Murali Rajasekar, TEDx Speaker was the chief guest. The welcome address was given by Ms.R. Charulatha and the presidential address was given by the principal Dr.M. Premkumar. The guest speaker stressed the importance of Entrepreneurship and Innovation, the skillset in demand, and the career opportunities in different sectors.



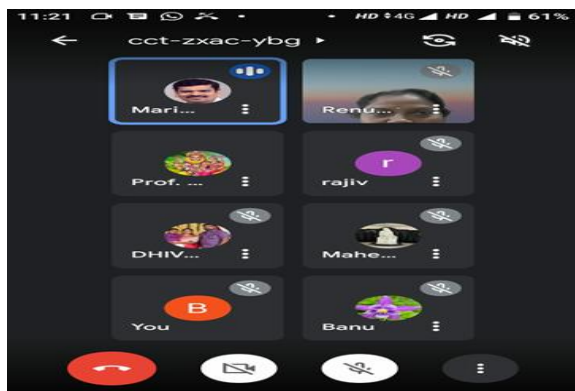
Paavai Engineering College in association with Institution's Innovation Council and Entrepreneurship Development Cell organized an online webinar on "An Awakening Story of My Journey as Entrepreneur" on 17.12.2020. Mr.Raj Vanyr, Founder, CEO of STARZ Ventures was the guest speaker. The welcome address was given by Ms.R.Charulatha and the presidential address was given by the principal Dr.M. Premkumar. Then guest gave his keynote address about the Entrepreneur, the different risks of starting a new business venture, and the opportunities available.



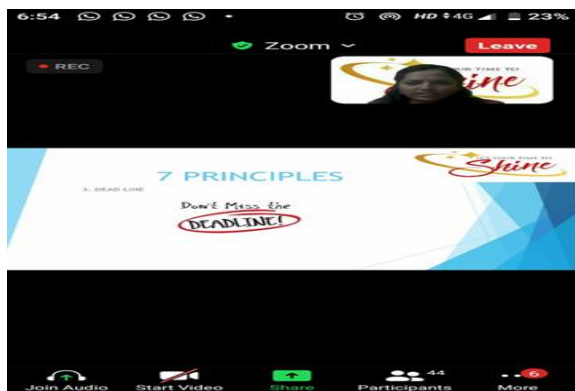
Paavai Engineering College in association with Institution's Innovation Council and Entrepreneurship Development Cell organized an online webinar on "A Remarkable Accomplishments of My Career" on 18.12.2020. Dr.S. Ashok, Managing Director, Saravana Hospital was the guest speaker. The welcome address was given by Ms.R. Charulatha and the presidential address was given by the principal Dr.M. Premkumar. Then guest gave the keynote address and the Vote of thanks was given by Ms.B. Sathyaa.



Paavai Engineering College in association with Institution's Innovation Council and Entrepreneurship Development Cell organized an online webinar on "To Win in the Business Runway from Competition" on 19.12.2020. Mr.M. Nataraj, Director Urban Homes a unit of RNP Worldwide Pvt Ltd was the resource person. The presidential address was given by the principal Dr.M. Premkumar. Then guest gave the keynote address.



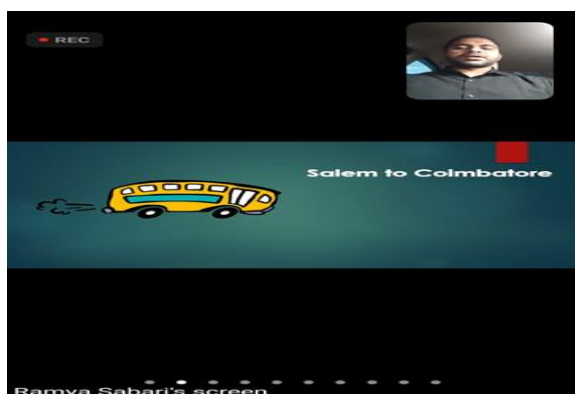
Paavai Engineering College in association with Institution's Innovation Council and Entrepreneurship Development Cell organized an online webinar on "Motivation Session by Successful Opportunities Available in Aerospace and Defence Sectors." on 21.12.2020. Mr.R. Sundaram, Founder & Managing Director, Aerospace Engineering Pvt Ltd was the chief guest. The welcome address was given by Ms.R. Charulatha and the presidential address was given by the principal Dr.M. Premkumar. The resource speaker explained the opportunities available in the Aerospace and Defence Sectors.



Paavai Engineering College in association with Institution's Innovation Council and Entrepreneurship Development Cell organized an online Workshop on “My Story - Motivational Session by Successful Innovators” on 22.12.2020 presented by Mr.D.Eregamani, Founder, Director MAPLE Tech Solutions, Hosur & Chennai. The presidential address was given by Principal Dr.M. Premkumar. Then guest gave a keynote address and she explained the seven principles for becoming a successful innovator.



Paavai Engineering College in association with Institution's Innovation Council and Entrepreneurship Development Cell organized an online webinar on “My Story Motivational Session by Successful Innovators” on 22.12.2020. Mr.D. Eregamani, Founder, Director of MAPLE Tech was the guest speaker. The welcome address was given by Ms.R. Charulatha and the presidential address was given by Principal Dr.M. Premkumar. Then the chief guest gave a keynote address and Vote of thanks delivered by Ms.B. Sathya.



Paavai Engineering College in association with Institution's Innovation Council and Entrepreneurship Development Cell organized an online webinar on “Workshop on Entrepreneurship Development Phases” on 24.12.2020. Mr.V. Sridharan Venkataramanan, Associate Vice President, Global logic was the guest speaker. The welcome address was given by Ms.R.Charulatha and the presidential address was given by Principal Dr.M. Premkumar. The guest speaker explained the different development phases for becoming a successful Entrepreneurship.



A three-day Orientation program was organized through online mode for the first-year MBA students, by the Department of Management Studies from 04.01.2021 to 06.01.2021. Totally nine sessions were handled.



A one-day online program titled 'Get, Set, Go Induction Program' was initiated and organized by the Department of Management Studies, for all the UG & PG freshers of Paavai Engineering College, 20.01.2021, powered by ICT Academy. The eminent speakers for the program included –

1. Dr. Murali Padmanabhan, Senior Vice-President, India Head Talent Management, Virtusa
2. Dr. Anbu Rathnavel, Chief Design Officer, Intellect Design Arena
3. Ms. Maya Sreekumar, Asst VP, Cognizant
4. Mr. Sharath Babu, Director, Product Development, Oracle
5. Dr. B. Anbuthambi, President, ICT Academy and
6. Sri CA. N. V. Natarajan, Chairman, Paavai Institutions.



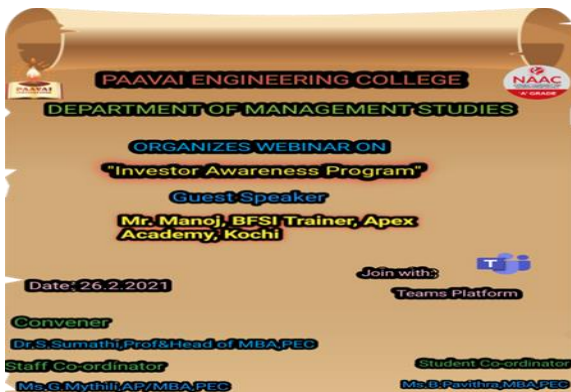
A One-day webinar on "Fundamentals of Java Framework" was conducted by the Department of MCA on 23.01.2021. Mr. Karthik Kennedy, Software Engineer, Atos Syntel, Chennai was the chief guest. He gave detailed information Java Framework concept.



Celebration of our Republic Day on 26.01.2021. Due to Covid-19 our staff members and students who are residing nearby the college participated in this function. At the end of the program, Republic Day oath was taken by our students.



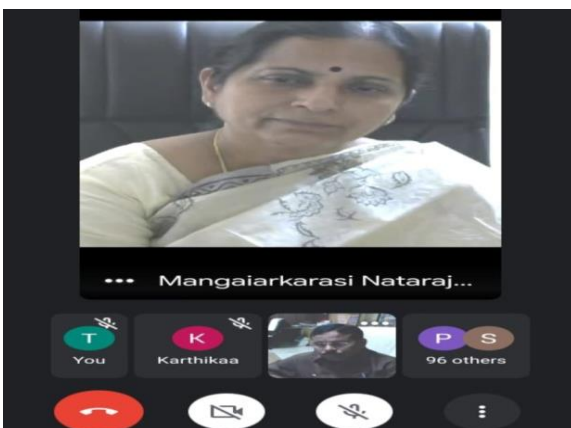
The COVID-19 lockdown measures, including social distancing norms and travel restrictions, the financial constraints, fear of contracting the virus at facilities, have negatively impacted the health-seeking behavior among pregnant women and new mothers. In this context, UNICEF (as funding & technical partner) and EKAM Foundation (as implementation partner) had proposed a project on ‘Adaptation and Continuity of RMNCH+A services with a special focus on Maternal and Newborn Health Services during COVID-19 in Tamil Nadu.’ Our college 37 NSS volunteers supported in a phone-based survey for the mother and child health status update based on the tools.



A Webinar titled ‘Investor Awareness Program’ was organized by the Department of Management Studies, on 26.02.2021, with the guest speaker Mr. Manoj, BFSI Trainer, Apex Academy, Kochi, for the Faculty members of Paavai Engineering College. About 105 staff members participated in this program.



Department of Mechatronics organized a webinar on ‘Deep Learning-The Past, Present and Future of Artificial Intelligence’ on 04.03.2021. Mr. T. Karthikeyan, KLEXE Robotics, Salem discussed the importance of the field which is booming in the recent trend. Totally 105 students were benefitted from the webinar.

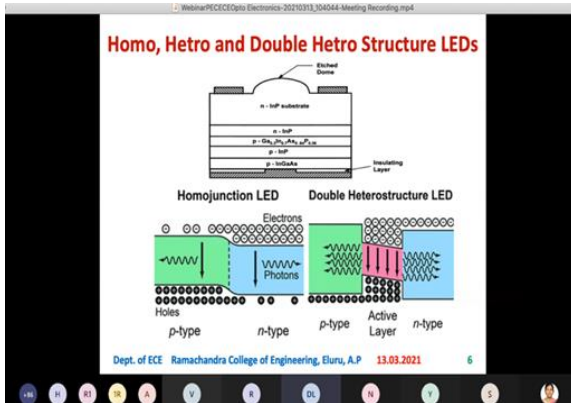


International Women’s Day was conducted on 08.03.2021 through Google Meet. Mrs. Mangai Natarajan, Correspondent, Paavai Institutions felicitated the gathering. In her felicitation, she expressed her happiness on heeding to the intrepid voices of the students after a long gap and said that women should feed their minds with good thoughts and make use of modern technologies in the right way for their growth.

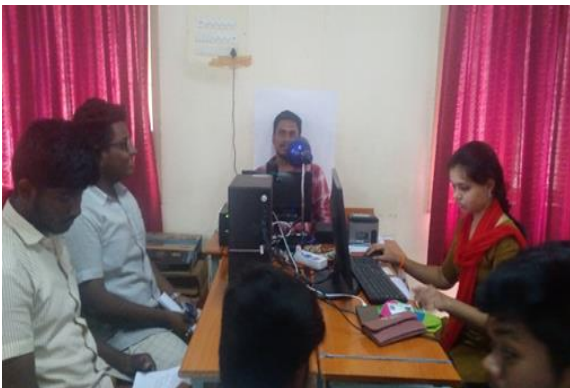




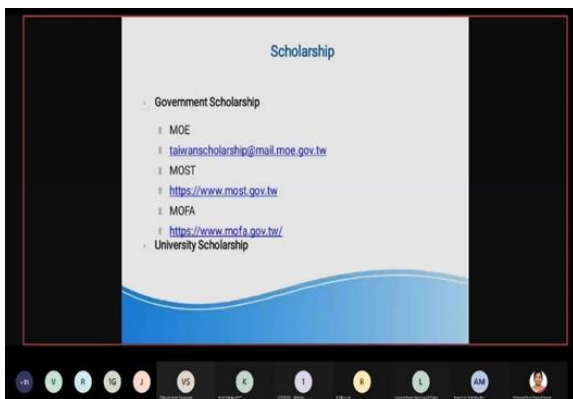
National Service Scheme-Health and Hygiene Club of Paavai Engineering College and Government Hospital, Namakkal jointly organized the COVID-19 Vaccination Campaign on 11.03.21 on the college premises. The staff members were vaccinated with COVISHIELD and 122 members got benefitted.



The Department of Electronics and Communication Engineering, Paavai Engineering College (Autonomous) has organized an online webinar on "Opto Electronics - Light sources and Display devices" on 13.03.2021. Ms.P.Durga, Final year ECE gave the welcome note. Mr.Yuthan, the Third year ECE introduced the Chief Guest, Dr.L.Bharathi, Professor & Head, ECE, Ramachandra College of Engineering, Andhra Pradesh. In his lecture, he gave an introduction to semiconductors and photonics. Finally, he clarified the queries posted by the students at the end of the session. The Vote of thanks was proposed by Ms.P.Keerthana from Third year ECE.



National Service Scheme and Namakkal Postal Division, Namakkal, jointly organized an Aadhaar Enrollment and Updation Special Camp held from 17.03.2021 to 19.03.2021 at college premises. This Special camp was conducted for registering the biometric details for the new Aadhaar card and making the corrections on the Aadhaar card such as Name, Date of Birth, Father Name, Address, and so on along with the valid proof documents. The intention of this camp Aadhaar the cardholder will no longer have to stand in long queues and pay any charge to get their address changed on the identity card. Totally 110 persons were benefitted from this program.



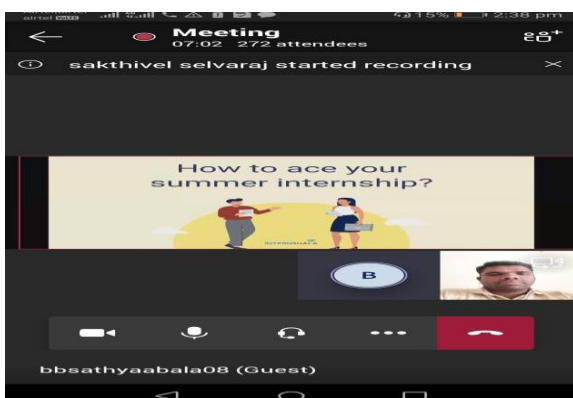
The Department of Electronics and Communication Engineering organized an Alumni Guest Series on “Career Opportunities for Higher Studies in Abroad” on 17.03.2021 through the virtual meet. Mr.B.Abirama Kannan from final year ECE welcomed the gathering. In the presidential address, Dr.M.Premkumar, Principal, motivated the students regarding the numerous opportunities available to cater to the needs of the students. Miss. Anusiya Marimuthu, the student, pursuing MS in Electrical Engineering, Researching in Optics (Geron Technology), Yuan Ze University, was the Alumni guest speaker.




On 18<sup>th</sup> March 2021, a Webinar on ‘Drafting Personal Constitution in Shaping Life’ was conducted by the Department of M.B.A of Paavai Engineering College. The chief guest was Cdr. A. Muthu, Retd Navy Officer. He highlighted the constitutional values in shaping one’s life.





National Service Scheme-Health and Hygiene Club of Paavai Engineering College and Government Hospital, Namakkal jointly organized the COVID-19 Vaccination Campaign on 20.03.21 on the college premises. The staff members were vaccinated with COVISHIELD and 60 members got benefitted.




Paavai Engineering College organized a seminar on “How to ace your Summer Internship?” in association with Internshala on 25<sup>th</sup> March 2021. Prof.B.Venkatesan, HoD, Information Technology, and Ms.B.Sathya Ms, R.Charulatha Second Year B.Tech/IT, Internshala Student Partner both addressed the gathering. The Seminar helps the students to understand various internships events elaborately.


**PAAVAI ENGINEERING COLLEGE**  
 (Autonomous Institution)  
 NH-7, Paavai Nagar, Pachal Post, Namakkal-637018

**WORLD WATER DAY 2021**  
**DEPARTMENT OF CIVIL ENGINEERING**  
 Presents Webinar on  
**WATER - AN ELIXIR OF LIFE**  
 Speaker

Date: 27/03/2021  
 Time: 12.00PM - 01.00PM  
 Join via Microsoft Teams


 Reg. Link:  
<https://forms.gle/aAHRCojad9zAsE6V7>


Dr.A.Ranganathan, M.E., Ph.D., M.I.E  
 Research Head,  
 Irrigation Management Training Institute,  
 Trichy-620015

Convenor:  
 Mrs.J.Umanambi  
 HoD/Civil

Coordinator:  
 Mr.A.Jayapal  
 AP/Civil

E-Certificates will be issued to active participants

A Webinar on “Water - An Elixir of Life” was organized by the Department of Civil Engineering on 27.03.2021. The resource person was Dr.A.Ranganathan M.E., Ph.d., M.I.E,(Research head Irrigation Management Training Institute), Trichy. The guest speaker gave a brief presentation on the Magical Powers of water and its needs in our day to life.


**Clinker Composition**

Property	C <sub>3</sub> S	C <sub>2</sub> S	C <sub>3</sub> A	C <sub>4</sub> AF
Early strength development	Rapid 1-7 Days	Slow 7 -28 Days	Very Rapid 6 Hr. - 7 Days	Negligible
Ultimate Strength	Medium	High	Low	~
Rate of hydration	Rapid (Hours)	Slow (Days)	Instantaneous	~
Heat of hydration	Medium 120 kJ/g	Low 63 kJ/g	Very high 207 kJ/g	Medium 100 kJ/g

CSH Gel      61 %      82 %      Strength Forming Compound

An Alumni webinar on “An Overview on Binding Material” was organized by the Department of Civil Engineering on 03.04.2021. Mr.D.Naveen (Batch 2013-2017), Technical Service Engineer, Dalmia Cement Bharat Limited, Coimbatore was the chief guest. The guest speaker gave a brief presentation on “An Overview on Binding Material” and its various specifications as per BIS.

Microsoft Teams

You're recording You are recording this meeting. Be sure to let everyone know that they are being recorded. Privacy policy

People

Invite someone

Share invite

Currently in this meeting (95)

- akthilal selvaraj, Organizer
- Magesh Bharathi, 9 (Guest)
- "Sartharathi" (Guest)
- "akshika" (Guest)
- (Anjan Kumar)9202055
- S.Charan, (Guest)

Others invited (2)

Suggestions (1)

The Department of Information Technology, Paavai Engineering College organized a one-day online webinar on “Innovation in Engineering” on 3rd April 2021. Mr. R.Rajkumar. Assistant Professor, Department Computer Science, and Engineering, SRM Institute of Science and Technology, Chennai was the resource person. The session was very informative and interesting.



58 NSS volunteers of Paavai Engineering College rendered their service to the Election Commission of Namakkal during Tamilnadu Assembly Election 2021 on 06.04.2021. On the voting day, the NSS students extended their volunteer ship in the various allotted voting booths. All COVID-19 norms laid down by the Health Department were strictly followed by the election personnel during polling and our NSS volunteers provided the sanitizer for electors. All electors were screened with a temperature scanner by our NSS volunteers. The NSS volunteers helped elderly voters on the day of polling. The volunteers ensured smooth movement of voters to search in the voter name list and locate polling booth.



Department of Computer Science and Engineering organized a webinar Entitled “Infrastructure and Operations in IT” held on 10.04.2021 through the Microsoft Teams Platform. The Resource person was, Natrayan Chinnasamy, Sr. Systems Engineer IT CITRIX, Micron Technologies, Hyderabad. The Session was presided over by the Principal Dr.M.Premkumar and he delivered his presidential address. The Resource Person was introduced by Dr.A.Suphalakshmi, HOD/CSE. The Resource Person, Natrayan Chinnasamy addressed the gathering about “Infrastructure and Operations in IT”. The session ended at 04.00 PM with the vote of thanks given by Mrs. P.Renukadevi, Assistant Professor/CSE.



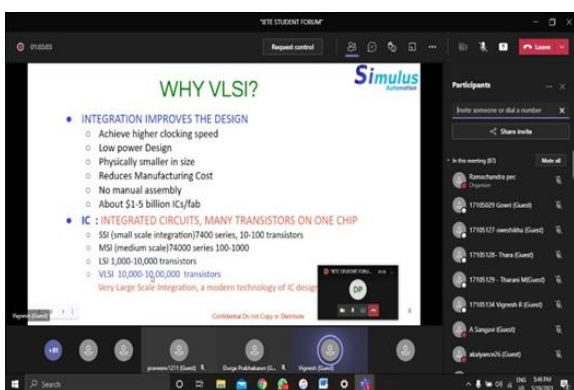
The Department of Agriculture Engineering organized an Alumni Webinar on “cultivation practices of vegetables” (baby corn, sweet corn, tomato) On 11.04.2021. Dr.M.Premkumar, Principal presided over the function. Mr.K.Nagarjun.B.E, Farming Associates, Field Fresh Foods Private Limited, Hosur. (Alumni) was Chief Guest. He had focussed on the cultivation of corn effectively.



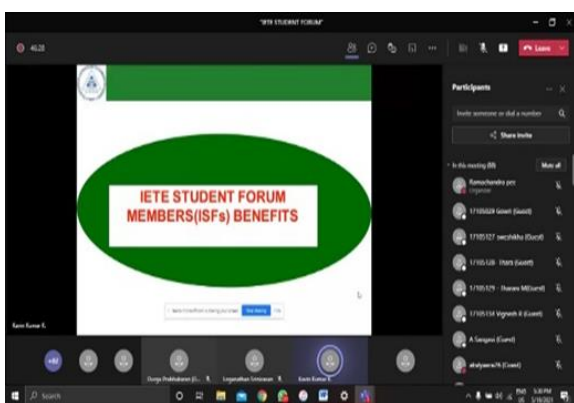
Paavai Engineering College in association with Institution’s Innovation Council and Entrepreneurship Development Cell organized an online webinar on “Session on “How to plan for Start-up and legal & Ethical Steps” on 03.05.21 Mr.Krupasankar, Founder of KS Globals was the resource person. The welcome address was given by Ms.R.Charulatha and the presidential address was delivered by Dr.M. Premkumar, Principal. Then the guest gave his keynote address.



Department of Computer Science and Engineering in association with the Institution's Innovation Council and Entrepreneurship Development Cell organized an online webinar on "So you think, You can blockchain" on 04.05.2021. The Resource person was, Christy Henitha, Founder and Chief Design Officer, Technizant. The Session was presided over by Dr.M.Premkumar, Principal and he delivered his presidential address. The Resource Person, Christy Henitha addressed the gathering about "So You Think, You Can Blockchain". The session was more interactive and students gained more knowledge regarding Blockchain. The session ended with the vote of thanks delivered by Dr.K.Sundara Murthy, vice-president, IIC\_PEC.



Department of Electronics and Communication Engineering has organized a webinar on "Recent Technological Advancements in VLSI Design" on 19.05.2021 through online mode. Dr.M.Premkumar, the Principal, gave his presidential address. Mr.P.Vignesh, IC Verification Engineer, Stimulus Automation Pvt., Ltd., Chennai, was the resource person and he highlighted the importance of VLSI and its function.



Department of Electronics and Communication Engineering has inaugurated the IETE Students forum on 19.05.2021 through online mode. The session commenced with a welcome address by Mr. B. Ramachandra, Secretary, IETE Students Forum, Paavai Engineering College. Dr.M. Premkumar, the Principal, gave his presidential address. Then Mr.K.Kavinkumar, Honorary Treasurer, IETE Erode Centre delivered the inaugural address. In his address, he stressed the importance of IETE membership, its benefits, and the various opportunities through this IETE student forum. Finally Mr.V.Praveen, Chairman, ISF delivered the vote of thanks.

PAAVAI ENGINEERING COLLEGE  
(Autonomous)  
NH-44, Namakkal, Tamilnadu, India

Department of  
**Electrical and Electronics Engineering**

One-day Guest Lecture on  
**"Flight Control System for Fighter Aircraft"**

**Friday 28<sup>th</sup> May 2021**  
at 11.00 am. IST

**Er. Rama Moorthi M**  
Aircraft Research and Design Centre  
at Hindustan Aeronautics Limited

Microsoft Teams Meet

Meeting Link:  
<https://tinyurl.com/53uhZshj>

Organizer  
**Dr.G.Balaji**  
HoD/EEE

A day Guest Lecture on “Flight Control System for Fighter Aircraft” was organized by the Department of Electrical and Electronics Engineering of Paavai Engineering College on 28.05.2021 through online mode. The guest speaker was Er.M.Rama Moorthi, Aircraft Research and Design Centre, Hindustan Aeronautical Limited.

Department of EEE,  
Paavai Engineering College,  
Namakkal

Cordially invites you  
for the Webinar.....

Awareness Programme on  
**OPPORTUNITIES AFTER ENGINEERING THROUGH GATE & ESE**

DATE: 29-05-2021 TIME: 11.00am to 12.30noon

Registration Link :  
[https://aceenggacademy.zoom.us/webinar/register/WN\\_I-yBRAETSNCVmM0h0Aa0-Q](https://aceenggacademy.zoom.us/webinar/register/WN_I-yBRAETSNCVmM0h0Aa0-Q)

Mr. Pabba Ramesh  
(GATE / ESE TRAINER, ACE Engineering Academy, Hyderabad)

Coordinator:  
Dr. G. Balaji, HOD  
EEE Department,  
Paavai Engineering College, Namakkal.

Department of Electrical and Electronics Engineering organized an awareness program titled, “Opportunities after Engineering Through Gate ESE” on 29.05.2021 through online mode. Dr.G.Balaji HoD, EEE inaugurated the awareness program. The resource person is Mr.Pabba Ramesh ESE Trainer ACE Engineering Academy, Hyderabad.

**NATIONAL SERVICE SCHEME  
REGULAR ACTIVITIES**

S.No.	Date	Name of the Activity	Number of Volunteers			Number of Beneficiaries
			Boys	Girls	Total	
1	21.06.2020	International Yoga Day Awareness and Celebration	60	40	100	100
2	29.06.2020	All the Children Orphanage, Chennai – Fund Collection	30	20	50	All
3	15.08.2020	Independence Day Celebration	60	40	100	All
4	08.09.2020	Eye Donation Fortnight-2020	30	20	50	50
5	23.09.2020	Fit India Freedom Run / walk	50	30	80	All
6	15.10.2020	COVID-19 Awareness Programme	50	20	70	All
7	09.11.2020	COVID-19 Awareness Programme	50	20	70	All
8	01.12.2020	World AIDS Day –Awareness Programme	03	02	05	50
9	18.12.2020	General Orientation Programme	60	40	100	100
10	26.01.2021	Republic Day Celebration	70	30	100	All
11	20.02.2021 to 04.03.2021	Maternal and Newborn Health Services with Ekam Foundation, Namakkal	-	25	25	350
12	08.03.2021	International Women’s Day Celebration	-	250	250	250
13	11.03.2021	COVID-19 Vaccination Campaign	03	02	05	122
14	17.03.2021 to 19.03.2021	Aadhaar Enrollment & Updation Special Camp	05	05	10	110
15	20.03.2021	COVID-19 Vaccination Campaign	03	02	05	60
16	06.04.2021	Tamil Nadu Legislative Assembly Election Volunteership-2021	58	-	58	All

**Fit India Freedom Run / walk**



**COVID-19 Awareness Programme**





**Tamil Nadu Legislative Assembly Election Volunteership-2021**






## LISTS OF GRANTS / FUND SANCTIONED

S. No	Name of the Principal Investigator/ Co Investigator	Name of the Funding Agency	Type	Dept	Title of the Research Project	Funds Received (INR in Lakhs)
1.	Arthiya.P	Ganesh ginning factory, 30/2, Paithur Road, Attur-636141	Non-Government	Agri	Mobile operated coconut harvesting machine	0.24
2.	K.Sharmildevi	Thangam Associates, 66-CP Kannaiya Street, Rasipuram, Namakkal-637408	Non-Government	Civil	Testing of Soil (Standard Penetration Test)	0.05
3.	N.Moorthi	Thangam Associates, 66-CP Kannaiya Street, Rasipuram, Namakkal-637408	Non-Government	Civil	Compressive Strength Test on Concrete Cubes	0.027
4.	N.Moorthi	Thangam Associates, 66-CP Kannaiya Street, Rasipuram, Namakkal-637408	Non-Government	Civil	Compressive Strength Test on Fly Ash Bricks	0.015
5.	N.Moorthi	Thangam Associates, 66-CP Kannaiya Street, Rasipuram, Namakkal-637408	Non-Government	Civil	Water Absorption Test on Fly Ash Bricks	0.015
6.	Dr.A.Suphalakshmi	AVR Nursery,Salem	Non-Government	CSE	Online plant sales outlet	0.32
7.	Dr.A.Suphalakshmi	AICTE sponsored Short Term Training Program	Government	CSE	STTP on Data Science Technologies	3.98333
8.	Dr. M.Sudha	AICTE, MOE & IIC National Innovation Council 2020	Government	ECE	Smart IV Fluid Bottle For Health Care Using Robotic Arm	5.0

9.	Dr. M.Sudha	IETE	Non-Government	ECE	ISF Students for consultation	0.025
10.	Dr. S.Vijayakumar Dr T.Aruna	KKP Packaging Industry, Namakkal	Non-Government	ECE	Smart oil leakage controller in Packaging line using arduino	0.218
11.	Dr. R.Pushpavalli Mr. S.Vijayakumar	Sri Kumaran Agricare 138- H/11,kumerara vel complex,Rasip uram-637408.	Non-Government	ECE	Modern Agriculture using insect killer and voice alert using IOT.	0.22
12.	Dr. T.Loganayagi Mrs A.Samundeeswari	Indian Infotech 101c-Amma unavagam back side, park Road,Namakk al-637001	Non-Government	ECE	Smart Helmate for accident prevention and safe driving.	0.15
13.	Dr.G.Balaji	AICTE	Government	EEE	Solar PV Technology: Envisaged Future Challenges and Mitigation Methods for High Photovoltaic Penetration	3.01667
14.	Dr.M.Premkumar	Department of Science and Technology	Government	Mech	Impact Assessment of smart India hackathon and innovation mission start up models in science and technology domains	20.944
15	Dr.G.Srinivasan	All India Council for Technical Education	Government	Chem	STTP – An Awareness Programme- Green Engineering Concepts and Treatment methods to Farmers in rural Area	4.15

## AWARDS RECEIVED BY THE FACULTY MEMBERS

<p><b>Dr. D. R. P. Rajarathnam</b> Academic Excellence</p>	
<p><b>Dr. G. Raja</b> International Researcher Award</p>	
<p><b>Dr. G. Raja</b> Research Excellence Award</p>	
<p><b>Dr. K. Sundaramurthy</b> Excellence in Education Awards</p>	

<p style="text-align: center;"><b>Dr. K. Sundaramurthy</b> <b>Mentor of change for Atal Tinkering Labs</b></p>	<p>Dear Sundaramurthy,</p> <p>Greetings from Team AIM!</p> <p>Congratulations! We are extremely excited to share with you that you have been selected as a Mentor of Change for Atal Tinkering Labs. We received a large number of applications, and your application really stood-out. We are really excited to get you started with your mentoring journey and work together to mentor a new India. To welcome you as MoC, we have special message from Mr. R. Ramanan (Mission Director, Atal Innovation Mission) - <a href="https://youtu.be/3W0BWhHM">https://youtu.be/3W0BWhHM</a>.</p> <p>In Mentors of Change, we look for leaders who can volunteer on a regular basis in one or more such labs and enable students to experience, learn and practice future skills such as design and computational thinking. These labs are non-prescriptive by nature, and mentors are expected to be enablers rather than instructors. Possible areas of contribution could be, but not limited to: a) Technical Knowhow: building prototypes, b) Innovation and Design: inculcating solution-oriented approach, c) Inspirational leadership and self-motivation, and d) Business and Entrepreneurship: encouraging ideas and team building.</p>
<p style="text-align: center;"><b>Dr. M. Sudha</b> <b>Best Women Scientist Award</b></p>	
<p style="text-align: center;"><b>Dr. M. Sudha</b> <b>IFERP Institution Ambassador</b></p>	
<p style="text-align: center;"><b>Dr. R. Mohana Priya</b> <b>Young Scientist Award</b></p>	

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

<b>S. No.</b>	<b>Name of the Game</b>	<b>Venue</b>	<b>Position</b>
1.	Badminton (Women)	Kongunadu College of Eng. & Tech, Thottiyam	First
2.	Ball Badminton (Men)	Paavai Engineering College	Second
3.	Basketball (Men)	Pavai College of Technology	First
4.	Cricket (Men)	Kongunadu College of Eng. & Tech, Thottiyam	First
5.	Hockey (Men)	Paavai Engineering College	Second
6.	Kabaddi (Men)	Selvam College of Tech.	Third
7.	Kho-Kho (Men)	Paavai College of Engineering	First
8.	Volleyball (Men)	Salem College of Eng. & Tech.	Second



