



# Paavai Engineering College

(Autonomous Institution, Approved by AICTE, Affiliated to Anna University, Chennai-25)

## **Conferences, Seminars, Workshops on quality conducted**

S.No	Academic Year	No.of Programs Organized
1.	2019-2020	61
2.	2018-2019	55
3.	2017-2018	40
4.	2016-2017	57
5.	2015-2016	54

**Paavai Engineering College  
(Autonomous)  
Conference, Seminars, Workshops on quality Conducted**

**Academic Year (2019-2020)**

<b>S.No</b>	<b>Name of the workshop/ seminar</b>	<b>Number of Participants</b>	<b>Date From – To</b>
1	Professional Career in Engineering Product Design and Development	50	20.07.2019
2	seminar on Application of Geospatial technology in agriculture, farm machinery and organic farming	150	10.01.2020 to 11.01.2020
3	Careers in Biology and bioengineering	54	24.02.2020
4	Scope and Opportunities of Biomedical Engineering	56	07.09.2019
5	Biomedical Instrumentation and Its Application	56	06.09.2019
6	Application of Softwares and Vasthu in construction	170	29.06.2019
7	Lean Construction and project management	170	27.07.2019
8	Bridge Modelling and Detailing using TEKLA structures	120	05.02.2020
9	Construction management and Job opportunities in the construction industry	120	26.02.2020
10	Application of Big Data Cloud for Efficient ERP Solutions	50	14.06.2019
11	Believe in You	60	11.07.2019
12	Fight the Urban Style of Recruitment	50	09.09.2019
13	Salesforce ADX-201	40	16.12.2019 to 21.12.2019
14	Next Generation Hacking	70	30.01.2020
15	Two day workshop on Home Appliances Synchronization with IoT	63	04.02.2020 to 05.02.2020
16	One day workshop on Blue Ocean Strategy	45	22.01.2020
17	One day workshop on Ethical Hacking	72	20.12.2019

18	One day workshop on Future of Leadership	55	18.12.2019
19	Guest lecture on the title RF MEMS for Wireless Communication	67	06.09.2019
20	Guest lecture on the title Telecommunication – Software Development Perspective	75	26.06.2019
21	Electric Vehicle Technology	85	12.03.2020
22	Energy Conservation and Electrical Safety	55	04.02.2020
23	Electrical Energy Safety	73	15.06.2019
24	Commercial metering arrangements and enforcement practices in power distributio	79	03.09.2019
25	Energy conservation	68	10.01.2020
26	Energy Conservation and Electrical Safety	79	04.02.2020
27	Particle swarm optimization (PSO) Technique: Application in power system	70	25.05.2020
28	Power Quality issues in Commercial and Industrial Applications	63	30.05.2020
29	Global Challenges in New Product Development	30	11.06.2020
30	Challenges in Metal Additive Manufacturing	40	19.06.2020
31	Creating a Lean Culture	30	27.06.2020
32	Engineering Projects and Employable Skills	50	20.07.2020
33	Evolution of Manufacturing Technology for Heavy Vehicles	35	18.07.2020
34	Recent advances in Manufacturing	25	20.07.2020
35	Scope of NDT	50	16.08.2019
36	Engineering metallurgy and manufacturing processes	100	16.09.2019
37	Corporate Expectations From Budding Engineers: Myths And Realities	30	22.07.2019 to 27.07.2019
38	Research Challenges In Fog Environment For Iot Services	30	16.08.2019 to 21.08.2019
39	Python Programming	35	03.02.2020 to 08.02.2020

40	Growing Coders Club- Develop Eyes for your Application using AI & EDC CELL	45	03.07.2019
41	Roadmap for Summer Internship & EDC CELL	45	13.03.2020
42	Growing Coders Club- Develop Eyes for your Application using AI & EDC CELL	45	18.12.2019
43	Growing Coders Club(Inaguration) & IT Students	50	20.08.2019
44	SIH Internal Hackthon & R&D CELL	50	23.01.2020
45	Optimization and Error prediction by Response Surface Method (RSM) Tool	95	08.04.2020
46	(Series I) An awareness programme – Green engineering concepts and treatment methods to farmers in rural area	32	26.10.2020 to 31.10.2020
47	(Series II) An awareness programme – Green engineering concepts and treatment methods to farmers in rural area	28	08.11.2020 to 13.11.2020
48	(Series III) An awareness programme – Green engineering concepts and treatment methods to farmers in rural area	30	23.11.2020 to 28.11.2020
49	(Series IV) An awareness programme – Green engineering concepts and treatment methods to farmers in rural area	214	14.12.2020 to 19.12.2020
50	Recirculation of food waste management	53	24.04.2020
51	Recent Trends in Drug Delivery Systems	59	21.05.2020
52	Introduction to Middleware	50	08.08.20
53	Data Science and it's Applications	50	17.08.20
54	Guest Lecture on Strategic management	31	19.08.2019



55	Networking With People	35	03.02.2020
56	Guest Lecture on 'Prospects for success in Textile Business'	35	06.03.2020
57	Webinar 'Impact Of Covid 19 & Career Development (Lock & Unlock	23	12.06.2020
58	NSE-Investment Awareness Program	35	21.07.2020
59	Webinar 'Recent Trends in Retailing in India'	54	21.10.2020
60	Webinar "Today's Reality and the Path Ahead for Insurance'	35	23.11.2020
61	National Level Technical Symposium "Techfinix'19"	3649	20.09.2019 to 21.09.2019

## **PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**

Department of Aeronautical Engineering and Placement Cell

Guest Lecture Conducted on 20.07.2019

Industrial Approaches on Flight Mechanics

### **Professional Career in Engineering Product Design and Development**



The program was conducted jointly by the Department of Aeronautical Engineering and Placement Cell on 20.07.2019 on the title “Professional Career in Engineering Product Design and Development” at Paavai Engineering College (Autonomous). The students of Aeronautical engineering attended the lecture given by Mr.Alaguraj Vellaippan, founder of MACH Engineers, Coimbatore. He gave a brief presentation among the students regarding software tools like AUTOCAD, CATIA, AUTODESK, CFD, FEA, ANSYS, Hyper Mesh, Creo and Solid works. He elaborated the list of companies which uses the software and the pay scale. Earlier, Welcome address was given by Ms.M.Malathika of Second year Aeronautical Engineering, the chief guest introduction was given by Ms.S.Daya Sri of Second year Aeronautical Engineering and the vote of thanks was given by Mr.M.Harish of Third year Aeronautical Engineering. The Head of Department and the faculty members of the Aeronautical departments graced the function.

**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**DEPARTMENT OF AGRICULTURE ENGINEERING**  
**SEMINAR REPORT**

A two day seminars and Pongal festival on Sustainable water management by Department of Agriculture Engineering and Entrepreneurship Developemnt Cell on 10.01.2020 & 11.01.2020 at JRD TATA hall. Dr.Ramasubramaniam, Scientist ISRO, Mr.Meganathan Kongunadu tractors, Namakkal, Mr.G.SriramPrasath, CEO of Keeraikadai, Coimbatore & Mr.L.MayaKrishnan, Assistant Director, Department of Agriculture, Namakkal were the guest speaker.

First day, Dr.Ramasubramaniam delivered his valuable speech about the spatial technology application in agriculture. Clearly deals with how remote sensing technology used in mango crop cultivation. Mr.Meganathan gave a lecturer on farm machinery and equipments used in agriculture field. Second day Mr.G.SriramPrasath explained about various possible way of entrepreneurship in agriculture field and Mr.L.MayaKrishnan gave a lecturer on increasing yield by using inorganic farming technology. 150 students and staffs were attended in this function.







## PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)

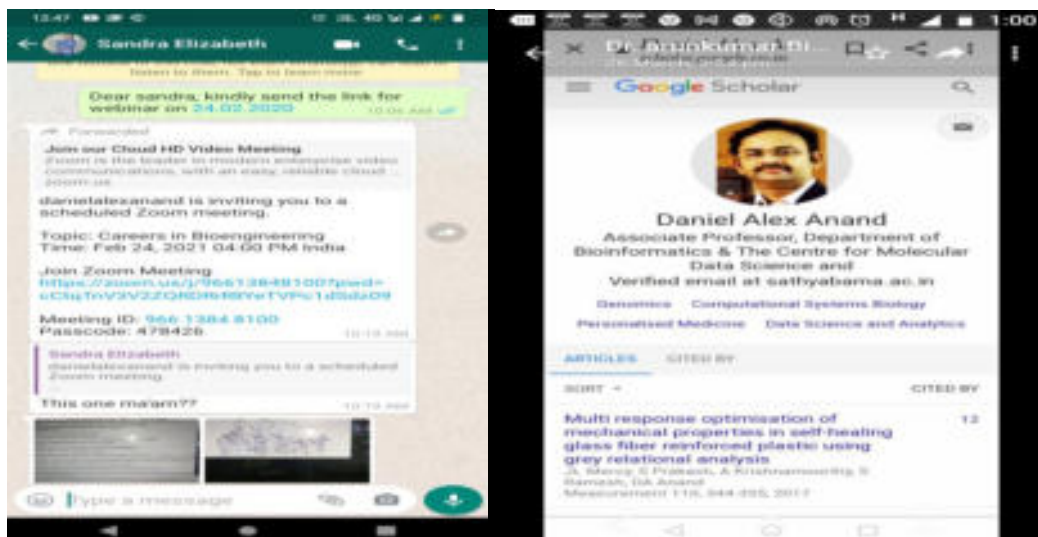
### DEPARTMENT OF BIOMEDICAL ENGINEERING and MEDICAL ELECTRONICS and R & D CELL

#### Guest Lecture

#### On

#### “Careers in Biology and Bioengineering”

A Guest Lecture on **Careers in Biology and Bioengineering** was organized in online mode as webinar by the Department of **Biomedical Engineering and Medical Electronics and R & D Cell** on 24.02.2020. The guest speaker Mr. Daniel Alex Anand, Associate Professor, Department of Bioinformatics & the Centre for Molecular Data Science and Systems Biology, Sathyabama Institute of Science and Technology gave the special lecture on “Careers in Biology and bioengineering”. He highlighted the information about the importance of the Molecular Data in Biology and bioengineering.



Webinar link: <https://zoom.us/j/96613848100?pwd=cCtqTnV3V2ZQRDRrRIIYeTVPc1dSdz09>

**PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**

**DEPARTMENT OF BIOMEDICAL ENGINEERING and MEDICAL ELECTRONICS  
and R & D CELL**

**Guest Lecture**

**On**

**“Scope and Opportunities of Biomedical Engineering”**

A Guest Lecture on **Scope and Opportunities of Biomedical Engineering** was organized by the Department of **Biomedical Engineering and Medical Electronics and R & D Cell** on 07.09.2019. The guest speaker **Dr. S. Mangai**, Professor and Head, Department of Biomedical Engineering, Vellalar college of Engineering and Technology, Erode gave a detailed lecture on Biomedical Engineering. She highlighted the area about Scope and Opportunities of Biomedical Engineering.



**PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**

**DEPARTMENT OF BIOMEDICAL ENGINEERING and MEDICAL ELECTRONICS  
and R & D CELL**

**Guest Lecture**

**On**

**“Biomedical Instrumentation and Its Application”**

A Guest Lecture on **Biomedical Instrumentation and Its Application** was organized by the Department of **Biomedical Engineering and Medical Electronics and R & D Cell** on 06.09.2019. The guest speaker Mr. Anbarasan, Assistant Manager, Harvey Bio medicals, Koramangala, Bangalore. He expressed his experience to a student which gave him confidence to face the interviews in outside the campus. The session was carried over on the title “Biomedical Instrumentation and Its Application”. He shared the information about the importance of the medical engineering students in the companies worldwide. He told the student to Pay attention, give the speaker your undivided attention and acknowledge the message. Then he noted the various instruments used in the various hospital and its working function. Next he moved to the analytical skill about the company instruments. The encouragement was given to all the students to participate in all the trainings in companies. He gave the positive motivation to all the students to work at with a positive vibration.



**PAAVAI ENGINEERING COLLEGE**  
(AUTONOMOUS)  
**DEPARTMENT OF CIVIL ENGINEERING**  
**One Day Workshop and Research and Development Report**

A one day workshop and Research and Development on the title “**Application of Softwares and Vasthu in Construction**” was organized by Department of Civil Engineering, Paavai Engineering College on **29.06.2019** at **Kalam’s chamber**.

Chief guests - **Dr.A.S.Matheswaran chairman / CEO** United CADD solutions Ltd and **Mr.S.S.Kumar**, Vasthu consultant. Miss. S.U.Sushma, Second year student, Paavai Engineering college welcomed the gathering, Mr.P.Akshay, Third year student Paavai Engineering College gave a brief introduction about the chief guests.

Our respected Principal / Paavai Engineering college, **Dr K.Premkumar**, honoured the chief guest and gave his valuable presidential address about the field of Civil Engineering and role of Civil Engineer.

Dr.A.S.Matheswaran spoke elaborately about the importance of Application Softwares in the Civil Engineering field. Mr.S.S.Kumar Vasthu consultant explained about the Traditional Vasthu Shastra influence in India’s architecture during the Contemporary era.





**PAAVAI ENGINEERING COLLEGE  
(AUTONOMOUS)  
DEPARTMENT OF CIVIL ENGINEERING  
GUEST LECTURE AND RESEARCH AND DEVELOPMENT REPORT**

**One Day Guest Lecture on “LEAN CONSTRUCTION AND PROJECT MANAGEMENT”**

A one day Guest Lecture and Research and Development on the title “**LEAN CONSTRUCTION AND PROJECT MANAGEMENT**” was organised by department of civil engineering Paavai Engineering college on 27.7.2019 at Kalam’s chamber.

Chief guest Dr.K.M.Nanthan, Planning Manager, Factories-south, Larsen & Toubro limited construction, Buildings and Factories. Miss.S.U.Sushma , second year student, Paavai Engineering College welcomed the gathering, Mr.S.Mohammed Faizal, final year student, Paavai Engineering College gave a brief introduction about the chief guest.

Our respected Principal/Paavai Engineering College, Dr.M.Premkumar, honoured the chief guest and gave his valuable presidential address about the field of Civil Engineering.

Dr.K.M.Nanthan our Alumini Spoke elaborately about the Lean Construction Techniques. He pointed out the readily 8 lean wastes – DOWNTIME



# **PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**

## **DEPARTMENT OF CIVIL ENGINEERING**

### **GUEST LECTURE AND RESEARCH AND DEVELOPMENT REPORT**

A one day Guest Lecture and Research and Development on the title “**BRIDGE MODELING AND DETAILING USING TEKLA STRUCTURE**” was organized on **05.02.2020** by the Department of Civil Engineering , Paavai Engineering College at Kalams chamber.

Er. P.Suresh Anand , Design Engineer and Consultant for R.C.C structure and steel structure in C Cube technologies Salem was the chief guest of the day. Ms.S.Sushma ,second year student welcomed the gathering and Mr.P.Akshay third year student gave a brief introduction about the chief guest.

Dr.M.Premkumar, Principal , Paavai Engineering College delivered his presidential address on the occasion .He addressed that, the students should be updated and dynamic to meet the expectations of the industry.

Er.P.Suresh Anand, spoke elaborately about the TEKLA structure. He explained by using this how a civil engineer can design a building structure and its components using 3D modeling, generate 2D drawings and access building information.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF CIVIL ENGINEERING**

**Academic year 2019 – 2020**

### **WORKSHOP AND RESEARCH AND DEVELOPMENT REPORT**

A one day Workshop and Research and Development on the title “**CONSTRUCTION MANAGEMENT AND JOB OPPORTUNITIES IN THE CONSTRUCTION INDUSTRY**” was organized on 26.02.2020 by the Department of Civil Engineering, Paavai Engineering College at Cute Hall.

Er.V.Srinivasan ,Founder and CEO prayojana Engineering services ,Prayajana Infratech solutions – salem was the chief guest of the day .Ms.S.U.Sushma, Second year student welcomed the gathering and Ms.Sasikala Final year student gave a brief introduction about the chief guest .

Through this workshop Students gained knowledge in project planning and execution ,contract management and overall project management .The workshop provided an idea on Quality control system implementation and design coordination.



## DEPARTMENT OF COMPUTER SCIENCE ENGINEERING JOINTLY WITH R & D CELL ORGANISED THE GUEST LECTURE ON 14.06.2019

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14th Jun, 2019

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 in association with R & D cell, Paavai Engineering College, on 14.06.2019. Mr. V. Krishna Moorthy, SAP Cloud ERP & BI Consultant, an alumnus from the batch 2012 - 2016, was the chief guest of the day. The session started with a prayer song. Mr. R. Lourdu Xavier of final year CSE, welcomed the gathering. Dr.M. Prem kumar, The principal, Paavai Engineering College, in the presidential address, urged the students to have innovative thinking improving the knowledge and skills. He said that there are plenty of opportunities for the engineering graduates both at the corporate end and at other domains. He told the students that they should be passionate towards their goal and implement the theory concepts practically. Mr. S. Raventh, Third year CSE, introduced the guest speaker to the gathering. Dr. A.Suphalakshmi, HOD, CSE, welcomed the guest by presenting a bouquet and memento. Mr. Krishna, in his keynote address, mentioned the three major concepts namely Enterprise Resource Planning, Enterprise Content Management, Enterprise Information services, which a business enterprise should inculcate to achieve profitability economically. He concentrated more on explaining “ERP for business process model” where the students understood about the big data analytics in an organization. He also explained cloud deployment and service models such as IaaS, PaaS, SaaS and big data concepts. Finally, He suggested the students to subscribe and undergo short term training in community forums to update their knowledge and complete mini projects using simple applications. The guest lecture ended with a questionnaire session. Ms. J.Monisha, Final year CSE, proposed the vote of thanks. HoDs’, faculty members, students from CSE, IT of Paavai Engineering College, Paavai Polytechnic College, Paavai Arts and science College for Women, were present in the session.





11th Jul, 2019

A one day guest lecture on the topic “**Believe in You**” was organized by the department of Computer Science and Engineering in association with the EDC cell, Paavai Engineering College, on 11.07.2019. Mr. Ganapathy Chandrasekaran, Account Technology Strategist (Virtual CTO), Microsoft, San Fransisco was the guest speaker of the day. The session started with a prayer song. Ms. Akila Jetkin of final year CSE, welcomed the gathering. Dr.M. Prem kumar, The principal, Paavai Engineering College, in the presidential address, urged the students to improve their thinking ability, innovative and creative ability by saying that the human mind is a powerful tool which has paved the way for machine intelligence. He motivated the students to train their minds and update themselves related to the recent technologies from various interdisciplinary domains.

Ms. Ankita Sreekumar, Final year CSE, introduced the guest speaker to the gathering. Dr. A. Suphalakshmi, HOD/CSE, welcomed the guest by presenting a bouquet and memento. Mr. Gana, started the keynote address by stating that one’s goals should be consistent so that he/she can work for continuous progress with ambition and passion. He said that, one can improve their innate character and cognitive ability by creating opportunity and utilize that opportunity to the maximum extent.

Also, He spoke about entrepreneurship by acknowledging Mr. Satya Narayana Nadella, CEO, Microsoft and Mr. Sundar Pichai, CEO, Google. He motivated the student participants to take a single problem and fall in love with the idea to give solution. Five principles including growth mindset, mindfulness, key planning, rewire thinking, spreading relationship which foster innovation were listed out to the students. These key factors help in increasing one’s intensity and depth day by day, reframe unhelpful thoughts, train oneself, spread kindness, improve collaborative learning, appreciate good work and create a personal mantra to achieve the goal.

Finally, the students were made to analyze and answer the following five questionnaires’ and the talk ended up with a feedback session.

- How will you challenge yourself today?
- What else do you wanted to learn from others?
- Can you ask for help? Now?
- What would you do differently?
- Share five goals that you have completed today?

Henceforth, the guest speaker made the students believe that young people have massive impact to the business and to the technology. Students and faculty members from CSE, IT and MCA departments attended the session.

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## DEPARTMENT OF IT IN ASSOCIATION WITH PLACEMENT CELL ORGANIZED "GUVI - PLACEMENT AND TRAINING" ON 26.8.19

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26th Aug, 2019

The Department of Information Technology in association with placement cell, Paavai, organized GUVI (Grab Ur Vernacular Imprint) Guest lecture programme on the title "Placement and Training" on 26.8.19 at Cute hall. The session was inaugurated by Dr.K.K.Ramasamy, Director Administration at 10:00 a.m. In his presidential address, the Director Administration highlighted the importance of getting placed in "Two OS" companies such as Google, Yahoo and even Microsoft. Following the presidential address, the keynote address was given by the speaker Mr. Maheshwaran, GUVI trainee. He expressed his sincere gratitude to the Institution and the Management for their support. He shared many innovative ideas and many things related to IT field. In his lecture on Placement and Training, he also spoke about many interesting facts about emerging technology trends. He indicated placement related skills and explained in detail how the student should prepare for the interview and they must get trained. He insisted that life long learning and studying pattern will decide one's success. He created a positive vibration throughout his lecture. The Head of the Department of Information Technology, the Faculty members took part in the event. Mr. A. Rishi Rahul, final year IT welcomed the gathering. After the vote of thanks,



the program came to an end.

## DEPARTMENT OF CSE JOINTLY WITH PLACEMENT CELL ORGANISED THE ALUMNI GUEST LECTURE ON 09.09.2019

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9th Sep, 2019

A one day alumni guest lecture on the topic “Fight the Urban Style of Recruitment” was organized by the department of Computer Science and Engineering jointly with placement cell, Paavai Engineering College, on 09.09.2019. Ms. Monika Isabel, Project Management Offices, Quotient Technologies, an alumna from the batch 2011 - 2015, was the chief guest of the day. The session started with a prayer song. Mr. U. Bharath of Second year CSE, welcomed the gathering. Dr. M. Prem Kumar, The principal, Paavai Engineering College, in the presidential address, urged the students to learn from environment where one can observe things which could pave way for their fortune. He also told that one should have innovative thinking which improves their knowledge and skills. He said that there are plenty of opportunities for the engineering graduates both at the corporate end and at other domains. He told the students that they should be passionate towards their goal and contribute to all activities that are held at department and college level. Ms. Akila Jetkin, Final year CSE, introduced the guest speaker to the gathering. Following, Dr. Prem Kumar, Principal, Paavai Engineering College, welcomed the guest by presenting a bouquet. Ms. Monika In her keynote address, introduced 3 P’s namely., Plan, Process, Proceed which a student has to follow all through life. She said that the world is urbanized out and one should get adopted to the scenario prevailing in the environment. She also taught how to attend an interview by mentioning the ways to approach the HR and the recruiter. She covered the topics which includes the answers for the questions, Why one should recruit you?, What is the need of interview?, How will one be fit for a job?. Further, she spoke about three elements which enhance one’s interview performance. Importance of resume was also mentioned by her, Videos were shown relating to etiquettes that one should follow while attending interview. Students got tips to be a professional and got motivated in terms of attending interviews. Finally, there was a questionnaire and feedback session where students shared positive response. Ms. Nithyanandhi, Third year CSE, proposed the vote of thanks. Students and staff members of CSE, were present over the session.



## **SIX DAY WORKSHOP ON THE TOPIC “SALESFORCE ADX-201” WAS ORGANIZED BY THE DEPARTMENT OF CSE IN ASSOCIATION WITH PLACEMENT CELL ON 16.12.2019 TO 21.12.2019.**

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22nd Dec, 2019

A six day workshop on the topic “Salesforce ADX-201” was organized by the department of Computer Science and Engineering in association with placement cell, Paavai Engineering College, on 16.12.2019 to 21.12.2019. Mr. Nitul Sharma, Senior Technical Trainer, Department of Training & Research, ICT Academy was the trainer. The session started with a prayer song. Ms. Nithyananthi. S of third year CSE, welcomed the gathering. Dr. Prem Kumar, Principal, Paavai Engineering College, welcomed the guest by presenting a bouquet. The principal, in the presidential address, urged the students to learn from environment where one can observe things which could pave way for their fortune. He also told that one should have innovative thinking which improves their knowledge and skills. He said that there are plenty of opportunities for the engineering graduates both at the corporate end and at other domains. He told the students that they should be passionate towards their goal and contribute to all activities that are held at department and college level. Ms. Pooja Dharshini. S. K, Third year CSE, introduced the guest speaker to the gathering. Mr. Nitul Sharma, in his keynote address, 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. Modules pertaining to hands-on include.

Day 1: Creating Profiles, Reports, Dashboards.

Day 2: Business Administration specialist (Super badge).

Day 3: Business Administration Specialist.

Day 4: security-Specialist.

Day 5: Lightning Experience.

Day 6: Summary and Feedback.

Mr. Raeventh Kumar, Third year CSE, proposed the vote of thanks during the valedictory program. Students and staff members of CSE and IT were present over the session.





**PAAVAI ENGINEERING COLLEGE  
DEPARTMENT OF CSE  
ACADEMIC YEAR 2019 - 2020**

**DEPARTMENT OF CSE JOINTLY WITH DEPARTMENT OF IT  
AND R & D CELL ORGANISED THE GUEST LECTURE ON  
30.01.2020**

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**30th Jan, 2020**

A one day guest lecture on the topic “Next Generation Hacking” was organized by the departments of Computer Science Engineering, Information Technology and R & D cell, Paavai Engineering College, on 30th January 2020. Mr. Aditya Nair, Innovation Engineer, Rocheston Accreditation Institute, Chennai, was the trainer. The session started with a prayer song. Ms. T. Narmatha Nisha, III year CSE, welcomed the gathering. Dr.

K.K. Ramasamy, Director Admin, Paavai Institutions, welcomed the guest and gave presidential address. Mr. Raventh Kumar, III year CSE, introduced the guest speaker to the gathering. Mr. Aditya Nair, in his keynote address, gave a detailed note on “Cybersecurity” by explaining how to build a strong foundation to handle the security threats. Mr. Aditya addressed various effectuations of cybercrimes that were carried out by the young students to a reputed organization - Yahoo. By stating that, he also motivated the students to learn more about hacking techniques and indulge in ethical hacking which will not affect the society in any form. Mr. Aditya explained various conventional attacks where a hacker can break the authentication without one’s knowledge and he also explained the transition from those old techniques to contemporary ones. He, then, listed out various techniques and measures that help to identify and protect the mobile devices from threats in a secured way. He covered the topics including,

- Present Cybersecurity scenario
- Custom built cybersecurity Operating System - Rose tools
- Hands-on Hacking Exercises
- Cyber Range Sphere - Simulation Platform for Cyber Network Training

Ms. Roopa, Third year CSE, proposed the vote of thanks during the valedictory program. Students and staff members of CSE and IT were present over the session.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**Two day workshop  
on  
“HOME APPLIANCES SYNCHRONIZATION WITH IOT”**

**Guest Speaker  
Mrs.Vimaladevi  
HR,  
Caliber Embedded Technologies**

Date: 04.02.2020-05.02.2020

Time: **1.30 P.M.**

Venue: **Cute Hall**

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**

Workshop on

### **“HOME APPLIANCES SYNCHRONIZATION WITH IOT”**



A workshop was organized by the department of ECE, Paavai Engineering College on the topic “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. In his presidential address, he emphasized the importance of this session and motivated the student to be enthusiastic to learn more from the speaker. The session was carried over by the guest speaker Mrs. Vimaladevi, HR, Caliber Embedded Technologies in which she explained about product Development Company and also discussed about how the workshop will be handled for two days. She said that there are plenty of opportunities for the engineering graduates both at the corporate end and at other domains.

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**One day workshop  
on  
“BLUE OCEAN STRATEGY”**

**Guest Speaker  
Mr.V.Aravindhnan,  
Past Chair, Yi Salem Chapter,  
Deputy General Manager, Hotel Grand Palace**

Date: 22.01.2020

Time: **2.00 P.M.**

Venue: **Prestige Hall**

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**AND R & D CELL**

**“ONE DAY WORKSHOP ON BLUE OCEAN STRATEGY”**



Department of ECE organised the Workshop on 22.01.2020. The workshop was inaugurated with the prayer song at 02:00 pm in the presence of chief guest Mr.V.Aravindhnan, Guest Speaker, Principal, Faculty Coordinator along with the student participants. The Presidential address was delivered by Dr.M.Premkumar, Principal, Paavai Engineering College, 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 gave a brief about “Blue, Red and Purple Ocean” and with many case studies he made the students to involve in the discussion about the same.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**One day workshop  
on  
“ETHICAL HACKING”**

**Guest Speaker**

**Mr.S.Vivek**  
CEO, Ozone Cyber Security,  
Kerala

Date: 20.12.2019  
Time: 1.30 P.M.  
Venue: Anadha Arangam

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**AND R & D CELL**

**One day workshop on  
“ETHICAL HACKING”**



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.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**One day workshop  
on  
“FUTURE OF LEADERSHIP”**

**Guest Speaker  
Mr.Ajit Moorthy  
Co-Chair,  
E & I Vertical Yi- Coimbatore**

Date: 18.12.2019

Time: 2.00 P.M.

Venue: Cute Hall

**ALL ARE WELCOME**



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**



The workshop was inaugurated with the prayer song at 02:00 pm in the presence of chief guest Mr.Ajit Moorthy, Co-Chair, E & I Vertical Yi- Coimbatore Chapter, Director Administration, Principal, Faculty Coordinator along with the student participants. The Presidential address was delivered by Dr.K.K.Ramasamy, Director Administration, Paavai Institutions, in which he highlighted the importance of skill development in this technological world. He motivated the students to enrich their skills by participating in competitions, presentations and opening up themselves for global market.

The session was carried over by the chief guest on the title Future of Leadership, in which he gave a brief about the Dr.B.R.Ambedkar's speech about our independence in the year 1949 and made the students to involve in the discussion about the same. Then, he conducted an activity on the titles – Eliminate, Raise, Reduce and Create, in which the students gave their ideas and opinions. Mr Abhishek Rajvil Chair, Yi Salem Chapter, welcomed the gathering. Mr Sakthivel J, Chair, Yi Yuva introduced the chief guest.



# **AAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**guest lecture**

**on**

**RF MEMS for Wireless Communication**

**Guest Speaker**

**Dr.B.Nataraj**

**Associate Professor,**

**Sri Ramakrishna Engineering College**

Date: 06.09.2019

Time: 10.00 AM

Venue: **Kalam Chamber**

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**AND R & D CELL**

**“GUEST LECTURE ON THE TITLE RF MEMS FOR WIRELESS COMMUNICATION”**



Department of Electronics & Communication Engineering organized the Guest Lecture on 06.09.2019. The Guest Lecture was inaugurated with the prayer song at 10:00 am in the presence of Dr.B.Nataraj, Associate Professor, Sri Ramakrishna Engineering College, Coimbatore as the guest lecturer, Principal- Paavai Engineering College, Head of the Department-ECE and

department faculty members along with the participants.

The presidential address was delivered by Dr. M.Prem Kumar, Principal, Paavai Engineering College in which he highlighted the importance of skill development in this technological world. He motivated the students to enrich their skills by participating in competitions, presentations, funding proposal preparations and opening up for projects and startups.

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. Ms.P.Durga, III ECE, Paavai Engineering College, welcomed the gathering. The session ended around 12:30 with the vote of thanks proposed by Ms.Jesima Yasmeen, III ECE, Paavai Engineering College.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**guest lecture**

**on**

**“TELECOMMUNICATION – SOFTWARE DEVELOPMENT  
PERSPECTIVE”**

**Guest Speaker**

**Mr.Anbarasu Shanmugam**

**Project Consultant,**

**apgemini Technology Services India limited,  
Bangalore.**

Date: 26.06.2019

Time: **10.00 AM.**

Venue: **Cute all**

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**

**Guest lecture on the title Telecommunication – Software Development Perspective**



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 College with the presence of Head of the Department-ECE, Faculty members and the participants.

The keynote address was given by the guest speaker Mr.Anbarasu Shanmugam, Project Consultant, Capgemini Technology Services India limited, Bangalore in which he expressed his sincere gratitude to Paavai Engineering College for their support. He expressed his experiences in Paavai as a student which gave him the confidence to face the real world outside the campus. The session was carried over by the speaker on the title Telecommunication – Software Development Perspective, in which 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. He gave clear idea on the Security Management handling in networks which included about billing in Business Support System. He also listed some companies that are large producers of network components to the service providers especially, Ericsson whose customers are Airtel and Vodafone. Mr.Anbarasu Shanmugam and the participants had a good discussion about the current trends in the core engineering and software industries. He also shared his work experiences in WIPRO, CTS and its allied companies in Turkey, Australia, etc. He suggested his fellow juniors to focus on the core engineering opportunities. Alumnus Mr.Anbarasu Shanmugam, also met Correspondent madam to have a brief discussion about his experience in Paavai.

He discussed about his journey in Paavai which has molded and sculpted him to this position as he is now. He showered his gratitude for their high end support during his graduation. He expressed his happiness about his success because of Paavai as it has given him more values and virtues. His educational journey started in paavai from 2006-2010 and as a resource person in coming back to Paavai as a guest speaker. He also said that the only thing which helped throughout his successful career was the confidence that he had taken from Paavai. He expressed his gratitude to Correspondent madam for her constant encouragement and morality which has



made him to reach great heights in his life. He rendered his heartfelt thanks to the Management, Head of the Department-ECE and the Faculty members. Ms.P.Durga, third year ECE, Paavai Engineering College, welcomed the gathering. The chief guest was introduced by Ms.R.Abinaya, third year ECE, Paavai Engineering College. The session ended around 12:30 with the Vote of Thanks proposed by Ms.M.Jesima Yasmeen, third year ECE, Paavai Engineering College.



# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

### **GUEST LECTURE**

on

### **“Electric Vehicle Technology”**

### **Guest Speaker**

**Mr.E.Ashok Kumar,  
CADD Center Manager,  
Rasipuram**

Date : **12<sup>th</sup> March, 2020**

Time : **10.00 A.M**

Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC  
ORGANIZED  
One day GUEST LECTURE  
On  
Electric Vehicle Technology**

The Department of EEE, Paavai Engineering College has conducted a one day guest lecture on the title, **Electric Vehicle Technology** on 12.03.2020. Dr.K.Selvi, Dean Academics, Paavai Engineering College 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. He defined about the Battery Management System [BMS] of the electric vehicle and its importance in the economic aspect over the conventional vehicle systems. He enriched the students with the courses related to EV Technology. Ms.N.Janani of Final year EEE welcomed the gathering and Ms.G.Nalina Devi of third year EEE proposed the vote of thanks.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE**

on

#### **“Energy Conservation and Electrical Safety”**

#### **Guest Speaker**

**Mr.K.Komarasamy AMIE,ME.,**  
Assistant Engineer,  
Operation & Maintenance Othakuthurai,  
TNEB- Gobichetipalayam

Date : **04<sup>th</sup> February , 2020**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH ENERGY  
CLUB ORGANIZED**

**One day GUEST LECTURE**

**On**

**“ENERGY CONSERVATION AND ELECTRICAL SAFETY**

The Department of EEE, Paavai Engineering College 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. 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.

Ms.M.Hemamalini Final year EEE welcomed the gathering and Ms.V Anushree Third Year EEE proposed the vote of thanks.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**Seminar**  
on

**“ELECTRICAL SAFETY”**

#### **Guest Speaker**

Er.Sathish IA,  
Alumni Students,  
Department of Electrical and Electronics Engineering,  
Paavai Engineering College

Date : **15<sup>th</sup> June , 2019**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**





**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH ENERGY CLUB ORGANIZED**  
**One day ALUMINI GUEST LECTURE**  
**On**  
**"ELECTRICAL SAFETY"**

The Department of EEE, Paavai Institutions has conducted an alumni guest lecture on the title, **"ELECTRICAL ENERGY SAFETY"** on 15.06.2019. Dr.M.Premkumar, Principal, Paavai Engineering College 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, Paavai Engineering College, Namakkal was 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.





# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**Guest Lecture**

on

**“Commercial metering arrangements and enforcement  
practices in power distribution”**

**Guest Speaker**

Mr.S.Saravanakumar,  
Assistant Exe.Engineer,  
Operation and Maintenance,  
TNEB -Salem

Date : **03<sup>rd</sup> September , 2019**

Time : **10.00 A.M**

Venue : **Cute Hall**

**ALL ARE WELCOME**



# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION  
WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**Guest Lecture**

on

**“Electric Vehicle Technology”**

**Guest Speaker**

Mr.S.Saravanakumar,  
Assistant Exe.Engineer,  
Operation and Maintenance,  
TNEB -Salem

Date : **03<sup>rd</sup> September , 2019**

Time : **10.00 A.M**

Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC  
ORGANIZED  
One day Guest Lecture  
On  
Electric Vehicle Technology**

The Department of EEE, Paavai Engineering College has conducted a one day guest lecture on the title, **Electric Vehicle Technology** on 12.03.2020. Dr.K.Selvi, Dean Academics, Paavai Engineering College 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. He defined about the Battery Management System [BMS] of the electric vehicle and its importance in the economic aspect over the conventional vehicle systems. He enriched the students with the courses related to EV Technology. Ms.N.Janani of Final year EEE welcomed the gathering and Ms.G.Nalina Devi of third year EEE proposed the vote of thanks.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**Guest Lecture**  
on

**“ENTREPRENEURSHIP”**

#### **Guest Speaker**

Mr. Rex Christi Raj, Founder- S.S.  
AGROW TECH,  
Namakkal.

Date : **4<sup>th</sup> January 2020**  
Time : **01.00 P.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**





**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC**

**ORGANIZED**

**One day Guest Lecture**

**On**

**"ENTREPRENEURSHIP"**

**On 04.01.2020**

Entrepreneurship Development Cell and Institutions Innovation Council organized A One Day Guest Lecture on "Entrepreneurship". The session was inaugurated at Cute Hall by 10.30 a.m. and the function started with the prayer song. Mr.V.Kumarakrishnan AP/EEE, Coordinator, Entrepreneurship Development Cell, Paavai Engineering College welcomed the gathering. Dr.K.K.Ramasamy, Director Administration, Paavai Institutions, presided over the function. In his presidential address, he insisted the students to utilize such guest lecture to improve their skills on entrepreneurship and he highlighted the importance of the entrepreneurship.

The chief guest Mr.Rex Christi Raj and guest of honor Mrs.J.Amala Ruth (CEO- E-Planet) were honored by Dr.K.K.Ramasamy, Director Administration, Paavai Institutions. The keynote address was given by the guest speaker Mr.Rex Christi Raj, Founder- S.S. AGROW TECH, Namakkal. He addressed that his journey started as a sales representative and then due to his patience, perseverance, self- confidence and hardwork and he elevated to the level of Business entrepreneur. He focused on the entrepreneurial thinking and illustrated with few real time examples. Then he elaborated on "Mindset Building" as a preparatory ground for the entire journey of becoming an Entrepreneur.

He made all the students to realize the significance of developing entrepreneur skills. He rendered his heartfelt thanks to the Management, Director-Admin, Principal, HoD/EEE, EDC and

faculty members of PEC for conducting guest lecture and inviting him. He expressed his sincere gratitude to the College for their support. The session ended around 01:00 p.m. with the vote of thanks proposed by Ms.M.Hemamalini, Final year EEE department.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE**

on

#### **“ENERGY CONSERVATION”**

#### **Guest Speaker**

Mr.V.Kumarakrishnan, & Mrs.S.Suganya,  
Assistant professors,  
EEE,  
Paavai Engineering College

Date : **10<sup>th</sup> January , 2020**  
Time : **10.00 A.M**  
Venue : **Government Higher secondary school,  
Puduchatram**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION  
WITH ENERGY CLUB ORGANIZED GUEST LECTURE On  
ENERGY CONSERVATION**

The Department of EEE, Paavai Engineering College has conducted a Awareness programme lecture on **Energy Conservation** on 10.01.2020 at Government Higher secondary school, puduchatram

Mr.V.Kumarakrishnan, Mrs.S.Suganya, Assistant professors, EEE, Paavai Engineering College, 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.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH ENERGY CLUB ORGANIZED NATIONAL LEVEL**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **WORKSHOP on**

#### **“Particle Swarm Optimization Technique (PSO): Application in Power System”**

#### **Guest Speaker**

**Dr.Kanendra Naidu,**  
Head Electrical Technology Section,  
UniversitiKualalumpur, Malaysia

Date : **25<sup>th</sup> May, 2020**  
Time : **02.00 P.M**  
Venue : **Online Team Ms Meeting**

**ALL ARE WELCOME**



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH  
ENERGY CLUB ORGANIZED National Level Workshop On

Particle Swarm Optimization Technique (PSO): Application in Power System

Resource Person

Dr.Kanendra Naidu,


Head Electrical Technology Section,

Universiti Kuala Lumpur, Malaysia

Recording...

You are viewing Kanendra Naidu's screenView Options

# PSO Algorithm

  
Kanendra Naidu

## Initialization

- Define parameters
  - $no\_particles$  = Population
  - $itmax$  = Maximum number of iteration
  - $D$  = Dimension
  - $ub$  = Upper boundary
  - $lb$  = Lower boundary
  - $Range = ub - lb$  Range
  - $w$  = weight
  - $c1$  &  $c2$  = cognitive and social coefficient
- Evaluate fitness function,  $f(x)$

Unmute

Start Video

Security

Participants

Chat

Share Screen

Pause/Stop Recording

Settings

End



Zoom Meeting    You are viewing Kamendra Naidu's screen    View Options

ANIL KUMAR Y...    P SRIHARI DAT...    Sreevasth...    Sreenu Reddy    RAJESHKUM...

# PSO Algorithm

## Initialization

- Define parameters
  - $no\_particles$  = Population
  - $itmax$  = Maximum number of iteration
  - $D$  = Dimension
  - $ub$  = Upper boundary
  - $lb$  = Lower boundary
  - Range =  $ub - lb$  Range
  - $w$  = weight
  - $c1$  &  $c2$  = cognitive and social coefficient
- Evaluate fitness function,  $f(x)$

Participants (52)

4 people are waiting    Message    Admit all

Narendra Korrapolu  
Narendra Korrapolu  
Venkata Rajesh

52 participants in the meeting

Find a participant

Zoom Group Chat

From A. RAJA to Everyone:  
gud afternoon to all. RAJA DR.M.G.R. UNIVERSITY

From Rajesh Gupta to Everyone:

From P SRINATH DATTABHARANAJ to Everyone:  
audio is low

From jagannath n to Everyone:  
audio is too low

From P SRINATH DATTABHARANAJ to Everyone:  
now audio is good again audio low

To: Everyone or Waiting Room

Type message here...

Unmute    Start Video    Security    Participants    Chat    Share Screen    Pause/Stop Recording    Reactions    End

2:07 PM 3/25/2020

Recording    You are viewing Kamendra Naidu's screen    View Options

PSO

LENIN V R    Sreekanth Mamidala    Kamendra Naidu    Sreenu Reddy 1673044

PSO    Jayabharathi    ANIL KUMAR YA...

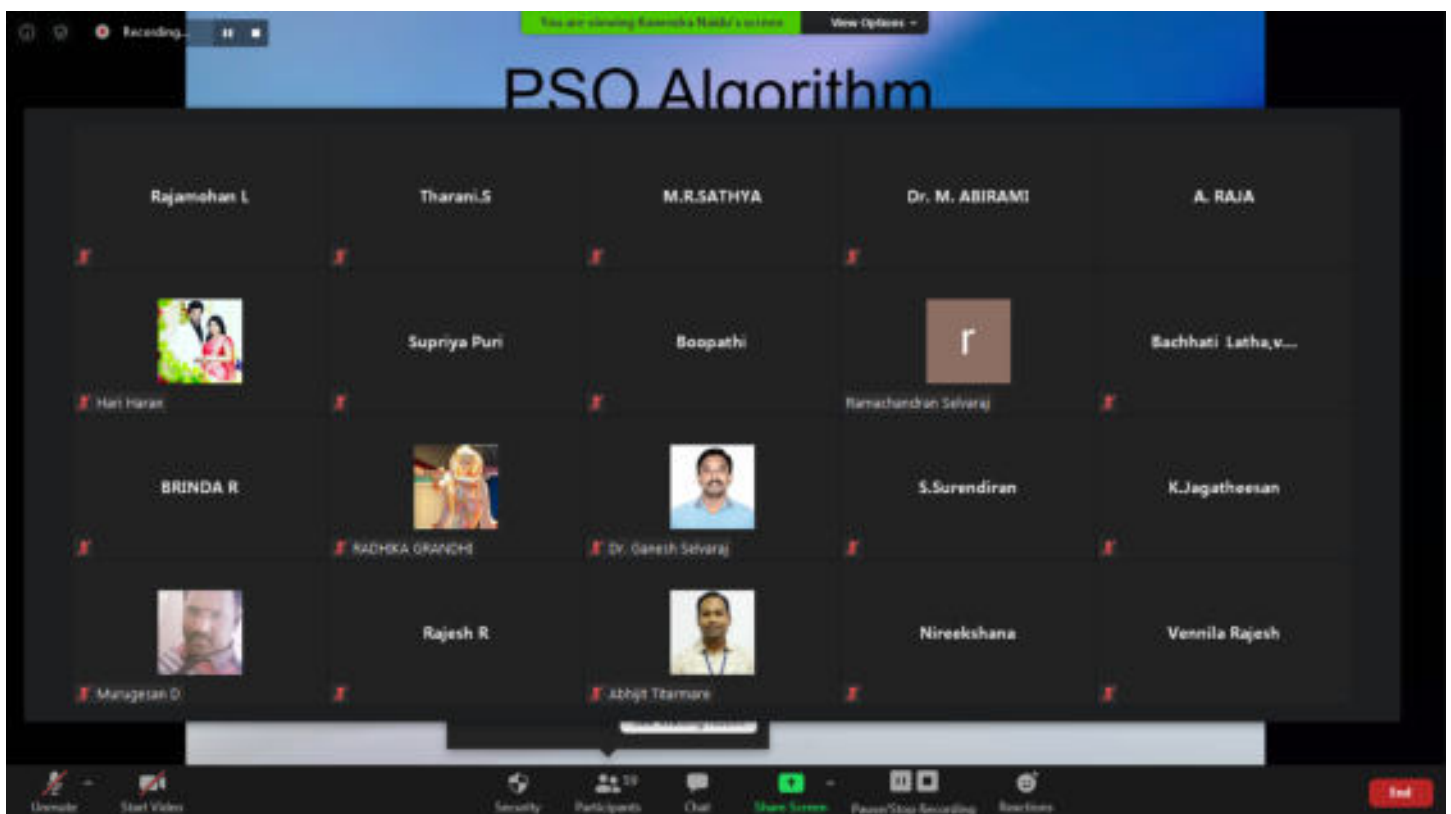
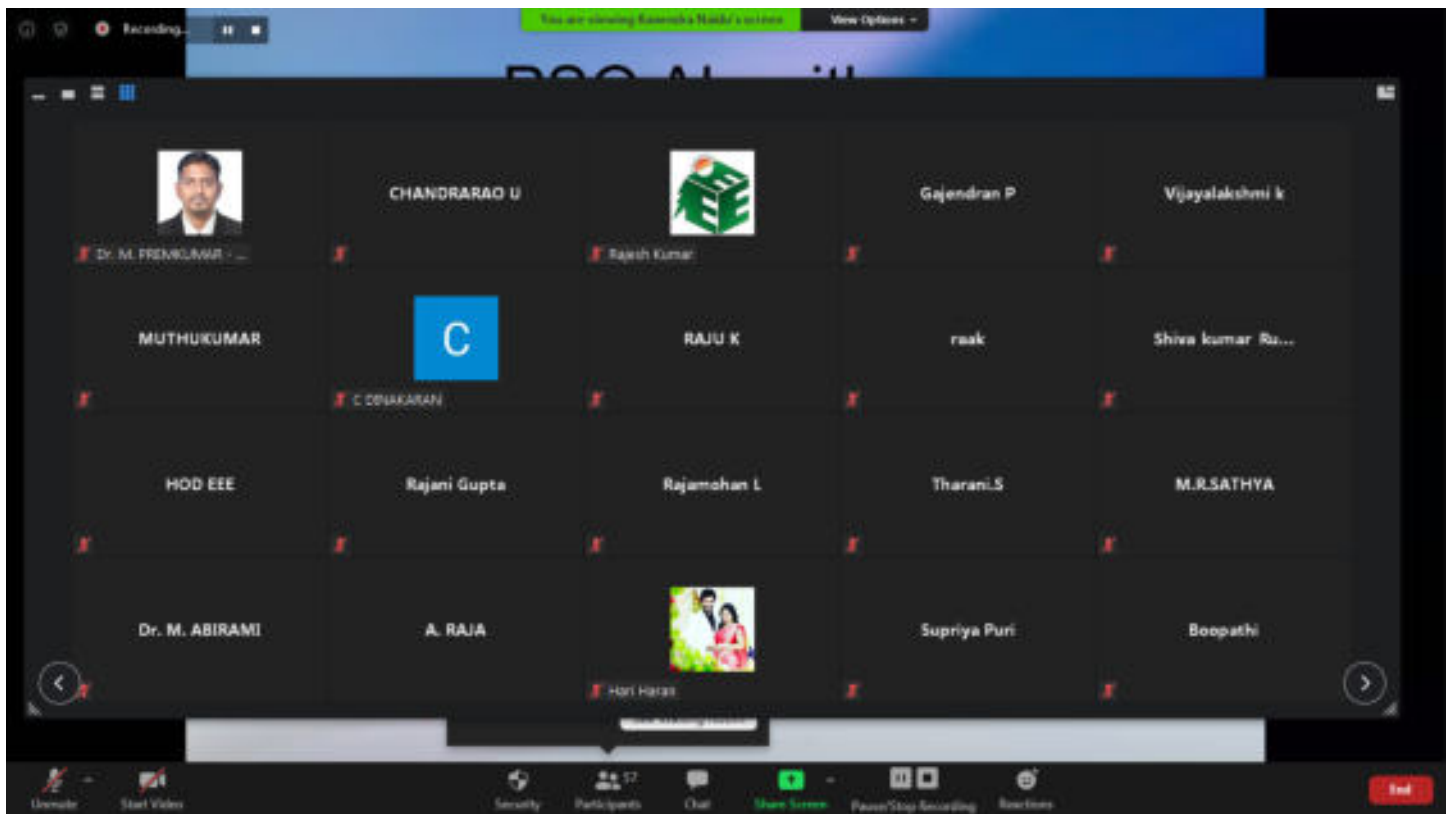
Arisevalli A.    MEGANATHAN T

P SRIHARI DATT...    25bb9fc3    Dr.J.Muruganan...    Anil Kumar Papp...

RAJA SEKAR T    Dr.KARTHIKEYA...    VARAPRASAD K...

Jayalakshmi Subraman...    jagannath n    Saravanan R

Unmute    Start Video    Security    Participants    Chat    Share Screen    Pause/Stop Recording    Reactions    End



Zoom Meeting (Locked)

Recording...

Participants (62)

Find a participant

jagannesh n

Ramachandran Selvam

Saravanan R

V.Kumarabhishek

Invite

Mute All

Zoom Group Chat

From # SISHA DATTABH... to Everyone: 12:13 PM  
now audio is good  
again audio low

From Narsimha Ramulu Pa... to Everyone: 12:13 PM  
Good afternoon all,  
Narsimha Ramulu from EVRIT  
HYDRABAD

From HOD EEE to Everyone: 12:13 PM  
Mjenny, good afternoon all,from roever  
engineering college , Perambalur ,  
tamilnadu, india

To: Everyone (in Waiting Room)

Type message here...

2:51 PM  
3/25/2020

Zoom Meeting (Locked)

Recording...

Speaker View

Participants (62)

Find a participant

jagannesh n

Ramachandran Selvam

Saravanan R

V.Kumarabhishek

Invite

Mute All

Zoom Group Chat

HYDRABAD

From HOD EEE to Everyone:  
Mjenny, good afternoon all,from roever  
engineering college , Perambalur ,  
tamilnadu, india

From Supriya Puri to Everyone:  
pl show matlab code sir

From K Jagathheesan to Everyone:  
All are requested to open ur matlab and  
side by side  
u received via mail already

To: Everyone (in Waiting Room)

Type message here...

2:55 PM  
3/25/2020

Document1 - Microsoft Word

Zoom Meeting (Locked) | You are viewing Karvinda Naik's screen | View Options

K.Jagatheesan | Nireekshana | Shiva kumar Ru... | Sanjay Singh

Recording...

Karvinda Naik has started screen sharing.  
Double-click to enter full screen mode.

Participants (62)

Find a participant

- jagatheesh n
- Ramachandran Selvaraj
- Saravanan R
- V.Kumararathnam

Invite | Mute All

Zoom Group Chat

From HCO III to Everyone 02:32 PM  
Mjenny, good afternoon all, from roover engineering college, Perambalur, tamilnadu, india.

From Supriya Puri to Everyone 02:34 PM  
pl show matlab code sir

From K.Jagatheesan to Everyone 02:35 PM  
All are requested to open ur matlab and side by side u received via mail already m file and PP1 also

To: Everyone (in Waiting Room) | Type message here...

Share Screen | Pause/Stop Recording | Reactions

2:36 PM 3/25/2020



# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **ONE DAY GUEST LECTURE**

on

#### **“Power Quality issues in Commercial and Industrial Applications”**

#### **Guest Speaker**

**Mr. K.Saravanan,**  
Professor,

Faculty of Electrical and Computer Engineering,  
Jimma Institute of Technology,  
Jimma University, Jimma,  
Ethiopia

Date : **30<sup>th</sup> May, 2020**  
Time : **11.30 A.M**  
online meeting : **Zoom Meeting**

**ALL ARE WELCOME**





**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH  
ENERGY CLUB ORGANIZED One day Guest Lecture**

**On  
Power Quality issues in Commercial and Industrial Applications**

The Department of EEE, Paavai Engineering College has 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.

Ms.K.Nisha third year EEE welcomed the gathering and Ms.M.Arunpriya of second year EEE proposed the vote of thanks.



Admission open 2020 - 2021  
Counselling Code - 2611



PAAVAI ENGINEERING COLLEGE  
(Autonomous)  
NH-48, Pachai, Namakkal, Tamilnadu, India



Prof. K. SARAVANAN  
Faculty of Electrical and Computer Engineering,  
Jimma Institute of Technology,  
Jimma University, Jimma, Ethiopia.

## Department of Electrical and Electronics Engineering

Organized

International one-day webinar on  
"Power quality issues in commercial and industrial applications"

### Join Zoom Meeting



Meeting ID: 734 0545 900  
Passcode: 02145



With Warm Regards

Saturday 30<sup>th</sup> May 2020 at 11.30 am



Dr. S. Balaji, HoD /EEE  
9842086138



Dr. A. Arinamin,  
9842086138

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

PAAVAI ENGINEERING COLLEGE, NAMAKKAL

EVENTS 2019-2020

GLOBAL CHALLENGES IN NEW PRODUCT DEVELOPMENT(Research Methodology)



**PAAVAI ENGINEERING COLLEGE**  
(Autonomous)  
NH-44, Pechai, Namakkal - 637 018, Tamil Nadu, India.



**Department of Mechanical Engineering**  
**Presents**  
**ONLINE WEBINAR ON**  
**GLOBAL CHALLENGES IN NEW**  
**PRODUCT DEVELOPMENT**

**RESOURCE PERSON**



**Dr. M. Natarajan**  
Professor and R&D Consultant  
Department of Mechanical Engineering  
Adithya Institute of Technology  
Coimbatore - 641 107

**DATE: 11.06.2020 - Thursday**  
**TIME: 11 AM to 12 NOON**

**APPLICATION:**  
 **CISCO Webex**

**Register Now**



<https://www.nptel.ac.in/Video/ViewVideo.aspx?cid=11062020000000000000>

**NO REGISTRATION FEE**  
**LIMITED SEATS**  
**FIRST COME FIRST SERVE BASIS**



**E-CERTIFICATE WILL BE PROVIDED TO THE PARTICIPANTS**

**Coordinator**  
**Dr. K. Sundara Murthy**  
Professor,  
Department of Mechanical Engineering  
Paandi Engineering College  
**Contact No: 7904991655**

## CHALLENGES IN METAL ADDITIVE MANUFACTURING(Skill Development)



**PAAVAI ENGINEERING COLLEGE**  
(Autonomous)  
NH-44, Pechai, Namakkal - 637 018, Tamil Nadu, India.



Department of Mechanical Engineering  
Presents  
**ONLINE WEBINAR ON**  
**CHALLENGES IN METAL ADDITIVE  
MANUFACTURING**

**RESOURCE PERSON**

DATE: 19.6.2020  
TIME: 11.30AM to 12.30 PM

NO REGISTRATION FEE  
LIMITED SEATS  
FIRST COME FIRST SERVE BASIS



E-CERTIFICATE WILL BE  
PROVIDED TO THE  
PARTICIPANTS



**Dr. A. Vinoth Jebaraj, Ph.D**  
Associate Professor  
Department of Design and Automation,  
School of Mechanical Engineering,  
VIT, Vellore.

**Register Now**



<https://www.pavaicampus.in/online>

**Chairman**  
**Prof. A.P. Sivasubramanian**  
HOD  
Department of Mechanical Engineering  
Pavaai Engineering College

**Coordinator**  
**Dr. K. Sindara Murthy**  
Professor,  
Department of Mechanical Engineering  
Pavaai Engineering College

**Coordinator**  
**Dr. M. Mahesh**  
Professor,  
Department of Mechanical Engineering  
Pavaai Engineering College

Contact No: 704097143

## CREATING A LEAN CULTURE (Skill Development)



**PAAVAI ENGINEERING COLLEGE**  
(Autonomous)  
NH-44, Pechel, Namakkal - 637 018, Tamil Nadu, India.



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Autonomous Council)

Department of Mechanical Engineering  
Presents

**ONLINE WEBINAR ON**

**CREATING A LEAN CULTURE**

**RESOURCE PERSON**

DATE: 27.06.2020, SATURDAY  
TIME: 11 AM to 12 NOON

NO REGISTRATION FEE  
LIMITED SEATS  
FIRST COME FIRST SERVE BASIS



Hosted on  
 Microsoft Teams

E-CERTIFICATE WILL BE  
PROVIDED TO THE  
PARTICIPANTS.

**Mr. SHRAVAN KUMAR B.E., M.B.A.**  
LEAN EXPERT

**Register Now**



<https://forms.gle/5Z0T75LuzYd9wYnc>

**Convener**  
**Prof. A. P. Sivasubramanian**  
HOD  
Department of Mechanical Engineering  
Paavai Engineering College

**Coordinator**  
**Dr. K. Sundara Murthy**  
Professor,  
Department of Mechanical Engineering  
Paavai Engineering College

**Coordinator**  
**Dr. V. Subramaniam**  
Professor,  
Department of Mechanical Engineering  
Paavai Engineering College

Contact No: 790-899163

## ENGINEERING PROJECTS AND EMPLOYABLE SKILLS(Skill Development)



**PAAVAI ENGINEERING COLLEGE**  
(Autonomous)  
NH-44, Pechai, Namakkal - 637 018, Tamil Nadu, India.



DEPARTMENT OF MECHANICAL ENGINEERING  
**PRESENTS**

ONLINE WEBINAR ON  
**"ENGINEERING PROJECTS  
AND EMPLOYABLE SKILLS"**

**RESOURCE PERSON**



**Dr. T. Jayapalan** B.Tech., M.Sc., M.E., Ph.D.  
Professor of Mechanical Engineering,  
School of Mechanical Science,  
Hindustan University, Padur, Chennai - 605 105

DATE: 03.07.2020 - FRIDAY  
TIME: 11 AM to 12 NOON



NO REGISTRATION FEE  
LIMITED SEATS  
FIRST COME FIRST SERVE BASIS



E-CERTIFICATE WILL BE  
PROVIDED TO THE  
PARTICIPANTS

Register Now



<https://forms.gle/DGdc5Bh14Y3E0h7>

**CONVENOR**  
**Prof. A.P. Sivasubramanian**  
HOD  
Department of Mechanical Engineering  
Paavai Engineering College

**COORDINATOR**  
**Dr. K. Sundara Murthy**  
Professor,  
Department of Mechanical Engineering  
Paavai Engineering College

**COORDINATOR**  
**Dr. V. Subbaram**  
Professor,  
Department of Mechanical Engineering  
Paavai Engineering College

Contact No: 790499165



## EVOLUTION OF MANUFACTURING TECHNOLOGY FOR HEAVY VEHICLES (EDC)

**PAAVAI ENGINEERING COLLEGE**  
(Autonomous)  
NH-44, Pechai, Namakkal - 637 018, Tamil Nadu, India.





**Department of Mechanical Engineering**

**ONLINE WEBINAR ON  
EVOLUTION OF MANUFACTURING  
TECHNOLOGY FOR HEAVY VEHICLES**

**Mr R. Padmarajan B.E.,**  
Production Manager,  
BEML LTD.,  
Mysore Division,

**TIME**  
3 PM TO 4 PM

**JULY- 18 - 2020**  
saturday  
**GOOGLE MEET**

**NO REGISTRATION FEE**  
E-CERTIFICATE WILL BE  
PROVIDED TO PARTICIPANTS

**CONVENER**  
Prof.A.P.Sivasubramaniam  
HOD  
Department of Mechanical Engineering  
Peevai Engineering College

**Register Now**  
  
<https://forms.gle/mzTgghvEHWP86c8>

**COORDINATOR**  
Dr. K.Sundara Murthy  
Professor,  
Department of Mechanical Engineering  
Peevai Engineering College  
Contact No: 7904991183

**COORDINATOR**  
Dr.V.Subburam  
Professor,  
Department of Mechanical Engineering  
Peevai Engineering College

## RECENT ADVANCES IN MANUFACTURING (Research Methodology)



**PAAVAI ENGINEERING COLLEGE**  
(Autonomous)  
NH-44, Pechai, Namakkal - 637 018, Tamil Nadu, India.





**Department of Mechanical Engineering**

**ONLINE WEBINAR ON  
RECENT ADVANCES IN MANUFACTURING**



**Dr. G.L. Samuel**  
Professor  
Manufacturing Engineering Section  
Department of Mechanical Engineering  
IIT Madras.

**TIME**  
11 AM to 12NOON

**JULY 22, 2020**  
Wednesday  
GOOGLE MEET

**NO REGISTRATION FEE**  
E-CERTIFICATE WILL BE  
PROVIDED TO PARTICIPANTS

**CONVENER**  
Prof.A.P.Sivasubramaniam  
HOD  
Department of Mechanical Engineering  
Peavai Engineering College

Register Now



<https://forms.gle/XSIVAsinNw7>

**COORDINATOR**  
Dr. K.Sundara Murthy  
Professor,  
Department of Mechanical Engineering  
Peavai Engineering College  
Contact No: 7904991163

**COORDINATOR**  
Dr.V.Subbaram  
Professor,  
Department of Mechanical Engineering  
Peavai Engineering College



## **SCOPE OF NDT (SKILL DEVELOPMENT)**

A guest lecture on the topic of “Scope of NDT (Non-Destructive Testing)” was organized by the Department of Mechanical Engineering on 16.08.2019 in Paavai Engineering College. Mr. Rajesh Subramanian, Plant Inspector, Qatargas (RLTO), Qatar was the chief guest and delivered the special lecture. The program was presided over by Professor A.P.Sivasubramaniam, Head of the Department, Department of Mechanical Engineering, Paavai Engineering College.



## **ENGINEERING METALLURGY AND MANUFACTURING PROCESSES (Research Methodology)**

An alumni guest lecture on the topic of “Engineering Metallurgy and Manufacturing Processes” was organized by the Department of Mechanical Engineering on 16.09.2019 in Paavai Engineering College at Kalam chambers. 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. The programme was presided over by Dr.M.Premkumar, Principal, Paavai Engineering College. Prof.A.P.Sivasubramaniam, Head of Mechanical Engineering Department, Paavai Engineering College and faculty members took part and graced the occasion.



**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**Pachal, Namakkal.**  
**DEPARTMENT OF MECHATRONICS**

**CORPORATE EXPECTATIONS FROM BUDDING ENGINEERS: MYTHS AND REALITIES**

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". Held 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.





# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS ENGINEERING**

The Management, Director Admin, Principal, Deans, HOD  
and Staff Members cordially invite you for the

**Inauguration of Microbytes Innovative Club (MIC)**  
**and**  
**One Day Alumni Guest Lecture**  
**on**

**“CORPORATE EXPECTATIONS FROM BUDDING  
ENGINEERS: MYTHS AND REALITIES”**

By

**Elanchezhiyan. K.G**  
**Executive HR,**  
**Ducen IT Pvt Ltd,**  
**Chennai.**

Date : **22<sup>nd</sup> JULY, 2019**

Time : **10.00 A.M**

Venue : **Kalam Chamber**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**Pachal, Namakkal.**  
**DEPARTMENT OF MECHATRONICS**

**RESEARCH CHALLENGES IN FOG ENVIRONMENT FOR IoT SERVICES**

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, Paavai Engineering College, 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.







**PAAVAI ENGINEERING COLLEGE**  
(AUTONOMOUS)  
Pachal, Namakkal-637 018.

**INVITATION**

**DEPARTMENT OF MECHATRONICS ENGINEERING**

The Management, Director Admin, Principal, Deans, HOD  
and Staff Members cordially invite you for the

Guest Lecture on

**“RESEARCH CHALLENGES IN FOG ENVIRONMENT FOR  
IoT SERVICES”**

By

**Dr. T. Veni,**

**Assistant Professor,**

**Department of Computer Science and Engineering,**

**National Institute of Technology, Calicut,**

**Kozhikode - 673601.**

**Kerala**

Date : 16<sup>th</sup> AUGUST, 2019

Time : 10.00 A.M

Venue : Cute Hall

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**Pachal, Namakkal.**  
**DEPARTMENT OF MECHATRONICS**  
**PYTHON PROGRAMMING**

The Department of Mechatronics organized a guest lecture on the title, “Python Programming”. The session was inaugurated by Dr. M. Premkumar, Principal, Paavai Engineering College, 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. The session was continued on the title “Python Programming”. 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.







**PAAVAI ENGINEERING COLLEGE**  
(AUTONOMOUS)  
Pachal, Namakkal-637 018.

**INVITATION**

**DEPARTMENT OF MECHATRONICS**

The Management, Director Admin, Principal, Deans, HOD  
and Staff Members cordially invite you for the

Guest Lecture on

**“PYTHON PROGRAMMING”**

By

**Mr.R. Arun Balaji,**  
**Managing Director,**  
**Yoi Robotic Laboratory,**  
**Coimbatore.**

Date : **03<sup>rd</sup> FEBRUARY, 2020**

Time : **10.00 A.M**

Venue : **Cute Hall**

**ALL ARE WELCOME**

2019-2020

### **“Develop eyes for your application using AI & EDC CELL”**



**3rd Jul, 2019**

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”. The session was inaugurated at 2.00 p.m. by Dr.K.K.Ramasamy, Director Administration, Paavai Institutions, in the presence of Head of the department IT, faculty members and the participants from various departments of IT, CSE, and MCA students of Paavai .

The keynote address was given by the guest speaker Mr.Kishore Chowdary, C# speaker, MVP, Lead Training Associate, Codesizzer Pvt Ltd. He expressed his sincere gratitude to Paavai Engineering 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 “Develop Eyes For Your Applications Using AI”, in which he gave a brief introduction about application programming interface and detailed about Microsoft .He elaborated the development of Bluetooth using code and listed some companies who actually need coders. He explained the technique to use custom vision and a demo to use custom

vision technique .He also insisted the overview of custom vision, classification and object detection and optimization. He worked out a project by feeding Dr.APJ Abdul Kalam’s photo as input to store the photo in memory of the system so that it could identify the photo wherever it is present in the system. He suggested his fellow juniors to focus on the core engineering opportunities.

He expressed his gratitude to correspondent madam for their constant encouragement and morality which has made him to reach great heights in his life. He rendered his heartfelt thanks to the Management, Head of the Department –IT and the faculty members.

Mrs.M.Shanmika, Third year IT, Paavai Engineering College, welcomed the gathering. The session ended around 4:30p.m. with the vote of thanks proposed by Ms.R.Sornamugi, Final year IT, Paavai Engineering College.

### **“A Road Map for Summer Internship & EDC CELL”: 13.03.2020**



**13th Mar, 2020**

Department of Information Technology, Paavai Engineering College organized a seminar on “Road map for summer Internships in association with INTERNSHALA” on 13th March 2020 at Kalam’s Chamber. The function started with a prayer song. Prof.S.Rajesh ASP/ IT welcomed the gathering of first year students of all branches. In the presidential address, Dr.M.Premkumar Principal, motivated the students by all means by making them to participate themselves in the internship events to excel into the transformation of job

opportunities. Prof.B.Venkatesan,Head of the Department, Information Technology and Mr.C.Natarajan final B.Tech/IT, INTERNSHALA STUDENT PARTNER both addressed the gathering with active participation 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. The vote of thanks was proposed by Mr.S.Sakthivel AP/IT. It was very good learning experience. The Seminar helps the students in understanding about awareness in various internships events in an elaborate manner.

### **“Inauguration of the Growing of Coders Club (GCC) & IT STUDENTS” on 18.12.2019**



**18th Dec, 2019**

Information Technology department of Paavai Engineering College organized “The Growing Coders Club “(GCC) programme of season2 at kalams chamber 0n 18.12.2019. The function started with a prayer song. Dr. M. Premkumar, Principal, was invited and he presided over the function. In his presidential address, he motivated the students of IT department immensely to show case their talents in front of his/her co-students. The GCC season2 was introduced by Mr. B.Venkatesan Head, Department of IT, shared the various new events to be scheduled conducted per month such as paper presentation, Aptitude, Debugging, Programming aptitude, Picture programming connection, Prize distribution. More than 10 of student teams participated in various activities of IT departments of GCC. As the session was very interactive, students exhibited their talents in sincere and interacted enthusiastically. At the end of session the top 3 winners of season 1 were selected and the participants of the first five events were distributed with prizes by our Director Admin, Principal PEC, HOD IT. The



vote of thanks was proposed by Mr.Deenadhayalan AP/IT. Finally, It was very good learning experience .The Valuable suggestions helped the students to understand to be a good citizen.

### **“Cyber Security for Women & EDC CELL”**

### **The Department of IT organized an awareness program on 20.08.2019**



**20th Aug, 2019**

The Department of IT organized an awareness program on the title “Cyber Security for Women”. The session was inaugurated at 10.00 a.m. by Dr. M. PremKumar, Principal, in the presence of Head of the department-IT, faculty members and the participants from departments of IT, CSE, ECE and Bio Medical. In his address, the Principal highlighted the importance of safe and security for women and expressed his concern on Child Abuse. In addition to that, he insisted the importance of moral education, values and transformation of human life. 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. She asserted the introduction of Cyber Security by saying that Confidentiality, Integrity, and

Availability are the pillars of the cyber security. Every student actively participated in the game, that had some information about liberty of rights given to the people. She explained, what happens in a minute in Social media? And also the percentage of users in social media. Later she moved on to the topic of hacking, where there are eight different types of hackers. Followed by her team, they demonstrated how hacking is done by accessing camera of mobile phones & systems and also accessed the user name and password of the people. They also defined the terms of Social engineering, Bit coins, and Cyber bullying. The team rendered their heartfelt thanks to the Management, Head of the Department-IT and the faculty members. Mr. J. Sakthivel, Chair YI YUVA and Chief Technical Officer, welcomed the gathering. The session ended around 12:30 p.m. with the vote of thanks proposed by Mrs. M. Shanmika, Third year IT.

### **“SMART INDIA HACKATHON 2020 & R&D CELL” (SIH : INTERNAL EVENT-2020)**



**23rd Jan, 2020**

Paavai Engineering College organized “Smart India Hackathon 2020 (SIH-2020)” programme on 23th January 2020 at kalams chamber. The function started with a prayer song. Dr. Shyam Prasad Rajasekaran, Founder & CEO-Twirltact Technology Solutions Private Limited, Coimbatore, was invited. The Jury was introduced by Mr. B. Venkatesan Head, Department of IT, Shared his wide experience in different disciplines. The Principal, Paavai Engineering College, presided over the function. In his presidential address, he



emphasized the importance of this session, motivated the student enthusiastically and to learn more from the speaker. More than 25 of student teams from various departments were participated in SIH-2020(Internal Hackathon) to deliver their project details in front of the Jury. As the session was very interactive, students were exhibited their talents in sincere and interacted enthusiastically. In the beginning Dr.Shyam Prasad Rajasekaran gave valuable suggestion in and around the individuals who took part lively in the event. The vote of thanks was proposed by Mr.Rajesh ASP/IT. Finally, It was very good learning experience .The Valuable suggestions helped the students to understand social problems on par with Industrial standard



# **PAAVAI ENGINEERING COLLEGE**

(An Autonomous Institution affiliated to Anna University & AICTE, New Delhi)

## **DEPARTMENT OF CHEMICAL ENGINEERING**

**Organizing**

**One day webinar on**

**OPTIMIZATION AND ERROR PREDICTION BY RSM TOOL**

Date: 08-04-2020

Mode: Online

Guest Speaker

**Dr. N. Sivarajasekar**

Kumaraguru College of Technology, Coimbatore

For Registration

<https://forms.gle/jrTgE6UsG7o5dhJL9>

For further information

**DEPARTMENT OF CHEMICAL ENGINEERING  
PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**

NH—44, PACHAL, NAMAKKAL—637 018

Pecchemicalhod@paavai.edu.in

||

+91 97882 69888

**PAAVAI ENGINEERING COLLEGE (Autonomous)**  
**Department of Chemical Engineering**  
**Organized Webinar**  
**on**  
**OPTIMIZATION AND ERROR PREDICTION BY RESPONSE SURFACE METHOD**  
**(RSM) TOOL**

Paavai Engineering College (Autonomous), Department of Chemical Engineering organized one day workshop on 08-04-2020.

Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, and Dr.M.Premkumar, the principal, Paavai Engineering College (Autonomous), presided over the inaugural function. Mr.G.Srinivasan, HOD, Department of Chemical Engineering, welcomed the director, staff and students. He gave warm welcome to chief guest Dr.N.Sivarajasekar, Kumaraguru College of Technology, Coimbatore.

The chief guest Dr.N.Sivarajasekar addressed about optimization and error prediction by response surface method (RSM) tool. Some of the points are given below. The Response Surface Methodology (RSM) explores the relationships between several explanatory variables and one more response variables. In 1951, George E.P.Box and K.B.Wilson introduced the RSM method. The main idea of RSM is to use a sequence of designed experiments to obtain an optimal response. In order to do this, a second degree polynomial model was suggested by the Box and Wilson who acknowledged that this model is only an approximation, but they use it because such a model is easy to estimate and apply, even when little is known about the process. This method is the most common optimization technique and has been employed in many fields such as exploring chemical and biochemical processes. This technique is used to fit an empirical model to the experimental data. It is important to any system to increase performance in order to increase the yield at low cost. Statistical approaches such as RSM can be employed to maximize the production of a special substance by optimization of operational factors. Of late, for formulation optimization, using proper design of experiments (DoE), the RSM has become extensively used. In contrast to conventional methods, the interaction among process variables can be determined by statistical techniques.

**PAAVAI ENGINEERING COLLEGE, NAMAKKAL – 637018**  
**(AUTONOMOUS)**  
**DEPARTMENT OF CHEMICAL ENGINEERING**

**AICTE Sponsored Online STTP Brochure Slot 1 (26.10.2020 to 31.10.2020) (3 PM to 6 PM)**

***An Awareness Programme- Green Engineering Concepts and Treatment Methods for Farmers in Rural Area***

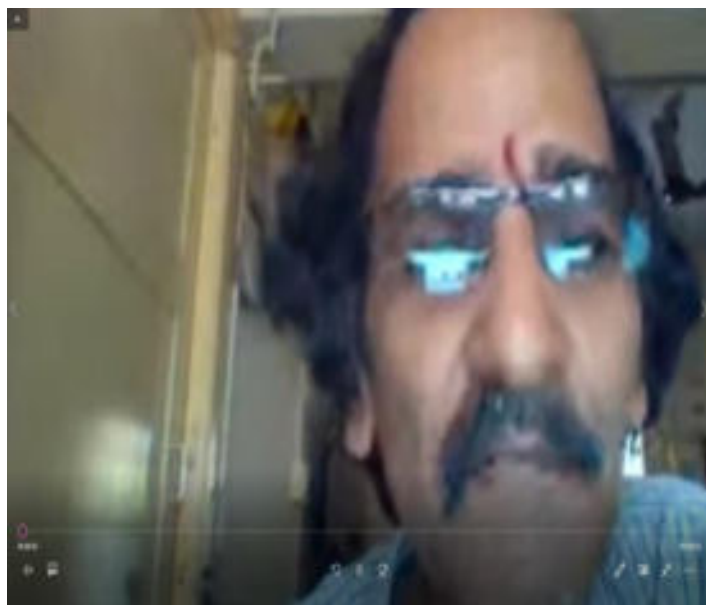
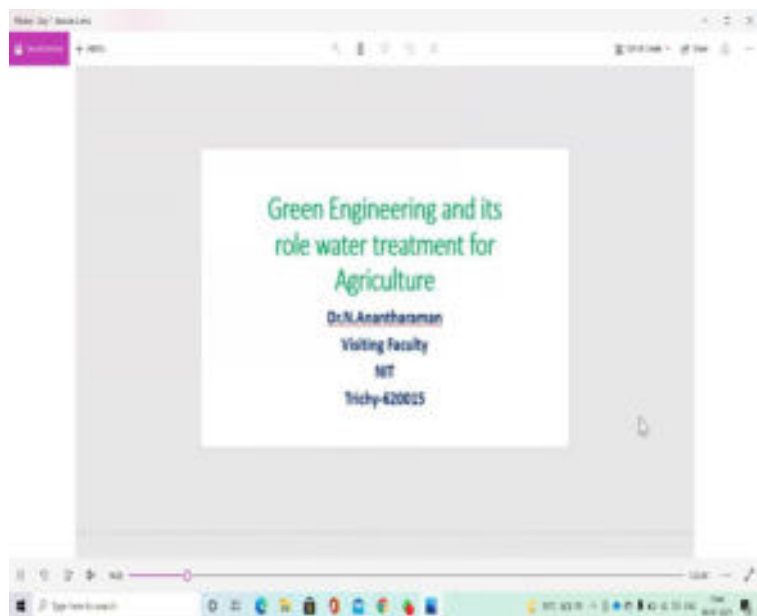
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<div style="display: flex; justify-content: space-between; align-items: center;">  <div> <p><b>AICTE Sponsored Short Term Training (STTP) on</b></p> <p><b>"AN AWARENESS PROGRAMME - GREEN ENGINEERING CONCEPTS AND TREATMENT METHODS FOR FARMERS IN RURAL AREA"</b></p> </div>  </div>		
<p><b>RESOURCE PERSONS</b></p> <p>The sessions will be handled by experts from various reputed institutions and industry</p> <p><b>26.10.2020</b></p> <p><b>Dr. N. Selvaraju</b> Indian Institute of Technology, Guwahati</p> <p><b>Dr. N. Anantharaman</b> National Institute of Technology, Trichy.</p> <p><b>27.10.2020</b></p> <p><b>Dr. R. Balasubramanian</b> Anna University, Chennai.</p> <p><b>Dr. K. Saravanan</b> Kongu Engineering College, Perundurai.</p> <p><b>28.10.2020</b></p> <p><b>Dr. R. Jaganmohan</b> Indian Institute of Food Processing Technology, Thanjavur.</p> <p><b>Dr. C. Karthikeyan</b> Annamalai University, Chidambaram.</p> <p><b>29.10.2020</b></p> <p><b>Mr. S. Saravanan</b> CEO, SP Enviro Tech solution, Tirupur.</p> <p><b>Mr. N. Rajkumar</b> AE, Tamil Nadu Pollution Control Board, Erode</p>	<p><b>30.10.2020</b></p> <p><b>Dr. S. Sivamani</b> Salem College of Technology, Salem, Oman.</p> <p><b>Dr. J. Prakashmaran</b> Periyar University, Salem.</p> <p><b>31.10.2020</b></p> <p><b>Dr. S. Sasikumar Elumalai</b> Scientist-C, CIAB, Mohali, Punjab.</p> <p><b>Mr. Sarvanikumar</b> Cotton Blossom India Private Limited, Perundurai.</p> <p><b>Dr. G. Srinivasan</b> Paavai Engineering College, Namakkal.</p> <p style="text-align: center;">*****</p> <p><b>WHO SHOULD ATTEND?</b></p> <ul style="list-style-type: none"> <li>Registration is open to faculty members of the AICTE approved institutions.</li> <li>No fee will be charged to faculty members.</li> </ul> <p><b>SELECTION PROCESS</b></p> <ul style="list-style-type: none"> <li>Participants are limited.</li> <li>The selection will be based on first-come-first-serve basis and the selected candidates will be informed through email.</li> </ul>	<p><b>IMPORTANT DATES</b></p> <ul style="list-style-type: none"> <li>Registration commences: 17/10/2020</li> <li>Last date of registration : 22/10/2020</li> <li>Intimation of selection : 23/10/2020</li> </ul> <p><b>MODE OF TRAINING</b></p> <ul style="list-style-type: none"> <li>Through online mode</li> </ul> <p><b>REGISTRATION LINK</b></p> <p><a href="https://forms.gle/b-4eU6G3L3GkMG1H9C9">https://forms.gle/b-4eU6G3L3GkMG1H9C9</a></p> <div style="text-align: center;">  </div> <p><b>CERTIFICATES WILL BE ISSUED</b></p> <ul style="list-style-type: none"> <li>Based on the session attendance and the test performance at the end of the programme, certificates will be issued.</li> </ul>

**PAAVAI ENGINEERING COLLEGE, NAMAKKAL – 637018**  
**(AUTONOMOUS)**  
**DEPARTMENT OF CHEMICAL ENGINEERING**

**AICTE Sponsored Online STTP Schedule Slot 1 (26.10.2020 to 31.10.2020) (3 PM to 6 PM)**

***An Awareness Programme- Green Engineering Concepts and Treatment Methods for Farmers in Rural Area***



Agriculture is the practice of cultivating plants and livestock. Agriculture was the key development in the rise of sedentary human civilization, whereby farming of domesticated species created food surpluses that enabled people to live in cities. Indian agriculture is plagued by several problems; some of them are natural and some others are manmade. Our farmers do not have properly record their incomes and expenses. Most of the time, they spend more when they have more due to illiteracy. There are frequent litigations among farmers directly or indirectly.



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**AICTE Sponsored Online STTP Brochure Slot 2 (08.11.2020 to 13.11.2020) (3 PM to 6 PM)**

***An Awareness Programme- Green Engineering Concepts and Treatment Methods for Farmers in Rural Area***

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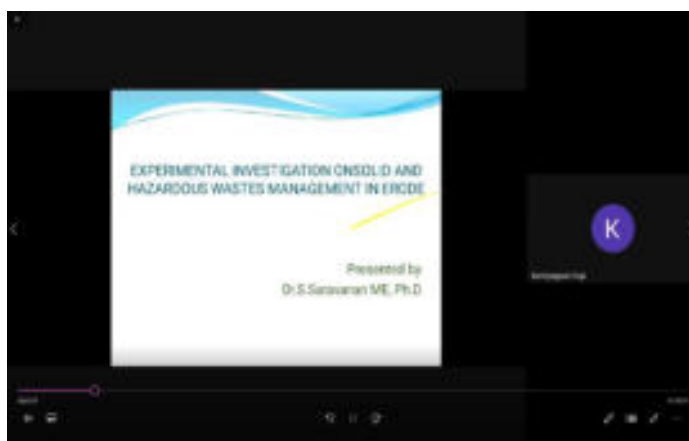
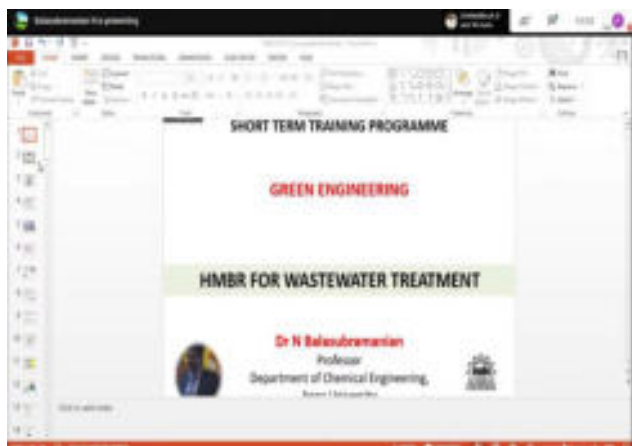
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<p><b>RESOURCE PERSONS</b></p> <p>The sessions will be handled by experts from various reputed institutions and industry</p> <p><b>08.11.2020</b></p> <p><b>Dr. Saravanan Pichaiiah</b> Indian Institute of Technology (ISM), Dhanbad</p> <p><b>Mr. S. Subramanian</b> Executive Director, ECO Chem. Pvt. Ltd., Tirupur.</p> <p><b>09.11.2020</b></p> <p><b>Dr. S. Saravananurugan</b> CIAB, Mohali.</p> <p><b>Mr. S. Saravanan</b> CEO, SP Enviro Tech Pvt. Ltd., Tirupur.</p> <p><b>10.11.2020</b></p> <p><b>Dr. V. Sivalakumar</b> Anna University, Chennai</p> <p><b>Dr. S. Chittibabu</b> Indian Institute of Food Processing Technology, Thanjavur</p> <p><b>11.11.2020</b></p> <p><b>Dr. R. Baskar</b> Kangu Engineering College, Erode.</p> <p><b>Dr. N. Sivarajasekar</b> Kumaraguru College of Technology, Coimbatore.</p>	<p><b>12.11.2020</b></p> <p><b>Dr. M. Surinagarayanan</b> Principal Scientist, CLRI, Chennai</p> <p><b>Dr. M. Rajasimman</b> Annamalai University, Chidambaram.</p> <p><b>13.11.2020</b></p> <p><b>Dr. Naveen Prasad</b> Salalah College of Technology, Salalah, Oman.</p> <p><b>Dr. A. Seenivasan</b> National Institute of Technology, Andhra Pradesh.</p> <p><b>Dr. G. Srinivasan</b> Paavai Engineering College, Namakkal.</p> <p style="text-align: center;">*****</p> <p><b>WHO SHOULD ATTEND?</b></p> <ul style="list-style-type: none"> <li>Registration is open to faculty members of the AICTE approved institutions.</li> <li>No fee will be charged to faculty members.</li> </ul> <p><b>SELECTION PROCESS</b></p> <ul style="list-style-type: none"> <li>Participants are limited.</li> <li>The selection will be based on first-come-first-serve basis and the selected candidates will be informed through email.</li> </ul>	<p><b>IMPORTANT DATES</b></p> <ul style="list-style-type: none"> <li>Registration commences: 02/11/2020</li> <li>Last date of registration: 06/11/2020</li> <li>Intimation of selection: 07/11/2020</li> </ul> <p><b>MODE OF TRAINING</b></p> <ul style="list-style-type: none"> <li>Through online mode</li> </ul> <p><b>REGISTRATION LINK</b></p> <p><a href="https://forms.gle/gtTai2sFGsTH3L787">https://forms.gle/gtTai2sFGsTH3L787</a></p> <div style="text-align: center;">  </div> <p><b>CERTIFICATES WILL BE ISSUED</b></p> <ul style="list-style-type: none"> <li>Based on the session attendance and the test performance at the end of the programme, certificates will be issued.</li> </ul>



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**(AUTONOMOUS)**  
**DEPARTMENT OF CHEMICAL ENGINEERING**

**AICTE Sponsored Online STTP Schedule Slot 2 (08.11.2020 to 13.11.2020) (3 PM to 6 PM)**

***An Awareness Programme- Green Engineering Concepts and Treatment Methods for Farmers in Rural Area***



Agriculture is the practice of cultivating plants and livestock. Agriculture was the key development in the rise of sedentary human civilization, whereby farming of domesticated species created food surpluses that enabled people to live in cities. Indian agriculture is plagued by several problems; some of them are natural and some others are manmade. Our farmers do not have properly record their incomes and expenses. Most of the time, they spend more when they have more due to illiteracy. There are frequent litigations among farmers directly or indirectly. In this STTP program we are about to discuss all the advancements and problems associated with in agricultural sector.

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**AICTE Sponsored Online STTP Brochure Slot 3 (23.11.2020 to 28.11.2020) (3 PM to 6 PM)**

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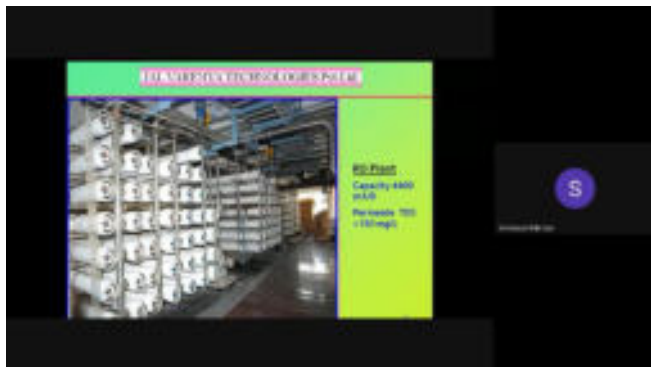
  

<p><b>AICTE Sponsored Short Term Training (STTP) on</b></p> <p><b>"AN AWARENESS PROGRAMME - GREEN ENGINEERING CONCEPTS AND TREATMENT METHODS FOR FARMERS IN RURAL AREA"</b></p> <div style="display: flex; justify-content: space-between;">   </div>		
<p><b>RESOURCE PERSONS</b></p> <p>The sessions will be handled by experts from various reputed institutions and industry</p> <p><b>23.11.2020</b></p> <p><b>Dr. V. Sivasubramanian</b> National Institute of Technology, Calicut.</p> <p><b>Dr. K. V. Radha</b> Anna University, Chennai.</p> <p><b>24.11.2020</b></p> <p><b>Mr. Shrivankumar</b> GM, Cotton Blossom India Limited, Perundurai.</p> <p><b>Dr. S. Saravanan</b> Annamalai University, Chidambaram.</p> <p><b>25.11.2020</b></p> <p><b>Dr. S. Venkatesan</b> Anna University, Trichy Campus.</p> <p><b>Dr. Ravikumar</b> AE, Tamilnadu Pollution Control Board</p> <p><b>26.11.2020</b></p> <p><b>Mr. Moorthy</b> Senior Chemist, ADNOC, Abu Dhabi, UAE.</p> <p><b>Dr. I. Ganesh Moorthy</b> Kamaraj College of Engineering and Technology, Madurai</p>	<p><b>27.11.2020</b></p> <p><b>Dr. N. Anantharaman</b> National Institute of Technology, Trichy</p> <p><b>Mr. S. Saravana Krishnan</b> Executive Engineer, Qatar.</p> <p><b>28.11.2020</b></p> <p><b>Dr. Sasikumar Elumalai</b> CIAB, Mohali.</p> <p><b>Dr. K. Senthil Kumar</b> Kongu Engineering college, Erode.</p> <p><b>Dr. G. Srinivasan</b> Paavai Engineering College, Namakkal.</p> <p style="text-align: center;">*****</p> <p><b>WHO SHOULD ATTEND?</b></p> <ul style="list-style-type: none"> <li>Registration is open to faculty members of the AICTE approved institutions.</li> <li>No fee will be charged to faculty members.</li> </ul> <p><b>SELECTION PROCESS</b></p> <ul style="list-style-type: none"> <li>Participants are limited.</li> <li>The selection will be based on first- come- first- serve basis and the selected candidates will be informed through email.</li> </ul>	<p><b>IMPORTANT DATES</b></p> <ul style="list-style-type: none"> <li>Registration commences: 15/11/2020</li> <li>Last date of registration : 22/11/2020</li> <li>Intimation of selection : 22/11/2020</li> </ul> <p><b>MODE OF TRAINING</b></p> <ul style="list-style-type: none"> <li>Through online mode</li> </ul> <p><b>REGISTRATION LINK</b></p> <p><a href="https://for.mn.edu/en/71WwutH8A5wv6">https://for.mn.edu/en/71WwutH8A5wv6</a></p> <div style="text-align: center;">  </div> <p><b>CERTIFICATES WILL BE ISSUED</b></p> <ul style="list-style-type: none"> <li>Based on the session attendance and the test performance at the end of the programme, certificates will be issued.</li> </ul>

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**PAAVAI ENGINEERING COLLEGE, NAMAKKAL – 637018**  
**(AUTONOMOUS)**  
**DEPARTMENT OF CHEMICAL ENGINEERING**

**AICTE Sponsored Online STTP Brochure Slot 4 (14.12.2020 to 19.12.2020) (3 PM to 6 PM)**

***An Awareness Programme- Green Engineering Concepts and Treatment Methods for Farmers in Rural Area***

<p><b>ABOUT THE INSTITUTION</b></p> <p>PAAVAI ENGINEERING COLLEGE (An Autonomous Institution) was founded in the year 2003 and promoted by PAAVAI VARAM EDUCATIONAL TRUST with the basic principle of providing purposeful, goal oriented technical education establishing a center of excellence in Engineering and Technology. The College is approved by AICTE, accredited by NBA and NAAC (UGC) with "A" grade and affiliated to Anna University, Chennai. The Vision of the College is to strive to be a global model institution all set for taking a 'lead-role' in grooming the younger generation to be socially responsible and professionally competent to face the challenges ahead. It has obtained research grants from ICMR, AICTE, TNSCST, MHRD and other funding agencies. The College attracts outstanding students by virtue of its discipline, modern infrastructure, good library and excellent facilities. The Sources of Excellence are IIT Bombay's Resource Center, EMCs Academic Alliance, ORACLE Academy, PaavaiSoft Innovation Center, and Infosys Campus Connect.</p> <p><b>ABOUT THE DEPARTMENT</b></p> <p>The Department of Chemical Engineering came into existence in the year of 2015. The Department offers Undergraduate Programme in Chemical Engineering. The department is much focused to deliver a high quality of education to the students. It has well equipped laboratories for the students to enhance themselves with practical applications. The Department creates opportunities for its students to think out of box in order to get molded as world class professionals and capable of contributing to the welfare and development of societies. The faculty members are having good research, teaching experience and have registered for five Patents. The faculty members have received research grants from AICTE, TNSCST, FAER and other funding agencies. The Department constantly motivates the students and faculty members for the collaborative projects and research groups.</p>	<p style="text-align: center;"><b>ORGANISING COMMITTEE</b></p> <p><b>CHIEF PATRONS</b></p> <p><b>Smt. CA. N. V. Natarajan</b> Chairman, Paavai Institutions.</p> <p><b>Smt. Mangai Natarajan</b> Correspondent, Paavai Institutions.</p> <p><b>PATRONS</b></p> <p><b>Dr. K. K. Ramasamy</b> Director - Administration, Paavai Institutions.</p> <p><b>Dr. M. Premkumar</b> Principal, Paavai Engineering College.</p> <p><b>CONVENER</b></p> <p><b>Dr. G. Srinivasan</b> Professor &amp; Head, Department of Chemical Engineering.</p> <p><b>ORGANISING SECRETARIES</b></p> <p><b>Mr. D. Sreenivasan</b> Assistant Professor (S.G.)      <b>Mr. D. Dhanaraja</b> Assistant Professor (S.G.)</p> <p><b>COORDINATORS</b></p> <p><b>Dr. K. Gopi</b> Associate Professor (+918760252376)      <b>Mr. M. G. Karthik</b> Assistant Professor (+919443058716)</p> <p><b>ORGANISING COMMITTEE MEMBERS</b></p> <p><b>Ms. S. Nivedha</b>, Assistant Professor  <b>Mr. K. Prasanna</b>, Assistant Professor  <b>Ms. V. A. Aishwarya</b>, Assistant Professor  <b>Mr. D. Alwin Johnie</b>, Assistant Professor  <b>Mr. S. Gowtham Kumar</b>, Assistant Professor  <b>Mr. M. D. S. Rajaruban</b>, Assistant Professor  <b>Ms. C. Manisha</b>, Assistant Professor</p> <p><i>If any queries reg. registration contact "The Coordinators"</i></p>	<p style="text-align: center;"><b>AICTE Sponsored Short Term Training Program (STTP) on</b></p> <p style="text-align: center;"><b>AN AWARENESS PROGRAMME - GREEN ENGINEERING CONCEPTS AND TREATMENT METHODS FOR FARMERS IN RURAL AREA</b></p> <p style="text-align: center;"><b>Series IV : 14.12.2020 - 19.12.2020</b></p> <p style="text-align: center;"><b>Organised by</b></p> <div style="text-align: center;">  </div> <p style="text-align: center;"><b>Department of Chemical Engineering</b>  <b>PAAVAI ENGINEERING COLLEGE</b>          NH-44, Pachai, Namakkal-637018          (An Autonomous Institution Affiliated to Anna University, Chennai)</p> <p style="text-align: center;"><a href="https://pec.paavai.edu.in">https://pec.paavai.edu.in</a></p> <p style="text-align: center;"><b>in association with AICTE</b></p> <div style="text-align: center;">  </div>
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 <b>AICTE Sponsored Short Term Training Program (STTP) on</b> <b>"AN AWARENESS PROGRAMME - GREEN ENGINEERING CONCEPTS AND TREATMENT METHODS FOR FARMERS IN RURAL AREA"</b> 		
<p><b>RESOURCE PERSONS</b></p> <p>The sessions will be handled by experts from various reputed institutions and industry</p> <p><b>14.12.2020</b></p> <p><b>Mr. V. B. Vibin</b> Senior Engineer (Operation), RCF Ltd, Mumbai.</p> <p><b>Dr. R. Haribabu</b> National Institute of Technology, Calicut.</p> <p><b>15.12.2020</b></p> <p><b>Mr. Muhammed Nujoom</b> MD, ECOWE Pure Water Solution, Kerala.</p> <p><b>Mr. N. Velmurugan</b> ETP Manager, Cetron Blossom India Limited, Perundurai.</p> <p><b>16.12.2020</b></p> <p><b>Dr. R. Vivek</b> BITS Pilani, K. K. Birla Goa Campus.</p> <p><b>Mr. Muhammed Kanni</b> Manager, CETP, Tirupur.</p> <p><b>17.12.2020</b></p> <p><b>Mr. Mohammed Merzook</b> Sr. Engineer, ADNOC, Abu Dhabi, UAE.</p> <p><b>Mr. P. Anand</b> Assistant Engineer, MTPS, Mettur.</p>	<p><b>18.12.2020</b></p> <p><b>Mr. M.S. Vinoth</b> Assistant Engineer, TNPCB, Perundurai.</p> <p><b>Mr. S. Saravanan</b> CEO, SP Enviro Tech Pvt. Ltd., Tirupur.</p> <p><b>19.12.2020</b></p> <p><b>Mr. Sachinsangameswaran</b> Commissioning Engineer, Samsung Engineering, New Delhi.</p> <p><b>Dr. Chandrakant S. Sarkar</b> Chartered Engineer &amp; Consultant, New Delhi.</p> <p><b>VOTE OF THANKS</b></p> <p><b>Dr. G. Srinivasan</b> Paavai Engineering College, Namakkal.</p> <p style="text-align: center;">*****</p> <p><b>WHO SHOULD ATTEND?</b></p> <ul style="list-style-type: none"> <li>Registration is open to faculty members and students of the AICTE approved institutions.</li> <li>No fee will be charged to faculty members.</li> </ul> <p><b>SELECTION PROCESS</b></p> <ul style="list-style-type: none"> <li>Participants are limited.</li> <li>The selection will be based on first-come-first-serve basis and the selected candidates will be informed through email.</li> </ul>	<p><b>IMPORTANT DATES</b></p> <ul style="list-style-type: none"> <li>Registration commences: 09/12/2020</li> <li>Last date of registration : 13/12/2020</li> <li>Intimation of selection : 13/12/2020</li> </ul> <p><b>MODE OF TRAINING</b></p> <ul style="list-style-type: none"> <li>Through online mode</li> </ul> <p><b>REGISTRATION LINK</b></p> <p><a href="https://forms.gle/KWDjarw4R6kky1n8">https://forms.gle/KWDjarw4R6kky1n8</a></p> <div style="text-align: center;">  </div> <p><b>CERTIFICATES WILL BE ISSUED</b></p> <ul style="list-style-type: none"> <li>Based on the session attendance and the test performance at the end of the programme, certificates will be issued.</li> </ul>

**PAAVAI ENGINEERING COLLEGE, NAMAKKAL – 637018**  
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**DEPARTMENT OF CHEMICAL ENGINEERING**

**AICTE Sponsored Online STTP Schedule Slot 4 (14.12.2020 to 19.12.2020) (3 PM to 6 PM)**

***An Awareness Programme- Green Engineering Concepts and Treatment Methods for Farmers in Rural Area***



Agriculture is the practice of cultivating plants and livestock. Agriculture was the key development in the rise of sedentary human civilization, whereby farming of domesticated species created food surpluses that enabled people to live in cities. Indian agriculture is plagued by several problems; some of them are natural and some others are manmade. Our farmers do not have properly record their incomes and expenses. Most of the time, they spend more when they have more due to illiteracy. There are frequent litigations among farmers directly or indirectly. In this STTP program we are about to discuss all the advancements and problems associated with in agricultural sector.



# **PAAVAI ENGINEERING COLLEGE**

(An Autonomous Institution affiliated to Anna University & AICTE, New Delhi)

## **DEPARTMENT OF FOOD TECHNOLOGY**

*Organizing*

**One day webinar on**

## **RECIRCULATION OF FOOD WASTE MANAGEMENT**

Date: 24 /04/2020

Mode: Online

*Guest Speaker*

**Dr. R. Jaganmohan**

Indian Institute of Food Processing Technology, Thanjavur, Tamilnadu

*For Registration*

**<https://forms.gle/jiiCoCSnLmpPbLyP7>**

*For further information*

**Department of Food Technology**

**PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**

NH—44, PACHAL, NAMAKKAL—637 018

Pecchemicalhod@paavai.edu.in

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+91 97882 69888



**PAAVAI ENGINEERING COLLEGE (Autonomous)**

**Department of Chemical Engineering**

**Organized Webinar**

**On**

**RECIRCULATION OF FOOD WASTE MANAGEMENT**

Paavai Engineering College (Autonomous), Department of Chemical Engineering organized webinar on 24-04-2020.

Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, and Dr.M.Premkumar, the principal, Paavai Engineering College (Autonomous), presided over the inaugural function. Mr.G.Srinivasan, HOD, Department of Chemical Engineering, welcomed the director, staff and students. He gave warm welcome to chief guest Dr.R.JAGANMOHAN, Indian Institute of Food Processing Technology, Thanjavur, Tamilnadu.

The chief guest Dr.R.JAGANMOHAN addressed on Recirculation of Food Waste Management. Some of his points are given below. Food waste or food loss is food that is not eaten by people. Food waste is mainly involved in functions such marriage, reception and in hotels due to surplus foods. In addition, food waste occurs during cooking, distribution, packing and consumption. Almost one third of all food produced is wasted. Food waste is one of the environmental issues and causes climate change. In 2014, the food and agricultural organization estimated that food waste causes global economic, environmental and social cost of \$2.6 trillion a year. Further it is responsible for 8% global greenhouse gas emission. Suppose, if food waste is not handled or reclaimed properly, i.e., through composting, it can cause many environmental problems. Landfill method is also done to dispose the waste food but it generates greenhouse gas methane by anaerobic digestion of the organic matter. Moreover food waste reduces the quality of water, land and other resources. Thus reduction of food waste is an important part of developing a sustainable economy and is an important cut off of environmental impact of agriculture.



# **PAAVAI ENGINEERING COLLEGE**

(An Autonomous Institution affiliated to Anna University & AICTE, New Delhi)

## **DEPARTMENT OF FOOD TECHNOLOGY**

Organizing

**One day webinar on**

## **RECENT TRENDS IN DRUG DELIVERY SYSTEMS**

Date: 21 /05/2020

Mode: Online

Guest Speaker

**Dr. V.SIVAKUMAR**

Paavai College of Pharmacy and Research

Namakkal

For Registration

<https://forms.gle/ChqWl94DzNpHsEzL9>

For further information

**Department of Food Technology**

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**PAAVAI ENGINEERING COLLEGE (Autonomous)**

**Department of Chemical Engineering**

**Organized Webinar**

**on**

**RECENT TRENDS IN DRUG DELIVERY SYSTEMS**

Paavai Engineering College (Autonomous), Department of Chemical Engineering organized webinar on 21-05-2020.

Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, and Dr.M.Premkumar, the principal, Paavai Engineering College (Autonomous), presided over the inaugural function. Mr.G.Srinivasan, HOD, Department of Chemical Engineering, welcomed the director, staff and students. He gave warm welcome to chief guest Dr.V.SIVAKUMAR, Paavai College of Pharmacy and Research, Namakkal.

The chief guest Dr.V.SIVAKUMAR addressed on Recent Trends in Drug Delivery Systems. Some of the points are given below. Drug delivery is defined as approaches, formulations, technologies and systems for transporting pharmaceutical compounds in the patient body so that therapeutic effects of drugs are optimum on specific target organs or tissues. The main aim of Drug delivery system is to reduce drug degradation and loss and further to improve bioavailability and to prevent side effects. It might involve facilitating systematic pharmacokinetics and is typically concerned with both quantity and duration of drug presence. Drug delivery is often approached via a drug delivering organic systems such as liposomes, micelles, vesicles, nerve fiber polymers, nanoparticles, liquid crystals, microspheres, implants. In recent year, researches are advanced on drug delivering organic compounds because simpler routes of administration. These new approaches can reduce solvency problems and protects the drugs from the external environment, for examples, photo degradation and pH changes. Oral administration is one of the most convenient methods for drug delivery system. Implantable Delivery Systems are implantable devices which are polymeric devises of various shapes and introduced into body tissue. Biocompatibility (ability of a material to perform with an appropriate host response in a specific situation) of implants is most important. The limitations of this type of devices are possibility of infection and irritation of implants. This type of delivery systems is mainly involved in diabetes, cancer, cardiovascular diseases and brain diseases.

**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

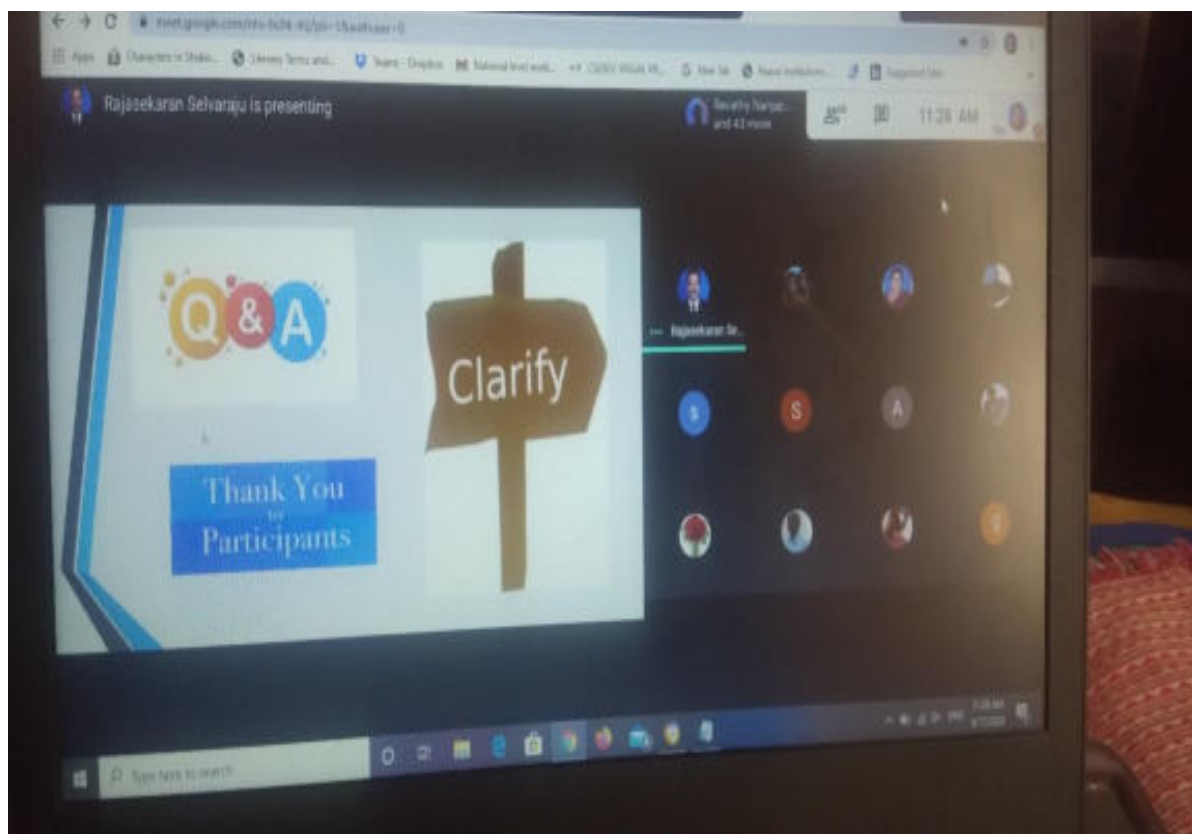
**One Day Webinar on “Introduction to Middleware Technologies”**

The department of MCA organized Webinar on “Introduction to Middleware Technologies” on 8<sup>th</sup> August 2020. Dr. Singara Vadivel, IC Developer, Telecommunication Scientist at AT&T Bell labs, with the team members of C-language creators to develop Telecom platforms, USA, was the chief guest for the function. The function started on a divine note Mrs. V. Annapoorani of Dept MCA welcomed the gathering. The function was presided over by Mr. S. Senthil Velan, Associate Professor, Paavai Engineering College.

The chief guest, Dr. Singara Vadivel, in his keynote address, instructed the Final year MCA students to gain the basics of every subject associated with them and to get 100% employability. He briefed the staff members about Middleware Development Process, Project Team Hierarchy like Head of Development, System analyst, Project Manager, Business Manager, Software Development Manager, Quality Manager and their roles in Software Development. He explained in detail about hiring process steps involved the need, plan, job description, post and promote job openings, recruiting, applicant screening, interviews, applicant talent assessment, hiring and on boarding. Then, he narrated software development trends, challenges in software development, primary programming language, tools used for project management, source code management tools, hiring criteria, developer performance, delivery problems in software teams and project execution trends, methods with live examples.

The sessions were highly interactive and the queries of the students were clearly clarified by the resource person. The students and staff members were able to understand middleware development process concepts and develop the software along with the latest technology.

Earlier, Introduction of the chief guest was given by Mrs.V.Annapoorani of MCA Dept. The function concluded with vote of thanks by Mr. S. Senthil Velan, Heads of various departments and faculty members participated in the guest lecture programme and made it a grand success. Students from MCA department and CSe, IT Dept staff members actively participated with full zeal and were benefitted by this programme.



**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

**One Day Webinar on “Data Science and its Applications”**

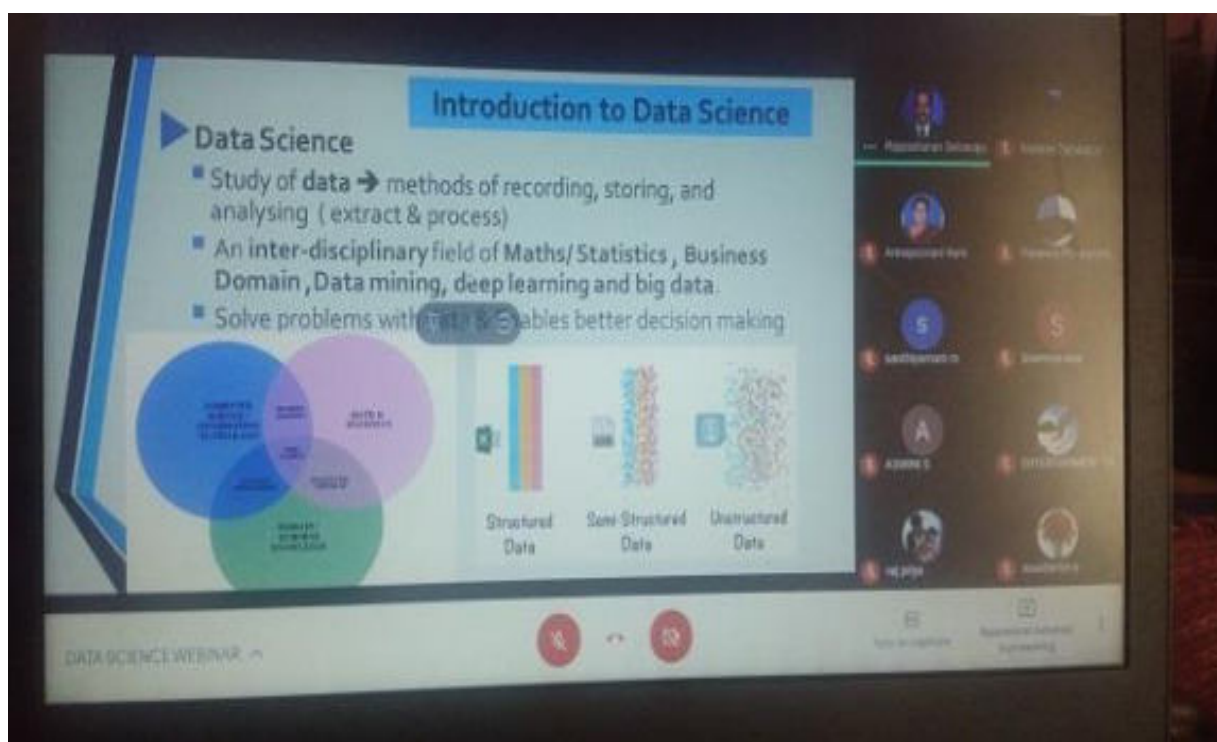
The department of MCA organized Webinar on “Data Science and its Applications” on 17<sup>th</sup> August 2020. Dr.S.Rajasekaran and Dr.Mastan vali Shaik, both are working as a Associate Professor and Registrar of Dept. of IT, IBRI College of Technology, Sultanate of OMAN, was the chief guest for the function. The function started on a divine note Mrs. V. Annapoorani of Dept MCA welcomed the gathering. The function was presided over by Mr. S. Senthil Velan, Associate Professor, Paavai Engineering College.

The chief guest, Dr.S.Rajasekaran and Dr.Mastan vali Shaik, in their keynote address, explained in detail about hiring process steps involved the need, plan, job description, post and promote job openings, recruiting, applicant screening, interviews, applicant talent assessment, hiring and on boarding. Then, they narrated Data Science development trends, challenges in Data Science development, primary programming language, tools used for project management, source code management tools, hiring criteria, developer performance, delivery problems in Data Science teams and project execution trends, methods with live examples.



The sessions were highly interactive and the queries of the students were clearly clarified by the resource person. The students and staff members were able to understand Data Science process concepts and manage the database along with the latest technology.

Earlier, Introduction of the chief guests was given by Mrs.V.Annapoorani of MCA Dept. The function concluded with vote of thanks by Mr. S. Senthil Velan, Heads of various departments and faculty members participated in the guest lecture programme and made it a grand success. Students from MCA department and CSe, IT Dept staff members actively participated with full zeal and were benefitted by this programme.



## **GUEST LECTURE ON STRATEGIC MANAGEMENT**

A Guest Lecture on Strategic management on 19.08.2019 by Naveen Fashion Designers Club, Texvalley, Erode in the discussion was on various techniques on strategy formulation.

## **GUEST LECTURE ON NETWORKING WITH PEOPLE**

Guest Lecture On Networking with People a guest lecture was organized by Department of Business Administration on 03.02.2020 . The Guest Speaker B.Viswanath Prabhu, Managing Director, E3 Innovations, Salem gave a detailed explanation on Networking

## **Webinar Impact Of Covid 19 & Career Development**

Webinar Impact Of Covid 19 & Career Development (Lock & Unlock) .a guest lecture was organized by department of business administration on 12.6.2020. Dr.Balanagagurunathan, Amity University, Gurgaon, Haryana discussed about Career Development.

## **NSE-Investment Awareness Program**

A guest lecture on NSE-Investment Awareness Program on 21.7.2020 by Department of Business Administration and the chief guest was Mr. Jayaraj, Nse Trainer, Keyway Academy, Coimbatore was in the discussion was on various techniques on branding

## **A Webinar ‘Recent Trends in Retailing in India’**

A Webinar ‘Recent Trends in Retailing in India’ was organized by Department of Business Administration on 21.10.2020 and the guest Mr. Ullas Pazhapilath, Uipath Manager, Global Services Operations, Bengaluru ,ignited the students with his speech and was a source of motivation for the MBA students.

## **Webinar ‘Recent Trends in Retailing in India’**

Webinar ‘Recent Trends in Retailing in India’ a guest lecture was organized by Department of Business Administration on 23.11.2020.The guest speaker Mr.Hussain Basha, MBA. LLB, Corporate Affairs Manager, National Elevators, gave a detailed explanation on self-confidences.

## **A guest lecture on Human Values**

A guest lecture on Human Values on 21.7.2020 by Department of Business Administration and the chief guest was Mrs.K.Subashini, Associate Professor, FDD was in the discussion was on various techniques on branding

# **TECHFINIX'19 - NATIONAL LEVEL** **TECHNICAL SYMPOSIUM**

Paavai Engineering College, Rasipuram conducted two days National Level Technical Symposium TECHFINIX'19 on 20th and 21st September 2019 organized by all departments of the college. On the 20.09.2019, the first day of TECHFINIX'19, Inauguration ceremony was held at Ananda Arangam. Dr.G.Bakthavathsalam, Chairman, KG Group of Institutions, Coimbatore was the chief guest and delivered inaugural address and Mr.B. GangadharaRao, General Manager-Electrical & Infra Division, IIGM Private Limited, Bangalore was the Guest of Honor and delivered Keynote address. Shri.CA.N.V.Natarajan, Chairman, Paavai Institutions presided over the function. Smt.Mangai Natarajan, Correspondent of Paavai Institutions inaugurated the function by lighting the kuthuvizhaku. Dr.K.K.Ramasamy Director-Admin, Mr.K.Senthil Kumar Director-Admission, Dr.C.Satish Director of Paavai Group of Schools, Dr.M.Premkumar Principal, Dr.B.Murali Babu Controller of Examinations, Deans of Paavai Institutions, Principals of other colleges in Paavai Institutions, Heads of the Various Departments, faculty members, students and delegates from other colleges participated in the inauguration ceremony. Ms.S.Sushmaa, Second Year, Civil Engineering, Paavai Engineering College welcomed the gathering. In the presidential address, Smt.Mangai Natarajan, Correspondent of Paavai Institutions, enumerated the importance of changes in students mind in accordance with the changes in the society. She insisted the students to identify “who you are?” in order to bring out the hidden talents inside them. She further added students should be proud to be an ‘Engineer’ and should think innovatively to find solutions for real time problems. She also insisted them to learn the engineering concepts in depth and change themselves to view everything in scientific perspective.

Dr.G.Bakthavathsalam, Chief Guest while delivering his inaugural address emphasized the evolution of technology for the upliftment of mankind. He particularly focused on the technologies in the medical field and gave a demo of how to perform CPR in order to save life of a person who underwent heart attack. Mr.B. GangadharaRao, Guest of Honor in addressing the gathering insisted that Indians are leading in various fields all over the world. So as to reach greater heights, students should make use of the symposiums as a platform to exhibit their talents. Therefore students should indulge in seeking knowledge and should invent new technologies in all field in order to do bring solutions to the problems arising in each field. In continuation, Smt.Mangai

Natarajan, Correspondent of Paavai Institutions released the souvenir of TECHFINIX'19. In this symposium, students from various engineering institutions and universities from all over Tamil Nadu and neighbouring states of Tamil Nadu had participated and presented research papers and exhibited their unique talents by showcasing their technical knowledge. Overall 600 papers were received from delegates of other institutions and 151 papers were selected for presentation. More than 45 events were conducted by all departments. After the completion of inauguration ceremony, delegates from various institutions participated in the technical events conducted by all departments.

On 21.09.2019, second day of TECHFINIX'19 valedictory function was conducted. Mr.Vinith Babu, Founder & CEO, Geekstack was the chief guest and delivered valedictory address. Shri.CA.N.V.Natarajan, Chairman, Paavai Institutions and Smt.MangaiNatarajan, Correspondent of Paavai Institutions presided over the function. Miss.S.Sughi , final year, Electrical and Electronics Engineering, welcomed the gathering. Mr.Vinith Babu, Chief Guest in his valedictory address said that he was very happy to see the enthusiastic younger generation. He further narrated his life history and advised the students to set goal. In order to achieve goal, he insisted students should have passion and make use of the opportunities available in spite of the struggles they face to achieve their goal. Shri.CA.N.V.Natarajan, Chairman while addressing the gathering advised the younger generation to realize that they are in professional fraternity and should inculcate the qualities of an engineer. Younger generation is having a common trait of wasting energy, idea and time. And so he emphasized the students to breach the gap between professional degree and industry in the aim of achieving the goal.

He further quoted "Paavai is the guiding torch for the youth folk". Smt.Mangai Natarajan, Correspondent while addressing the gathering insisted the students to have discipline and straightforward attitude. She also said about the role of positive vibration in making a person successful in his/her career. She further added how alumni of Paavai institutions still contributing their support to the institution. She gave a brief explanation of PAAVAI MANTRA "OWN OUR WORDS AND DEEDS". Shri.CA.N.V.Natarajan, Chairman, Paavai Institutions, honoured the chief guest by presenting memento and bouquet. Along with chief guest, paavai institutions chairman, correspondent and other dignitaries distributed the prizes for the delegates who participated in various events and total prize amount of Rs.3,50,000 were given to the winners of

various events. Dr.K.K.Ramasamy Director-Admin, Mr.K.Senthil Kumar Director-Admission, Dr.C.Satish Director of Paavai Group of Schools, Dr.M.Premkumar Principal, Dr.B.Murali Babu Controller of Examinations , Deans of Paavai Institutions, Principals of other colleges in Paavai Institutions, Heads of the Various Departments, faculty members and students graced this occasion by their presence. Finally, Mr.M.S.Naveen Kumar, Final Year, Mechanical Department, proposed the vote of thanks and the program came to an end.



**Paavai Engineering College  
(Autonomous)  
Conference, Seminars, Workshops on quality Conducted**

**Academic Year (2018-2019)**

<b>S.No</b>	<b>Name of the workshop/ seminar</b>	<b>Number of Participants</b>	<b>Date From – To</b>
1	Pecma - 2K19 - National Level Technical Symposium	988	28.03.2019
2	National Level Technical Symposium "Techfinix'18-2.0"	3514	28.09.2018 to 29.09.2018
3	Two day International Convention "Indo Taiwan Summit-Supporting Innovation and Research Through Collaboration"	3514	25.02.2019 to 26.02.2019
4	Industrial Approaches on Flight Mechanics.	50	08.09.2018
5	Seminar on traditional rice variety campaign and paddy transplantation	115	22.09.2018
6	Approval plan and blueprint reading techniques	230	25.01.2019
7	Essential skills needed for a civil engineer for field practice	230	20.03.2019
8	One day workshop on the skill sets needed by the latest construction industries	90	30.08.2018
9	Two days workshop on current trends and techniques using total station and auto level	222	11.07.2018 to 12.07.2018
10	This is your time to conquer	186	28.06.2018
11	Chip Based Hardware Assembling And Troubleshooting	60	11.02.2019 to 13.02.2019
12	Python Programming For Problem Solving	60	25.01.2019
13	Entrepreneur And Business Startup	50	19.01.2019
14	Fundamentals Of Visual Effects	70	22.06.2018
15	Recent Trends In IT	50	12.07.2018
16	Realization Of Internet Of Things For Smart Applications	60	16.8.2018 to 18.8.2018
17	Competencies For Campus Hiring	60	28.08.2018
18	ELECTRA-19	52	17.01.2019
19	Three Day National Level Seminar on Challenges in Charging of Electric Vehicle for Green Environment	72	20.12.2018 to 22.12.2018
20	Faculty Development Program on Electromagnetic Fields	23	28.11.2018 to 30.11.2018
21	ELECTRA'18	18	31.08.2018



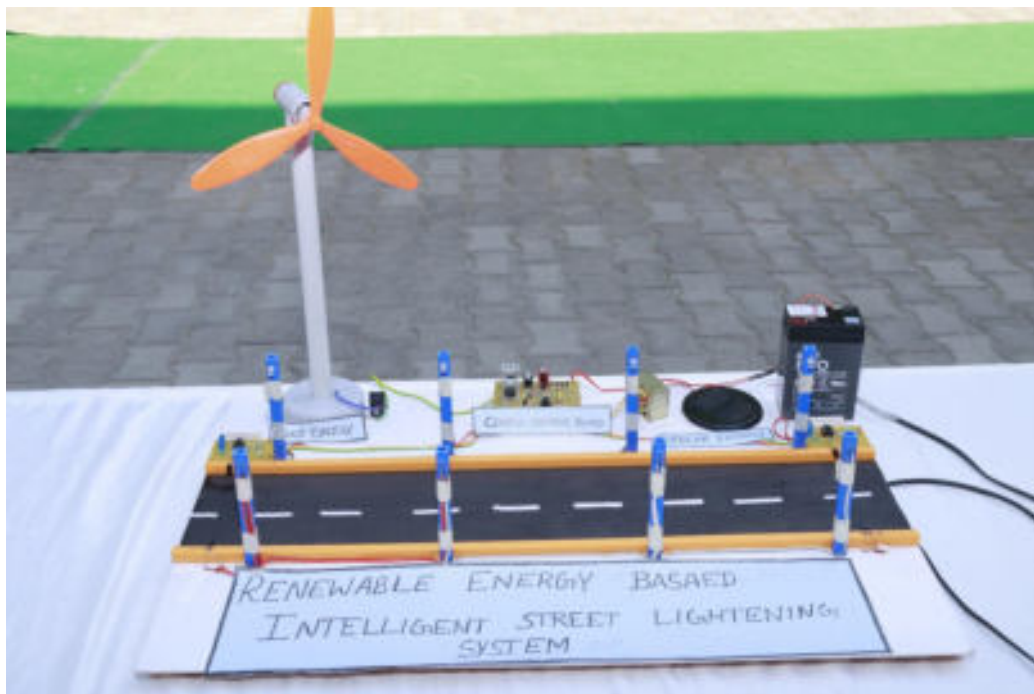
22	Technological Advancement and Development for the Safety of Woman	45	01.03.2019 to 02.03.2019
23	Grid Automation System Overview	84	19.02.2019
24	Power Energy Management in Microgrid	82	06.03.2019
25	Motivation Speech for Students	80	09.07.2018
26	Roles and Responsibilities of Electrical Engineers in Power Sector.	75	27.08.2018
27	Recent Trends in Artificial Intelligence Controllers in Engineering and Utilization.	88	14.06.2018
28	Various PWM Generation Techniques for Power Electronic Converters	74	29.06.2018
29	Electrical Vehicle for Green Environment	72	22.12.2018
30	Renewable Energy Storage Technologies	80	09.08.2018
31	Higher Education in Taiwan	25	25.02.2019
32	Opportunities at Yuan Ze University and Project based learning	25	25.02.2019
33	Campus to Corporate	35	25.06.2018
34	Development of Composite And Non-Composite Materials Utilizing Particles And Fibers.	30	24.01.2019
35	Solar Energy Conversion Systems.	30	31.08.2018
36	Careers After Engineering	30	23.06.2018
37	G-Suite for Education & R&D CELL	45	24.09.2018 to 25.09.2018
38	E-cell IIT Bombay for Entrepreneurship Development Programme & EDC CELL	50	26.09.2018
39	Entrepreneur and Business Startup & EDC CELL	50	19.01.2019
40	Python Programming for problem Solving & R&D CELL	50	25.01.2019
41	Recent Trends and Mass Transfer Application	40	15.10.2018
42	Workshop on MATLAB	52	01.07.2018 to 15.09.2018
43	Opportunities and challenges for Chemical Engineers	177	14.09.2018
44	IoT Applications Design: Issues and Challenges	40	24.01.2019
45	Software Development Trends	40	29.12.2018
46	Solving the Real Life Problems using Internet of Things	40	13.10.2018
47	Accelerate your career with Evolving Digital Marketing Strategies	40	01.10.2018
48	Develop Modern Web Application using HTML5 and ASP.Net	40	29.09.2018
49	Empowering Youth– Emerging Management Challenges	40	08.09.2018

50	Empowering Youth – Emerging Management Challenges	40	08.09.2018
51	Guest Lecture 'Developing Modern Web Applications Using HTML'	20	29.09.2018
52	Guest Lecture on 'Accelerate Your Career With Evolving Digital Marketing Strategies'	25	01.10.2018
53	Digital Marketing	32	26.12.2018
54	Student to Adult Learner – A Transformation	35	26.12.2018 to 227.12.2018
55	Entrepreneurship Prospects In Event Management	34	25.03.2019

# **PECMA - 2K19 - National Level Technical Symposium**

The department of Science and Humanities of Paavai Engineering College conducted a two day National Level Symposium on 28th and 29th, March 2019. The inaugural ceremony was conducted on the forenoon of 28-03-2019, Thursday in the Anantha Arangam. The programme started at 10.00 a.m. with a prayer song and Tamilthai Valthu. Smt. Mangai Natarajan, Correspondent, Paavai Institutions lit the kuthuvilakku with the dignitaries in view of gracing the programme. Welcome address was given by Ms. S. U. Sushma, student of first year Civil Engineering. Presidential address was delivered by Shri. CA.N.V. Natarajan, Chairman, Paavai Institutions. In his presidential address, he greeted all the participants of the PECMA 2K19 and highlighted the role of symposium in the formative period of budding engineers to expose their talents along with building up their leadership qualities. Symposium, in its true spirit, is a genuine outlet for the ambitious to create and establish their own identity as a scientist during college years.

He advised the students to be innovative in bringing out successful projects which should surely guarantee peace and happiness to mankind. Ms. Sandra Elizabeth, student of first year Bio-Medical Engineering introduced the chief guest, Dr. P. Ramasamy, Director, Centre for Research, SSN Institutions, Chennai. The chief guest unveiled the PECMA 2K19. In his inaugural address, he appreciated the institution's interest in conducting symposiums. He stressed that experiment is the order of the day and engineering students should always have research attitude since the inventions of science alone can make a country rich. He stated that education should make a learner employable and appreciated that Paavai Engineering College has been focusing on giving training for career opportunities to students. He wished the students every success in their future endeavors. In her felicitation address, Smt. Mangai Natarajan, Correspondent, Paavai Institutions stated that it is high time to think differently as the social scenario is changing. Students should be proud of their course and identity as engineer and good at communication skills. She highlighted that security is the foremost important thing nowadays and so it is everyone's duty to give security to others which, in turn, gives us the same. The PECMA 2K19 Souvenir was released by the Chairman and received by the chief guest. Mr U. Bharath, student of first year Computer Science rendered prelude to the symposium. Vote of thanks was delivered by Mr.Akhil Shabu, first year student of Food Technology.



# **Indo - Taiwan International Summit**

Paavai Engineering College (Autonomous), Namakkal hosted a two-day International convention titled, “Indo-Taiwan Summit” supporting Innovation and Research through Collaboration on 25th and 26th of Feb, 2019. The inaugural ceremony of the summit was held on 25th Feb, 2019 at Anandha Arangam. Thiru. C.A. N. V. Natarajan, the Chairman of Paavai institutions delivered the Presidential address. He greeted the professors from Taiwan, Japan and India and appreciated the clean, calm and the congenial learning atmosphere of Taiwan universities with their state of the art infrastructure, professorship and a affordable cost of offering Higher Education. He continued that it is the dream of many an Indian student to do Master’s programme abroad and Taiwan being one of the top 250 universities caters to the educational needs of the learners.

The education pattern of Taiwan is unique in the sense that more focus is given to practical application, demonstration and modeling which make the procedure of learning easy and product oriented. Another interesting feature about Taiwan Universities is that the eminent professors always extend a favorable opportunity to all those who are research inclined for technological transfer of knowledge and cultural exchange. The Indian students are analytically strong and the Taiwan students are technically competent and if each one is given a provision for doing internship through Student Exchange Programme, they are sure to excel. Following the Chairman’s speech, Dr.U.Chandrasekar, the Visiting Professor, at the Rapid Manufacturing Lab, Dept of Mechanical Engineering, IIT, Bombay gave a prelude to the summit. He pointed out that the focus of the summit is to facilitate the students to do internship and Master’s Programme in Taiwan or Japan. He too glorified the educational method of learning by doing which is prevailing at Taiwan universities. Higher Education nurtures insight, maturity and entrepreneurial skills. So the students are advised to make use of this God sent opportunity to do higher education with tuition fee waiver and scholarship. Besides, every internee will also get his professional life shaped in terms of knowledge, skill, behavior and attributes.

He stated that as per the fond wish of the Chairman, the summit should become a catalyst for every one of the attendees. Dr.N.S.Kumar, scientist ‘G’, Associate Director, DEBEL, DRDO, Ministry of Defense, Bangalore, India, gave the inaugural address citing a lot of statistical data in the area of Research and Development both at the Government and Private Sectors. He said 0.69%

of the total GDP of India is spent on Research and Development activity. There are three research indicators. According to him, one is publications, the other is patent rights and the last is product development which is the real challenge to every researcher. India stands as the 6th largest country in journal publication and the 7th largest country in patent rights but it has to go a long way in the development of marketable products. It is found that 50% of the budget is earmarked for importing goods and services and research has to be carried out to circumvent this practice. Job opportunities are abundant in the Ministry of Defense Sector and those who are resourceful can make use of the same.

He also quoted from a research article that humanity will face a lot of problems in 2050 in the crucial areas of energy sustenance. He congratulated that the summit has taken initiatives to resolve the energy issue as the focal point by inviting innovative student projects through an expo. He emphasized that the quality of life is ensured when there is synergy between research and development through collaborative approach between Nations. Institutions and Universities should forward this mission to greater heights. Professor Ching-Hsiang Cheng, from the Department of Aeronautics and Astronautics, National Cheng Kung University, Taiwan gave a special address focusing on the definition of success which means not giving up one's passion; being brave to cross over boundary and being generous which brings joy and happiness. He advised that the youngsters should stay healthy and happy and they should be ready to obtain knowledge, skills and expertise through an effective utilization of all learning opportunities available on and off the campus. Earlier, the dignitaries lighted the kuthuvilakku led by Tmt.Mangai Natarajan, the Correspondent of Paavai Institutions. Mrs.Avanthi Rajavel, Director, Student Affairs welcomed the gathering and Dr.M.Prem kumar, Principal Paavai Engineering College (Autonomous), proposed the vote of thanks. A Souvenir was also released. Members of Paavai Varam Educational Trust, Directors, Deans, Principals, HoDs and faculty members graced the occasion. Around 2500 Students attended the inaugural session and 200 students in teams presented their innovative products in the Project Expo. The National Anthems of both the countries were played.





# TECHFINIX'18 - 2.0

A two day national level technical symposium Techfinix'18 – 2.0 was organized by the departments of Paavai Engineering College on 28th and 29th September 2018. Shri.CA.N.V.Natarajan, Chairman of Paavai Institutions, presided over the inaugural function. Dr.M.Chandrasekar, Vice President, NAFEMS India & Professor, IIT Mumbai, was the chief guest of the day. Dr.G.Ilavazhagan, Director Research, Hindustan Institute of Technology and Science, Chennai, was the guest of honor. Smt. Mangai Natarajan, Correspondent, Paavai Institutions, along with the dignitaries lighted the “Kuthu Vilaku”. Mr. Daniel Ebenezer, Final ECE, welcomed the gathering. Dr.M.Chandrasekar, in his keynote address, stated that the students should transform the societal related issues into technology related solutions. He mentioned about the recent technological platforms including mobile applications like uber, ola where the customers feel transportation easier. And he also spoke about how big data analytics, artificial intelligence, cloud computing and various technologies play vital role in corporate companies, medicine & other industries.

Dr.G.Ilavazhagan in his speech, insisted the students about the importance of technological inventions to make the developing nation a developed one. He motivated the students to create jobs rather than seeking jobs. Later on, the Chairman of Paavai Institutions, presented the memento and bouquet to the chief guest and the guest of honor. Dr.K.K.Ramasamy, Director Admin, Dr.M.PremKumar, Principal, Paavai Engineering College, Jury members, Deans, Heads of all the departments, Faculty members, students and participants from various colleges attended the inaugural function. Students from various colleges all over Tamilnadu participated in 40+ events like paper presentation, project expo, code debugging, robo war, IC racing, aviation art, trac hunk, chemophilia, brick art work, spunky bit, swell-o-net, blind coddling, circuitrix, circuit debugging, water rocketry, robo soccer etc., on these two days. Dr. Ashwin Nithish, Founder, Breathe Foundation, was the chief guest of the valedictory program. The winners of the events were awarded with prize money of Rs.3,50,000 during the valedictory program. Mr. M. Yuvaraj, Final Civil, proposed the vote of thanks.



**Paavai Engineering College (Autonomous)**

Department of Aeronautical Engineering and Skill Development

Guest Lecture Conducted on 08.09.2018

Industrial Approaches on Flight Mechanics



The seminar was conducted jointly by the Department of Aeronautical Engineering and Skill Development on 08.09.2018 on the title “**Industrial Approaches on Flight Mechanics**”. The students of Aeronautical Engineering attended the Lecture given by **Mr.Hero Hemaraj, Senior Data Scientists, General Electric Aviation, Bengaluru**. He gave a brief presentation among the students regarding methods to clear GATE and industry oriented career. And also he elaborated the various things associated with the Engine manufacturing and analysis. Earlier, Welcome address was given by Mr.Ajith of Third year Aeronautical Engineering. And the vote of thanks was given by Ms.Vaishnavi of Second year Aeronautical Engineering. The Head and the faculty members of the department graced the function with their presence.



**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**DEPARTMENT OF AGRICULTURE ENGINEERING**  
**SEMINAR REPORT**

The inaugural function of Paavai Velaan Mandram and seminar were conducted on 22.09.2018 at JRD TATA hall by the department of Agriculture Engineering and Research & development. Mr. Alangudi Perumal, Mr. Sree Ram and Mr.Ashokan presided over the function by sharing their experience on organic farming. Farmers from various places and students from Agriculture Engineering department participated in the function. The function was inaugurated by Sri .CA N.V.Natarajan, Chairman of Paavai Institution and Smt. Mangai Natarajan, Correspondent of paavai Institution. Dr.C.Mayilsami gave a lecture on the introduction of green revolution in India and introduced secretaries and office bearers of the club. Mr. Alangudi Perumal shared his profound professional experience in traditional variety of paddy and its transplantation. 115 students, staffs and farmers were participated in this programme.



**PAAVAI ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**Guest Lecture and Research and Development Report**

A One day Guest Lecture and Research and Development on the title “**Approval Plan and Blue Print Reading Technics**” was organized by Department of Civil Engineering, Paavai Engineering College on 25.01.2019 at Kalam’s Chamber.

Chief Guest - **Rtn. Er. Nagendran Venkatesan** Structural Engineer, Vasthu Consultant, CEO of Civil Engineering Academy, Salem. **Mr.K.Mohan**, Third year student, Paavai Engineering College welcomed the gathering, **Ms.S.Shanthini**, Final year student Paavai Engineering College gave a brief introduction about the chief guest.

Our Honorable Principal / Paavai Engineering College, **Dr.M.Premkumar** gave his valuable presidential address about the field of civil engineering and the essentiality of quality and innovations in civil field.

Our Respected Head of Department **Mrs.J.Umanambi**, honored the Chief Guest.

Er. Nagendran Venkatesan spoke elaborately about the approval plan methods and the skills about latest planning techniques. The discussion was about the importance of National Building Codes and updated 3D plans. A good number of Professors actively participated in the program and were benefited. The queries from the students and faculties were effectively replied by the chief guest.





**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**GUEST LECTURE AND RESEARCH AND DEVELOPMENT REPORT**

A one day guest lecture and Research and Development on '**Essential Skills needed for a Civil Engineer for Field Practice**' was organized by Department of Civil Engineering on 20.03.2019. **Er.Muthukaruppan Rajasekaran**, Licensed Building Surveyor, Vinay Construction and Interiors, Namakkal was the guest speaker.

Our Honorable Principal **Dr.M.Premkumar** gave his valuable presidential address about the field of civil engineering and about the session. Finally our chief guest **Er.Muthukaruppan Rajasekaran**, starts his lecturing. Firstly, **Er.Muthukaruppan Rajasekaran** was delivered his valuable speech on the importance of **Essential Skills needed for a Civil Engineer for Field Practice**. **Technical Skills**. A good **Civil Engineer** should have a level of Mathematics and Physics that allows for the identification and solving of **engineering** problems. Project Management. Communication **Skills**. Creativity and **Critical Thinking**.



**PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**WORKSHOP AND RESEARCH AND DEVELOPMENT REPORT**

A One day Workshop and Research and Development on **“THE SKILL SETS NEEDED BY THE LATEST CONSTRUCTION INDUSTRIES”**

A One day Workshop on the title “The Skill sets needed by the latest construction industries” was organized by Department of Civil Engineering, Paavai engineering college on 30.08.2018.

**Mr. ARUNPRAKASH., BE, MBA** Chief Survey Engineer, The Salem Land Survey Institute, Salem Surveyor Consultancy Pvt Ltd. **Mr.K.Mohan**, Third year student, Paavai engineering college welcomed the gathering, **Ms.M.Ramya**, Final year student, Paavai engineering college gave a brief introduction about the chief guest.

Our Honorable Director – Admin, **Dr.K.K.Ramasamy** gave his valuable presidential address about the field of civil engineering and about the session.

Our Beloved Dean – Civil, **Dr.S.Sukumar** gave his valuable presence and honored the program till the end.

Mr. ArunPrakash spoke elaborately about the construction technologies and the skills about latest reinforced concrete structures. The discussion was about the structural members like beams, columns and slabs. He included the reinforcement details, shuttering details and area calculations which are majorly adopting in the construction field.



## **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

### **DEPARTMENT OF CIVIL ENGINEERING**

#### **WORKSHOP AND RESEARCH AND DEVELOPMENT REPORT**

The Two days Workshop and Research and Development on “**CURRENT TRENDS AND TECHNIQUES USING TOTAL STATION AND AUTO LEVEL**”

The Two days Workshop on the title “Current Trends and Techniques Using Total Station and Auto Level” was organized by Department of Civil Engineering, Paavai engineering college on 11.07.2018 and 12.07.2018.

Er. M. Balamurugan (Managing Director) Surveyor, TOSET Land Survey Institute, Salem. Institute training team was the chief guests. Mr. M.Yuvraj, Final year student Paavai engineering college welcomed the gathering, Mr.S.Mohammed Faizal, Third year student, Paavai engineering college gave a brief introduction about the chief guests.

Our Honorable Director – Admin, **Dr.K.K.Ramasamy** gave his valuable presidential address about the field of civil engineering and about the session. Our Beloved Dean – Civil, **Dr.S.Sukumar** gave his address about the session and importance of surveying. Our Respected Head of Department **Mrs.J.Umanambi** honored the Chief Guests and begins the session.

Er.M.Balamurugan spoke elaborately about the construction technologies and the Surveying methods of all areas using Total Station and Auto Level. The discussion was about the various surveying methods which are majorly adopting in the construction field and also he included about the importance of surveying in this modern construction field. It was completed in the morning session of first day. Later in the Afternoon session Practical demonstration session was conducted by trainers.



**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**GUEST LECTURE AND RESEARCH AND DEVELOPMENT REPORT**

A one day Guest Lecture and Research and Development on ‘**This is Your Time to Conquer**’ was organized by Department of Civil Engineering on 28.06.2018. M.Vignesh Kumar, Motivation and Speech Trainer, World and National Record Holder, Youth Icon of South India was the guest speaker.

Our Honorable Principal **Dr.M.Premkumar** gave his valuable presidential address about the field of civil engineering and about the session. Finally our chief guest M.Vignesh Kumar, starts his lecturing.

Firstly, M.Vignesh Kumar, was delivered his valuable speech on the importance of Your time to Conquer for Civil Engineering. To **conquer yourself means** being disciplined to push hard through bad habits in order to structure better ones.





ACADEMIC YEAR 2018 - 2019

## THE DEPARTMENTS OF COMPUTER SCIENCE ENGINEERING IN ASSOCIATION WITH SDIMC CLUB ORGANIZED A THREE DAY WORKSHOP ON "CHIP BASED HARDWARE ASSEMBLING AND TROUBLESHOOTING" ON 11.02.2019 - 13.02.2019

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13th Feb, 2019

Department of Computer Science and Engineering and Software Development and Information Management Club (SDIMC) organized a 3 day workshop on, "CHIP BASED HARDWARE ASSEMBLING AND TROUBLESHOOTING" from 11.2.2019 to 13.2.2019 in Cute Hall. The workshop was inaugurated by Mr.J.Pradeep, Proprietor, Mario Infotech Solutions, Coimbatore. Dr.K.SELVI, Dean Academics, Paavai Engineering College presided over the function. In the first day, the session was handled by Mr.J.Pradeep Proprietor, Mario Info Tech solutions, discussed on the components present inside the PC with its functionalities followed by a Hand on session on how to assemble components in the case. On the second day, Mr.Dyan, Managing Director, Mario Info Tech Solutions presented his views on Networking and its functionalities and followed by Hands on how to setup a network structure. On the third day, he discussed about the functionality of Radio Frequency. Assessment is done to identify the level of the students at the end of the session. All students are interacted in all sessions. At the end of the session, the students gained more information on the internal components of computer physically and also the students enhanced their knowledge in the field of assembling and troubleshooting



## GUEST LECTURE ON "PYTHON PROGRAMMING FOR PROBLEM SOLVING" WAS ORGANISED BY THE DEPARTMENT OF CSE JOINTLY WITH EDC CELL ON 25.01.2019

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25th Jan, 2019

A guest lecture was conducted on behalf of the department of Computer Science Engineering jointly with EDC cell, titled "PYTHON PROGRAMMING FOR PROBLEM SOLVING". The chief guest was Mr.V.Kumar, Technical trainer, C-Cube technologies, Coimbatore. The session started with the prayer song. Welcome address was given by K.Akila Jetkin from third year CSE. In his keynote address, he mentioned about the importance of python at the multinational giant corporates like Google, Facebook, etc., which recruit engineers who have knowledge in machine learning, data analytics, and artificial intelligence. The Guest speaker began the session with a question "What made python grow more faster?". The student participants came with their ideas and answered the question. He described that all the corporate sectors have moved towards cloud services. Gender prediction and face recognition using python was demonstrated during the session. He also said about the platform called freelancer (web design , mobile app development, virtual assistance, product manufacturing and graphics design) from which one can earn lot of money sitting at home . Finally, the student participants filled their feedback forms. The guest lecture ended with vote of thanks by Mr.Revanth Kumar from second year CSE.





# ONE DAY WORKSHOP ON "ENTREPRENEUR AND BUSINESS STARTUP" WAS ORGANISED BY THE DEPARTMENT OF CSE JOINTLY WITH EDC CELL ON 19.01.2019

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19th Jan, 2019

The departments of Information Technology and Computer Science and Engineering in association with EDC cell, organized a one day workshop on “ENTREPRENEUR AND BUSINESS STARTUP” in association with Josh Talks and Facebook on 19.01.2019 in Kalam’s Chamber at Paavai Engineering College. The function started with the prayer song. Dr.K.K.Ramasamy, Director-Administration, presided over the function. Mr.Amith Kumar, Co-Founder, Servercake, India and Mrs.Agrima Rathore, Campaign Manager, Josh Talks were the chief guests. In the session , Mr.Amith Kumar gave a brief introduction about the salient features of entrepreneurship and the basic qualities required for this task. He elaborated on giving guidelines to start and run a business successfully. He suggested that a good entrepreneur has to be determined in marketing. He highlighted the art of buying and selling by creating curiosity among people towards products. He listed out the government compliances for young graduates to start a business. Mrs Agrima Rathore, advised the students that they need to realize their self and they have to decide what they wish to become after their graduation. In her presentation, she visualized how the Facebook and Instagram were helpful to launch startups. At the end of the session feedbacks were given.



## **A GUEST LECTURE ON “FUNDAMENTALS OF VISUAL EFFECTS” WAS ORGANISED BY THE DEPARTMENT OF CSE IN ASSOCIATION WITH R & D CELL**

A guest lecture on 'Fundamentals of Visual Effects' was organised by the department of Computer Science Engineering jointly in association with R & D cell, on 22.06.2018. Mr. M. Rajarajeswaran, Technical Head, Image Creave Educaon, Chennai explained the fundamentals of visual effects and their effects in the engineering field.



## **A GUEST LECTURE ON “RECENT TRENDS IN IT” WAS ORGANISED BY THE DEPARTMENT OF CSE IN ASSOCIATION WITH EDC CELL ON 12.7.2018**

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



# HANDS-ON WORKSHOP ON REALIZATION OF INTERNET OF THINGS FOR SMART APPLICATIONS WAS ORGANISED BY THE DEPARTMENT OF CSE JOINTLY WITH R & D CELL ON 16.8.2018

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18th Aug, 2018

“REALIZATION OF INTERNET OF THINGS FOR SMART APPLICATIONS”, a Hands-on workshop was organized by the Department of Computer Science and Engineering jointly with R & D cell, Paavai Engineering College on 16.08.2018 and 18.08.2018 in Cute Hall at 10.00 A.M. The Workshop started with the prayer song. Dr.A.Suphalakshmi HOD/Department of Computer Science and Engineering presided over the function. While delivering the Presidential address, she insisted the students to acquire knowledge about Internet of things so that it will be useful for doing the mini project and she also insisted the importance of IoT Project and research. L Srimathi final Year Student welcomed the gathering. The resource person Mr.S.NAVEEN, Senior Project Manager, Pantech ProEd Pvt Ltd, Chennai elaborated on the Smart application of IoT, importance of mini project and application of Internet of Things. He spoke about the technologies used in Internet of Things and assured the students that they can do the project on their own. At the end of the session, the students were enlightened with valuable thoughts. They made a good interaction with the resource person which helped them to enrich their knowledge on the Internet of Things for smart applications. The Students were given demonstration on how to use Arduino Kit, Raspberry PI and different type of sensors for executing the projects. The Students worked on the following Projects such as: 1. Automatic Lighting System 2. Automatic Smart building project using raspberry PI 3. Temperature monitoring The Faculty members and students of CSE, IT and MCA were present in the session and the session ended with a vote of thanks proposed by our Final year student.

# **ONEDAY GUEST LECTURE WITH THE TOPIC "COMPETENCIES FOR CAMPUS HIRING" WAS ORGANISED BY THE DEPARTMENT OF CSE IN ASSOCIATION WITH PLACEMENT DEPARTMENT ON 28.8.2018**

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**28th Aug, 2018**

"COMPETENCIES FOR CAMPUS HIRING", a guest lecture was organized by the Department of Computer Science and Engineering in association with placement cell, Paavai Engineering College on 28.08.2018 in Kalam's Chamber at 10.00 A.M. The Function started with the prayer song. Dr.M.Premkumar, Principal of Paavai Engineering College, presided over the function. While delivering the Presidential address, he discussed about the importance of campus recruitment and job opportunities. The Session was handled by, Mr.Rangarajan Raghavachari, Head HR & Admin,TAQA Power Pvt Ltd, Neyveli. He discussed about Entrepreneurship. He explained about BMI(Body-Mind-Intellect) to the students. He spoke about growth of Indian Economy and how the students involved themselves in the growth of Indian economy. He also discussed about various job opportunities. At the end of the session, the students were enlightened with valuable thoughts with good interaction with him and it helps them to enrich their knowledge in Campus hiring. The Faculty members and students of various departments were present in the session and the session ends with a vote of thanks proposed by our Final year student.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**National level Workshop  
on**

**“TECHNOLOGICAL ADVANCEMENT AND DEVELOPMENT FOR THE  
SAFETY OF WOMAN”**

**Guest Speaker  
Mrs.L.Mukhil  
Block Statistical Investigator,  
Department of Statistics, Kabilarmalai,  
Namakkal**

Date: **01.03.2019 & 02.03.2019**

Time: 9.30 A.M.

Venue: Cute Hall

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**

### **“NATIONAL LEVEL WORKSHOP ON TECHNOLOGICAL ADVANCEMENT AND DEVELOPMENT FOR THE SAFETY OF WOMAN”**



Department of Electronics & Communication Engineering organised the National level Workshop on 01.03.2019 & 02.03.2019. The Seminar was inaugurated with prayer song by 9:30 a.m in the presence of Mrs.L.Mukhil, Block Statistical Investigator, Department of Statistics, Kabilarmalai, Namakkal as guest speaker, Principal- Paavai Engineering College, Head of the Department-ECE, and various department heads, faculty members of Paavai Engineering College along with other participants. Dr. R. Arangasamy delivered welcome address. The presidential address was delivered by Dr.K.K.Ramasamy, Director Administration,



Paavai Engineering College, in which he highlighted that the technological innovation should be focused towards health and safety of women throughout their life. He motivated the participants to learn such a social relevant topic. The keynote address was given by the Guest speaker Mrs.L.Mukhil, Block Statistical Investigator, Department of Statistics. She is a distinguished speaker and good consultant. She congratulated the organizer on arranging such a social seminar regarding the safety of women. She aired a sense of appreciation for the topics to be discussed in the two day seminar which would deal with various challenging issues faced by our young girl students. The inauguration got over by 10:00am. The first session was handled by the guest speaker from 10:00 am to 11.00am. She gave a magnificent speech on the topic “Social Awareness and Technological Support for Woman”. Her speech extensively focused on the impacts of dressing issues, behavioral manners etc. She gave a detailed statistical analysis of woman empowerment in India and other countries.

Dr.R.Gayathri, Professor, Sona College of Technology, the second session success got the audience across the latest safety components and its usefulness for the women safety such as Mighty pen and safety number. Her lecture offered idea about the role of smart devices ensuring women safety. Dr.C.Vijayalakshmi Palanivelu MA(Yoga), M.Acu., D.R.T, PhD(Yoga), M.Sc(Applied Psychology), Rasipuram in the afternoon session gave tips for handling women’s stress during their menstrual cycle and gave suitable remedies through acupressure points available in the human body. The second day session was started at 9:30 am with Mrs.P.Rekha, Advocate’s, on Constitutional Rights for Woman and Support given by the Government of India. She briefed about women safety act, domestic violence act and the current scenario in India as regards women’s safety. Women’s rights in their families as well as in the society was an additional highlight, which resulted in useful interaction. The second day session was started at 9:30 am with Mrs.P.Rekha, Advocate’s, on Constitutional Rights for Woman and Support given by the Government of India. She briefed about women safety act, domestic violence act and the current scenario in India as regards women’s safety. Women’s rights in their families as well as in the society was an additional highlight, which resulted in useful interaction.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**Paper Presentation and Technical Quiz  
on  
'ELECTRA-19'**

**Guest Speaker  
Dr.M.PREMKUMAR  
Principal  
Paavai engineering College**

Date: 07.01.2019

Time: **1.30 P.M.**

Venue: Smart Class Room

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**

Paper Presentation and Technical Quiz on 'ELECTRA-19'



The department of electronics and communication engineering organized an event titled 'ELECTRA-19' (Paper Presentation and Technical Quiz) on 07.01.2019 at Kalam Chamber. Dr.M.PREMKUMAR, Principal Paavai engineering College presided over the function. In this presidential address, he insisted the students to improve their technical knowledge and communication skills to reach great heights in life. Dr.G.Balaji HoD/EEE and Dr.A.Suphalakshmi HoD/CSE were juries of the Technical Quiz and it was held at Kalam Chamber.

Five rounds (Technical, Connections, Picture Identifications, Buzzer round and Rapideo) were conducted and the first three teams were awarded cash prizes. Dr.S.Vijayakumar Professor, ECE and Dr.S.Kumarganesh Professor, ECE were juries of Paper Presentation and it was held at Smart Class Room. Totally, 21 papers were shortlisted and students presented their innovative ideas. Cash Prize was awarded to the winners by the

Principal and the juries. Dr.R.Arangasamy, Head of the department, faculty members of ECE and all the students from ECE department were also present. Miss P.Durga II year ECE welcomed the gathering. Mis E.Abbarna III year ECE, was the Quiz master. Mis N.Myvizhi IV year ECE, proposed the vote of thanks.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**Three Day National Level Seminar**

**on**

**“CHALLENGES IN CHARGING OF ELECTRIC VEHICLE FOR GREEN  
ENVIRONMENT”**

**Guest Speaker**

**Dr. E. Chandira Sekaran**

**Professor, Electrical and Electronics Engineering,  
Coimbatore Institute of Technology**

Date: 20.12.2018 - 22.12.2018

Time: 1.30 P.M.

Venue: Cute Hall

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**AND R & D CELL**

**Three Day National Level Seminar on**  
**“CHALLENGES IN CHARGING OF ELECTRIC VEHICLE FOR GREEN ENVIRONMENT”**



Department of Electronics and Communication Engineering organized the Three Day National Level Seminar on "Challenges in Charging of Electrical Vehicle for Green Environment" was held on 20-12-2018 to 22-12-2018. The Seminar was inaugurated with prayer song by 9:30 a.m in the presence of Dr. E. Chandira Sekaran, Professor, Electrical and Electronics Engineering, Coimbatore Institute of Technology as guest speaker, Principal- Paavai Engineering College, Head of the Department-ECE, and various department heads, faculty members of Paavai Engineering College along with the participants. The Dr. R. Arangasamy delivered the welcome address. The special address was delivered by Dr. M. Preamkumar, Principal, Paavai Engineering College. He addressed that the technological innovation should be focused towards the healthier human living. He also stated that the need of clean vehicle for green environment. He appreciated and motivated the participants to learn such social relevance technological topic.





# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

**Pachal, Namakkal-637 018.**

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the**

**Faculty Development Program**

**on**

**“ELECTROMAGNETIC FIELDS”**

**Guest Speaker**

**Dr. K.K. Ramasamy**

**Director-Admin,**

**Paavai Institutions**

**Date: 28.11.2018-30.11.2018**

**Time: 1.30 P.M.**

**Venue: Cute hall**

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**

### **Faculty Development Program on “ELECTROMAGNETIC FIELDS”**



A two-day Faculty Development Programme on ‘Electromagnetic Fields’ (FDP-2018) was successfully conducted in the department of Electronics and Communication Engineering, on 29th & 30th November 2018, arranged by the department of Faculty Development, Paavai Engineering College (Autonomous), Namakkal. The FDP programme received an overwhelming response with overall 21 participants from Paavai group of institutions. The programme was inaugurated in the forenoon by Dr. K.K. Ramasamy, Director-Admin, Paavai Institutions in the presence of Dr. M. Premkumar, Principal, Paavai Engineering College, Dr. K. Selvi, Dean-Academics & Dr. R. Kasthuribai, Dean-Faculty Development. The inauguration was followed by the welcome address by Dr. K. Selvi. Dr. K.K. Ramasamy delivered his presidential address on the pedagogical aspects of FDP and how it becomes more effective towards student learning among faculty to create the curiosity on pedagogical approach in teaching centric teaching learning.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**paper presentation and technical quiz**

**on**

**“ELECTRA'18”**

**Guest Speaker**

**Dr. Premkumar**

**Principal**

**Paavai Engineering College**

Date: 31.08.2018

Time: **1.30 P.M.**

Venue: Kalam Chamber

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**  
(AUTONOMOUS)

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**AND R & D CELL**

**paper presentation and technical quiz on**  
**“ELECTRA'18”**



The 'Electro'18' - a paper presentation and technical quiz competition was organized by the department of Electronics and Communication Engineering on 31.08.2018. Dr. Premkumar, Principal presided over the function. In his presidential address, he insisted that the students should improve their technical knowledge. The students were awarded the certificates.

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING ORGANISED THE GUEST LECTURE ON 19.02.2019

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The Department of EEE, Paavai Institutions, conducted a guest lecture on the title, “GRID AUTOMATION SYSTEM – OVERVIEW” on 19.02.2019. Dr.M.PREMKUMAR, Principal, Paavai Engineering College (Autonomous), presided over the function and insisted the students to consider this kind of guest lecture as an opportunity to know the advancements in the field of electrical engineering in grid automation. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their career. Knowledge upgradation is quite necessary and there is always a constant opportunity for effective electrical engineers. Mr.N.Thiruvankadam, Engineering Project Manager, ABB India Limited, PG Grid Automation System, Bengaluru, was the chief guest. In his lecture, he pointed out the automation system provided to grid and the protecting devices such as Relays, Circuit breakers, Isolators which are used in transmission sectors. He also explained about SCADA system concepts for grid automation. He insisted the participants to shape themselves according to the needs of the society as they are in the period of innovation. Ms.A.Ponlucina of third year EEE welcomed the gathering and Ms.J.Jayabharathi of third year EEE proposed the vote of thanks.





**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH  
ENERGY CLUB ORGANIZED**

**One day GUEST LECTURE**

**ON**

**POWER ENERGY MANAGEMENT IN MICROGRID**

The Department of EEE, Paavai Engineering College (Autonomous), conducted a guest lecture on the title, **POWER ENERGY MANAGEMENT IN MICROGRID** on 06.03.2019. Dr.K.K.RAMASAMY, Director-Administration, Paavai Institutions and Dr.M.PREMKUMAR, Principal, Paavai Engineering College (Autonomous) graced the occasion. In his presidential address, Dr.K.K.RAMASAMY, Director-Administration, insisted the students to consider this kind of guest lecture as an opportunity to know the advancements in the field of power management in microgrid. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their career. Knowledge upgradation is quite necessary and there is always a constant opportunity for effective electrical engineers.

**Dr. ABU ZAHARIN BIN AHMAD**, Senior Lecturer, Faculty of Electrical and Electronics Engineering, University of Malaysia Pahang, Malaysia, was the chief guest. In his lecture, he spoke about the power generation using renewable and conventional energy sources. Interconnection of various energy sources such as PV Cells, wind, fossil fuels, and energy storage equipment such as battery, fuel cell were explained. He mentioned about the hierarchy of microgrid. He also explained about SCADA system concepts for microgrid. He insisted the participants to shape themselves according to the needs of the society as they are in the period of innovation.

Ms.S.A.Mubeena Begam of final year EEE welcomed the gathering and Ms.S.Thamarai Selvi of final year EEE proposed the vote of thanks.







# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**GUEST LECTURE**  
on

### **“POWER ENERGY MANAGEMENT IN MICROGRID”**

#### **Guest Speaker**

**Dr. ABU ZAHARIN BIN AHMAD,**  
Senior Lecturer,  
Faculty of Electrical and Electronics Engineering,  
University of Malaysia Pahang,  
Malaysia

Date : **6<sup>th</sup> March , 2019**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH SKILL  
DEVELOPMENT ORGANIZED  
One day GUEST LECTURE  
ON  
"MOTIVATIONAL SPEECHES FOR STUDENTS"**

The Department of EEE, Paavai Institutions has conducted a alumini guest lecture on the title, **"MOTIVATIONAL SPEECHES FOR STUDENTS"** on 09.07.2018. Dr.M.Premkumar, Principal, Paavai Engineering College presided over the function and insisted the students to consider this kind of guest lecture as a forum to discuss on the various students activity for effective electrical engineers.

Er.G.S Depak, Alumini Students, Department of Electrical and Electronics Engineering, Paavai Engineering College, Namakkal was the Alumini guest. In his lecture, he explained about Motivational Speeches for various students activity.

He insisted the participants to shape themselves according to the needs of the outside world as they are in the period of innovation.

Mr.S.Saravanan of Third year EEE welcomed the gathering and Ms.N.Janani of third year EEE proposed the vote of thanks.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH SKILL DEVELOPMENT ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**GUEST LECTURE**  
on

**“MOTIVATIONAL SPEECHES FOR STUDENTS”**

#### **Guest Speaker**

**Er.G.S Depak,**

Alumini Students,

Department of Electrical and Electronics Engineering,  
Paavai Engineering College

Date : **09<sup>th</sup> July , 2018**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC  
ORGANIZED**

**One day GUEST LECTURE**

**ON**

**“ROLES AND RESPONSIBILITIES OF ELECTRICAL ENGINEERS IN POWER SECTOR”**

The Department of EEE, Paavai Institutions, conducted a guest lecture on the title, **“ROLES AND RESPONSIBILITIES OF ELECTRICAL ENGINEERS IN POWER SECTOR”** on 27.08.2018. Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, presided over the function and insisted the students to consider this kind of guest lecture as an opportunity to know the advancements in the field of electrical engineering in industries. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their career. Knowledge upgradation is quite necessary and there is always a constant opportunity for effective electrical engineers.

Dr.C.Ramakrishnan, General Manager, Neyveli Lignite Corporation, was the chief guest. In his lecture, he also insisted the necessity of learning other languages by engineers as it would support them in efficient work extraction from their subordinates. He also explained the various sectors in which the role of an electrical engineer would be required such as Project planning, Design engineer, Operation and Maintenance, Supplier management and so on. He insisted the participants to shape themselves according to the needs of the society as they are in the period of innovation.

Mr.S.Saravanan of Third year EEE welcomed the gathering and Ms.K.Nisha of second year EEE proposed the vote of thanks.







# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE**

on

#### **“ROLES AND RESPONSIBILITIES OF ELECTRICAL ENGINEERS IN POWER SECTOR”**

#### **Guest Speaker**

**Dr.C.Ramakrishnan,**  
General Manager.  
Neyveli Lignite Corporation

Date : **27<sup>th</sup> August, 2018**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**



## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

### **CSIR SPONSORED ONE DAY NATIONAL LEVEL SEMINAR ON “RECENT TRENDS IN ARTIFICIAL INTELLIGENCE CONTROLLERS IN ENGINEERING AND ITS UTILIZATION”**

The Department of EEE, Paavai Institutions has conducted a CSIR Sponsored one day National Level Seminar on the title, **“RECENT TRENDS IN ARTIFICIAL INTELLIGENCE CONTROLLERS IN ENGINEERING AND ITS UTILIZATION”** on 14.06.2018. Dr.M.Premkumar, Principal, Paavai Engineering College presided over the function and insisted the students to consider this kind of national level seminar as a forum to discuss on the various advancements in the field of artificial intelligence controllers in electrical engineering. He also insisted that the need of Artificial Intelligence will never go down and there is always a constant opportunity for effective electrical engineers.

Dr.A.Albert alexander, Assistant Professor (Senior Grade), School of Electrical Engineering, Kongu engineering college, Perundurai was the chief guest. In his lecture, he explained about basic concepts of neural network and how fuzzy logic concepts are evolved. He further insisted that the scope of electrical engineers is going to be high as the Artificial Intelligence Controllers will play a major role. He explained about the importance of optimization technique using MATLAB and the applications of Artificial Intelligence Controllers.

He insisted the participants to shape themselves according to the needs of the outside world as they are in the period of innovation.

Ms.M.Janani of Third year EEE welcomed the gathering and Ms.M.Hemamalini of third year EEE proposed the vote of thanks.





# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CSIR SPONSORED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**Seminar**  
on

### **“RECENT TRENDS IN ARTIFICIAL INTELLIGENCE CONTROLLERS IN ENGINEERING AND ITS UTILIZATION”**

#### **Guest Speaker**

Dr.A.Albert alexander,  
Assistant Professor (Senior Grade),  
School of Electrical Engineering,  
Kongu engineering college,  
Perundurai

Date : **14<sup>th</sup> June , 2018**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH  
ENERGY CLUB ORGANIZED**

**One day GUEST LECTURE**

**ON**

**“VARIOUS PWM GENERATION TECHNIQUES FOR POWER ELECTRONICS CONVERTERS”**

The Department of EEE, Paavai Institutions has conducted a guest lecture on the title, **“VARIOUS PWM GENERATION TECHNIQUES FOR POWER ELECTRONICS CONVERTERS”** on 29.06.2018. Dr.M.Premkumar, Principal, Paavai Engineering College presided over the function and insisted the students to consider this kind of guest lecture as a forum to discuss on the various advancements in the field of power electronic converters in electrical engineering. He also insisted that the need of knowledge up gradation is quite necessary and there is always a constant opportunity for effective electrical engineers.

Dr.G.Arun Kumar, Associate Professor, School of Electrical Engineering, VIT University, Vellore was the chief guest. In his lecture, he explained about basic concepts of power converters and how PWM techniques evolved. He further insisted that the scope of electrical engineers is going to be high as the converters will play a major role. He explained about the importance of PWM technique and the applications.

He insisted the participants to shape themselves according to the needs of the outside world as they are in the period of innovation.

Mr.S.Saravanan of Third year EEE welcomed the gathering and Ms.N.Janani of third year EEE proposed the vote of thanks.







# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

### **GUEST LECTURE**

on

### **“VARIOUS PWM GENERATION TECHNIQUES FOR POWER ELECTRONICS CONVERTERS”**

#### **Guest Speaker**

**Dr.G.Arun Kumar,**  
Associate Professor,  
School of Electrical Engineering,  
VIT University,  
Vellore

Date : **29<sup>th</sup> June , 2018**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH  
ENERGY CLUB ORGANIZED  
One day GUEST LECTURE**

**On  
“ELECTRICAL VEHICLE FOR GREEN ENVIRONMENT”**

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





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**GUEST LECTURE**  
on

**"ELECTRICAL VEHICLE FOR GREEN ENVIRONMENT"**

#### **Guest Speaker**

**Dr. E. Chandira Sekaran,**  
Professor,  
Electrical and Electronics Engineering,  
Coimbatore Institute of Technology  
Coimbatore.

Date : **22<sup>nd</sup> December , 2018**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC  
ORGANIZED  
One day GUEST LECTURE**

**On  
"Renewable Energy Storage Technologies"**

A guest lecture was organized by the department of EEE on the topic 'Renewable Energy Storage Technologies' on 09.08.18. Er.E. Ashok Kumar, Site Engineer, Easy Design Systems, Coimbatore elaborated on the renewable energy storage system. The students asked questions and got all their doubts cleared.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE**

on

#### **“Renewable Energy Storage Technologies”**

#### **Guest Speaker**

**Er.E. Ashok Kumar, Site Engineer,  
Easy Design Systems,  
Coimbatore**

Date : **09<sup>th</sup> August, 2018**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**



**EVENTS 2018-2019**  
**Department of Mechanical Engineering**  
**and Research Methodology**  
**Higher Education in Taiwan**

Higher Education nurtures insight, maturity and entrepreneurial skills. So the students are advised to make use of this God sent opportunity to do higher education with tuition fee waiver and scholarship. Besides, every internee will also get his professional life shaped in terms of knowledge, skill, behavior and attributes. He stated that as per the fond wish of the Chairman, the summit should become a catalyst for every one of the attendees. Dr. N.S. Kumar, scientist 'G', Associate Director, DEBEL, DRDO, Ministry of Defense, Bangalore, India, gave the inaugural address citing a lot of statistical data in the area of Research and Development both at the Government and Private Sectors. He said 0.69% of the total GDP of India is spent on Research and Development activity. There are three research indicators. According to him, one is publications, the other is patent rights and the last is product development which is the real challenge to every researcher.



## Department of Mechanical Engineering and Skill Development

### Opportunities at Yuan Ze University and Project based learning

The Indo-Taiwan summit enabled both the countries to exchange MoUs in the field of knowledge transfer and skill updation. Later, the Chairman of Paavai Institutions, Shri.CA.N.V.Natarajan , along with the special guests awarded the certificates for the best 13 projects in the project expo and issued the admit card for the student Ms. Punithavalli, Electrical and Electronics Engineering, who has got 100% scholarship to pursue her M.S. degree in Yuan Ze University, Taiwan.



**Department of Mechanical Engineering  
&EDC**

Guest lecture on “**CAMPUS TO CORPORATE**”

A Guest lecture on the topic of ‘**CAMPUS TO CORPORATE**’ was organized by the Department of Mechanical Engineering at Kalam chamber in Paavai Engineering College campus on 25.06.2018 to create awareness among the students about the skills and other qualities that industries expect from fresh engineering graduates. **Mr.M.GOWRISANKAR, Assistant Manager – Design and Development, Sundaram Fasteners Limited, Hosur** was the Guest Speaker. The Chief Guest is an alumnus of Paavai Engineering College from 2008-’12 batch who got placed into the company through “On-Campus Recruitment” of PAAVAI in 2012. The program was presided over by the Principal, **Dr. M.PREM KUMAR**. The welcome address was delivered by Mr. **Mr.S.K.NIRMAL** and the Chief Guest was introduced by **Mr. G.PREM KUMAR**, both final year Mechanical students. The Head of the Department of Mechanical Engineering **Prof. A.P. SIVASUBRAMANIAM** along with faculty members graced the occasion. Third year and final year students of Mechanical Engineering department participated in the program.





**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**Pachal, Namakkal.**  
**DEPARTMENT OF MECHATRONICS**

**“DEVELOPMENT OF COMPOSITES AND NANO-COMPOSITE MATERIALS UTILIZING PARTICLES AND FIBERS”**

A guest lecture on “Development of Composites and Nano-Composite Materials Utilizing Particles and Fibers” was organized on 24.01.19 at organized by the department of Mechatronics Engineering, Paavai Engineering College, Namakkal.

The Chief Guest, Dr. R. Rajasekar started the talk with giving an introduction about the composites and nano composite and its various applications in the field such as automobile, medical, agricultural, automotive, building construction, railway, etc. His talk also focused on the various combinations of nanomaterials and matrix materials which were used to fabricate the nanocomposite laminates with and without fiber. He listed down many new technologies include electric discharge machining, laser machining, electrochemical machining and focused ion beam milling for composites fabrications.





# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS ENGINEERING**

The Management, Director Admin, Principal, HOD  
and Staff Members cordially invite you for the

Guest Lecture on

**“Development of Composites and Nano-Composite Materials  
Utilizing Particles and Fibers”**

By

**Dr.R.Rajasekar,  
Professor,  
Department of Mechanical Engineering,  
Kongu Engineering College,  
Perundurai -639052.**

Date : **24<sup>th</sup> JANUARY, 2019**

Time : **10.00 A.M**

Venue : **Cute Hall**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**Pachal, Namakkal.**  
**DEPARTMENT OF MECHATRONICS**

**“SOLAR ENERGY CONVERSION SYSTEMS”**

A guest lecture on “Solar Energy Conversion Systems” was organized on 31.08.18 organized by the department of Mechatronics Engineering, Paavai Engineering College, Namakkal.

The Chief Guest, Dr.S. Manikandan started the talk with giving a brief statistic on the global demand for energy is currently growing beyond the limits of installable generation. His talk also focused on the recent trends to decrease the cost of the energy generation either by introducing the low cost processing techniques or to increase the efficiency of the solar cells. He listed down many new technologies include photo-electrochemical cells, polymer solar cells, quantum dot, tandem / multi-junction solar cells, up -conversion and down-conversion, surface plasmonic, nano-crystal solar cells and other novel innovations and inventions.







# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS ENGINEERING**

The Management, Director Admin, Principal, HOD  
and Staff Members cordially invite you for the

Guest Lecture on

### **“Solar Energy Conversion Systems”**

By

**Dr.S. Manikandan,**  
**Research Assistant Professor,**  
**Department of Mechanical Engineering,**  
**SRM Institute of Science and Technology,**  
**Kattankulathur - 603 203,**  
**Kancheepuram District,**  
**Tamil Nadu.**

Date : 31<sup>st</sup> AUGUST, 2018

Time : 10.00 A.M

Venue : Cute Hall

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**Pachal, Namakkal.**  
**DEPARTMENT OF MECHATRONICS**

**"CAREERS AFTER ENGINEERING"**

A guest lecture on "Careers After Engineering" was organized on 23.06.18 organized by the department of Mechatronics Engineering, Paavai Engineering College, Namakkal.

The Chief Guest, Mr. S. Joe Sujin started the talk with giving a brief statistic on the current employability status of engineering students. He highlighted the growth of VLSI and Embedded industry, which has increased demand for fresh engineers. His talk also focused on the recent industry trends in core engineering field. He listed down more than fifteen roles/designation currently being practiced in the core companies; their skill set requirement, companies name, job responsibilities etc. and explained the career growth ladder.





# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS ENGINEERING**

The Management, Director Admin, Principal, HOD  
and Staff Members cordially invite you for the

Guest Lecture on

**“Careers after Engineering”**

By

**S. Joe Sujin,  
Graphic Designer,  
Xtracut Digital Marketing,  
Chennai**

Date : **23<sup>rd</sup> JUNE, 2018**

Time : **10.00 A.M**

Venue : **Cute Hall**

**ALL ARE WELCOME**

2018-2019

“G Suite for Education & R&D CELL”



24.9.2018 & 25.9.2018

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

### “Entrepreneurship Development Programme & EDC CELL”



26.9.2018

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

Entrepreneurship. He also encouraged all the students to start their own business. He gave a few tips and key points to start a business in a particular area and to modernize the business in the current competitive world.

### “Entrepreneur and Business Start-up & EDC CELL”



19.01.2019

The departments of Information Technology and Computer Science and Engineering organized a one day workshop on 'Entrepreneur and Business Startup' in association with Josh Talks and Facebook on 19.01.2019 in Kalam's Chamber. Dr.K.K.Ramasamy, Director-Administration, presided over the

Function. In his presidential address, he motivated the students to start their own Businesses.

Mr.Amith Kumar, Co-Founder, Server cake, India and Mrs.Agrima Rathore, Campaign Manager, Josh Talks were the guest speaker. In the session, Mr.Amith Kumar gave a brief introduction about the salient features of Entrepreneurship and the basic qualities required for this task.



## “Python Programming for Problem Solving & R&D CELL”



25.01.2019

A guest lecture was conducted on behalf of the departments of Computer Science Engineering and Information Technology titled 'Python Programming for Problem Solving' on 25.01.2019. The guest speaker was Mr.V.Kumar, Technical trainer, C-Cube Technologies, Coimbatore, in his Keynote address, mentioned about the importance of python at the Multinational giant corporate like Google, Face book, etc., which recruit Engineers who have knowledge in machine learning, data analytics, and Artificial intelligence. Gender prediction and face recognition using python

Was demonstrated during the session. He also said about the platform Called freelancer (web design, mobile app development, virtual assistance,Product manufacturing and graphics design) from which one can earn a lot of money sitting at home .



**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

Pachal, Namakkal - 637 018.



**INVITATION**

**DEPARTMENT OF CHEMICAL ENGINEERING  
&  
RESEARCH AND DEVELOPMENT CELL**

The Management, Director Administration, Principal, Dean-Academics,  
Director P&T, HoDs, Staff Members and Students cordially invite you for the

**GUEST LECTURE  
ON  
“OPPORTUNITIES AND CHALLENGES FOR CHEMICAL ENGINEERS”**

Date : **14<sup>th</sup> SEPTEMBER 2018**

Time : **10:30 A.M**

Venue : **Kalam Chamber**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE (Autonomous)**  
**Department of Chemical Engineering**  
**& Placement Cell**  
**Guest Lecture**  
**On**  
**Opportunities and challenges for Chemical Engineers**



Paavai Engineering College (Autonomous), Department of Chemical Engineering organized One day Guest Lecture on **Opportunities and challenges for Chemical Engineers** in Chemical Engineering, on 14 September 2018 at Kalam Chamber.

Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, presided over the inaugural function. Mr.G.Srinivasan, HOD, Department of Chemical Engineering, welcomed the director, Mr.Nagul Dev, Assistant Professor, Department of Chemical Engineering and gathering. Mr.G.Srinivasan gave warm welcome to the chief guest.

The chief guest explained in detail about the Opportunities students can have in the field of chemical engineering and the challenges they will face along with the competition they will have to overcome in this field.



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**INVITATION**

**DEPARTMENT OF CHEMICAL ENGINEERING  
&  
RESEARCH AND DEVELOPMENT CELL**

The Management, Director Administration, Principal, Dean-Academics,  
Director P&T, HoDs, Staff Members and Students cordially invite you for the

**GUEST LECTURE  
ON  
“RECENT TRENDS AND MASS TRANSFER APPLICATION”**

Date : **15<sup>th</sup> OCTOBER 2018**

Time : **9:30 A.M**

Venue : **Kalam Chamber**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE (Autonomous)**  
**Department of Chemical Engineering**  
**& Research and Development Cell**  
**Guest Lecture**  
**On**  
**Recent trends and Mass Transfer Application**



Paavai Engineering College (Autonomous), Department of Chemical Engineering organized One day Guest Lecture on **Recent trends and Mass Transfer Application** in Chemical Engineering, on 15 October 2018 at Kalam Chamber.

Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, presided over the inaugural function. Mr.G.Srinivasan, HOD, Department of Chemical Engineering, welcomed the director, Mr.Nagul Dev, Assistant Professor, Department of Chemical Engineering and gathering. Mr.G.Srinivasan gave warm welcome to chief guest Dr.K.P.Gopinath, Associate Professor, SSN College of Engineering

The chief guests explained in detail about concepts of Mass transfer, its recent trends and its applications in chemical engineering.



**PAAVAI ENGINEERING COLLEGE**

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**INVITATION**

**DEPARTMENT OF CHEMICAL ENGINEERING  
&  
RESEARCH AND DEVELOPMENT CELL**

The Management, Director Administration, Principal, Dean-Academics,  
Director P&T, HoDs, Staff Members and Students cordially invite you for the

**WORKSHOP  
ON  
“MATLAB”**

Guest Speaker

Dr. Udaya Bhaskar Reddy Ragula,  
Associate Profesor,  
Amrita University

Date : **01<sup>st</sup> JULY 2018 (5 weeks)**

Time : **9:15 A.M**

Venue : **Kalam Chamber**

**ALL ARE WELCOME**



**PAAVAI ENGINEERING COLLEGE (Autonomous)**  
**Department of Chemical Engineering**  
**& Research and Development Cell**  
**Workshop**  
**On**  
**MAT Lab**



Paavai Engineering College (Autonomous), Department of Chemical Engineering organized One day Workshop on **MAT Lab** in Chemical Engineering, on 1 July 2018 which was conducted weekly once for 5 weeks.

Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, presided over the inaugural function. Mr.G.Srinivasan, HOD, Department of Chemical Engineering, welcomed the director, Mr.Nagul Dev, Assistant Professor, Department of Chemical Engineering and gathering. Mr.G.Srinivasan gave warm welcome to the chief guest, Dr. Udaya Bhaskar Reddy Ragula, Associate, Profesor, Amrita University.

The chief guest Dr. Udaya Bhaskar Reddy explained in detail about the concepts of the workshop – MAT lab and its applications in chemical engineering.

## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

### **A One Day Workshop on “IoT Applications Design: Issues and Challenges”**

The Department of MCA organized a one day workshop on 'IoT Applications Design: Issues and Challenges' on 24<sup>th</sup> January 2019. Dr.L.Arockiam, Dean & Professor, Department of Computer Science, St. Joseph's College (Autonomous), Trichy and Dr. S.S. Manikandasaran, Dean and Assistant Professor, Department of MCA, Christu Raj Institute of Computer Applications, Trichy were the resource persons of the workshop. The session started on a divine note with a prayer song. Ms. S.Soundarya of II MCA welcomed the gathering. The function was presided over by Dr. K.K.Ramasamy, Director-Administrator, Paavai Educational Institutions.

Dr.K.K.Ramasamy, in his presidential address, stressed the importance of keeping oneself abreast of latest developments in one's field thereby improving lateral thinking to create innovations. He emphasized that students should practice and improve their communication skills in order to communicate effectively during interviews successfully. Finally, he insisted on the students to be familiar with the interdisciplinary domains.

The chief guest, Dr.L.Arockiam, in his keynote address, instructed the students to enrich their knowledge with the Internet of Things (IoT) technology and get exposed to successful career opportunities around the world. In the opening session, he briefed the students about the Internet Revolution, Impact of Internet, IoT Introduction, Emerging Architecture of IoT and Layers of IoT.

Session 2 dealt with “Cloud IoT” handled by Dr. S.S. Manikandasaran, Dean and Assistant Professor, Department of MCA, Christu Raj Institute of Computer Applications, Trichy. He gave some detailed information about Creating platform for intelligent IoT services, accelerating business agility and decision making with IoT data, Cloud reference architecture and Cloud IoT Core concepts with examples.

Session 3 was about “IoT Technologies” handled by Mr. R. Stephen, Research Scholar, Department of Computer Science, St. Joseph's College (Autonomous), Trichy. He gave detailed information about Backbone of IoT, Sensors, Radio Frequency Identification (RFID), Near Field Communication (NFC), Ethernet, Bluetooth, WiFi and Wireless concepts with examples.

Session 4 concentrates on “IoT Connections” handled by Ms. Sathya Priya, Research Scholar, Department of Computer Science, St. Joseph's College (Autonomous), Trichy. She described elaborately about IoT Connectivity, Network/communication technologies, From Bluetooth and NFC to WiFi and ZigBee, Cellular IoT, LPWA(N) and so on. Session 5 on “IoT

Security & App Demonstration”, was taken by Mr.V.A.Jane, Research Scholar, Department of Computer Science, St. Joseph’s College (Autonomous), Trichy. He explained in detail about the various Issues of IoT and the methods to overcome from these issues. Finally, he demonstrated IoT principles with Apps.

The sessions were completely interactive and the queries of the students were clearly clarified by the resource persons. The outcome of the one day workshop was that the students were able to understand the Internet of Things concepts and can do innovations in the IoT devices and their applications to our environment.

The Introduction of the chief guest was given by Ms. M.Vaishali of II MCA. The function concluded with the vote of thanks by Ms.A.Porkodi, II MCA. Heads of various Departments, Professors, and Faculty members actively participated in the programme and made it a grand success. Students from various Arts and Science colleges located in Salem and Namakkal and the whole MCA department participated with full zeal and was benefitted by this programme.



The chief guest, Dr.L.Arockiam, addressing the keynote address



A One Day Workshop on “IoT Applications Design: Issues and Challenges”

## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

### **A One Day Seminar on “Software Development Trends”**

The department of MCA organized a one day seminar on 'Software Development Trends' on 29<sup>th</sup> December 2018. Mr.Venkatesh Rajagopal, Professional2-Service Software Delivery Coordinator, DXC Technology, Hyderabad, was the chief guest for the function. The function started on a divine note with the prayer song. Ms.P.Manjula of II MCA welcomed the gathering. The function was presided over by Dr. M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, insisted the students to update their knowledge every day by learning new things around the world. He emphasized the students to play the given role effectively at the time of studying and prepare themselves for employability. Finally, he stressed the students to come out from comfort zone and get ready to face the expectations of the world.

The chief guest, Mr.Venkatesh Rajagopal, in his keynote address, instructed the students to gain the basics of every subject associated with them and to get 100% employability. He briefed the students about Software Development Process, Project Team Hierarchy like Head of Development, System analyst, Project Manager, Business Manager, Software Development Manager, Quality Manager and their roles in Software Development. He explained in detail about hiring process steps involved the need, plan, job description, post and promote job openings, recruiting, applicant screening, interviews, applicant talent assessment, hiring and on boarding. Then, he narrated software development trends, challenges in software development, primary programming language, tools used for project management, source code management tools, hiring criteria, developer performance, delivery problems in software teams and project execution trends, methods with live examples.

The sessions were highly interactive and the queries of the students were clearly clarified by the resource person. The students were able to understand software development process concepts and develop the software along with the latest technology.

Earlier, Introduction of the chief guest was given by Ms.K.R.Kiruthika of II MCA. The function concluded with vote of thanks by Ms.S.Rajpriya, II MCA. Heads of various departments and faculty members participated in the guest lecture programme and made it a



grand success. Students from MCA department actively participated with full zeal and were benefitted by this programme.

### **A One Day Seminar on “Software Development Trends”**



The chief guest, Mr.Venkatesh Rajagopal, briefing the Software Development Process



## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

### **A One Day Seminar on “Solving the Real Life Problems using Internet of Things”**

The departments of MCA and MBA jointly organized a one day seminar on 'Solving the Real Life Problems using Internet of Things' on 13<sup>th</sup> October 2018. Mr.D.Muthuramalingam, Software Engineer, Advanced Millennium Technology Pvt. Ltd, Bangalore, was the chief guest for the function. The function started on a divine note with the prayer song. Ms.K.Sudha of II MCA welcomed the gathering. The function was presided over by Dr. M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, insisted the students to become masters in their specialized area. He emphasized the students to practice and improve the communication skills in order to communicate properly to face the company interview successfully. Finally, he stressed the students to get ready for employability with the latest technology.

The chief guest, Mr.D.Muthuramalingam, in his keynote address, instructed the students to gain the knowledge with the Internet of Things (IoT) technology and get easy employability around the world. He briefed the students about Internet Revolution, Impact of Internet, IoT Introduction, IoT Life Cycle, Architecture of IoT, Sensors, Radio Frequency Identification (RFID), Near Field Communication (NFC), Bluetooth, WiFi and Wireless concepts with examples. He explained in detail about various Issues of IoT and the overcoming methods for these issues. Finally, he demonstrated IoT with real life applications like Smart Home, Industrial Internet, Smart Cities and IoT Agriculture with Apps.

The sessions were highly interactive and the queries of the students were clearly clarified by the resource persons. The outcome of the one day seminar is that the students are able to understand Internet of Things concepts, to innovate the IoT devices and the applications for our environment.

Earlier, Introduction of the chief guest was given by Ms.P.Manjula of II MCA. The function concluded with the vote of thanks by Ms. B.Brindha, III MCA. Heads of various departments, Professors and Assistant Professors participated in the guest lecture programme and made it a grand success. Students from MCA and MBA departments actively participated with full zeal and were benefitted by this programme.

**A One Day Seminar on “Solving the Real Life Problems using Internet of Things”**



The chief guest, Mr.D.Muthuramalingam, addressing the keynote address

## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

### **A One Day Seminar on “Accelerate your career with Evolving Digital Marketing Strategies”**

The departments of MCA and MBA jointly organized a guest lecture on 'Accelerate your career with Evolving Digital Marketing Strategies' on 1<sup>st</sup> October 2018. Mr.K.Aravindan, Head of Digital Marketing, Ques Corp, Bangalore, was the chief guest for the function. The function started on a divine note with the prayer song. Mr.M.Dinesh, I Year MBA welcomed the gathering. The function was presided over by Dr. K.K.Ramasamy, Director-Administration, Paavai Educational Institutions.

Dr.K.K.Ramasamy, in his presidential address, stressed the importance of digital technologies to empower every student with access to digital services, knowledge and information. He insisted the students that their participation and contribution needed as a Digital Contributor to our nation. Finally, he encouraged the students to interact with the guest and take maximum benefit out of the function.

The chief guest, Mr.K.Aravindan, in his keynote address, instructed the students to adopt positive thinking and increase the self confidence that support to what they want to achieve in the world. He gave detailed information about Introduction to Digital Marketing, Different types of ads, Content Marketing, Social Media Marketing, Email Marketing, Digital channels such as Search engines, Websites, Social Media, Email and Mobile apps, Data analytics using SQL, Hadoop, Python and Search Engine Optimization. Then, he narrated digital marketing concepts with templates lively. The session was highly interactive and the queries of the students were clearly clarified by the guest. The outcome of the guest lecture is that the students are utilizing digital technologies, understanding digital marketing and making the use of digital marketing automation process effectively.

Earlier, Introduction of the chief guest was given by Ms.A.C.Oviya, First year MBA. The function concluded with the vote of thanks by Mr.S.Sindhuja, II year MBA. Heads of various departments, Professors, and Assistant Professors participated in the guest lecture programme and made it a grand success. Students from MCA and MBA departments actively participated with full zeal and were benefitted by this programme.

**Guest Lecture on “Accelerate your career with Evolving Digital Marketing Strategies”**



The chief guest, Mr.K.Aravindan, addressing the keynote address

## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

### **A One Day Seminar on “Develop Modern Web Application using HTML5 and ASP.Net”**

The departments of MCA and MBA jointly organized a guest lecture on “Develop Modern Web Application using HTML5 and ASP.Net” on 29<sup>th</sup> September 2018. Mr.M.Vignesh, Senior Software Developer, Capgemini Technology Services India Limited, Chennai, was the chief guest for the function. The function started on a divine note with the prayer song. Ms. S.Rajpriya of Second Year MCA welcomed the gathering. The function was presided over by Dr. M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, insisted that the students should listen what happened around the world in their respective areas. He emphasized the students to improve the communication skills and learn the latest technology with pleasure to fulfill the Industry expectation. Finally, he advised the students to utilize the opportunities properly around them.

The chief guest, Mr.M.Vignesh, in his keynote address, instructed the students to improve their self confidence and have faith on themselves to achieve their goals. He gave detailed information about Client Side Scripting, Server Side Scripting, HTML5, CSS-3 (Cascading Style Sheet), Java Script, Type Script, Angular, ASP.Net, Node.js, React and Vue.js. Then, he narrated the Web application Development Concepts, Types of Web applications, Process of Web Development and Environment Setup for web application programs on Visual studio IDE (Integrated Development Environment) environment lively. The session was highly interactive and the queries of the students were clearly clarified by the guest. The outcome of the guest lecture is that the students are able to understand the web development concepts and can develop web applications with the latest web technology.

Earlier, Introduction of the chief guest was given by Ms.B.Brinda, Second year MCA. The function concluded with the vote of thanks by Mr.S.Shreedhar, Second year MCA. Heads of various departments, Professors, and Assistant Professors participated in the guest lecture programme and made it a grand success. Students from MCA and MBA departments actively participated with full zeal and were benefitted by this programme.



## Guest Lecture on “Develop Modern Web Application using HTML5 and ASP.Net”



The chief guest, Mr.M.Vignesh, addressing the keynote address



## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

### **A One Day Seminar on “Empowering Youth– Emerging Management Challenges”**

The Departments of MCA and MBA jointly organized a guest lecture on 'Empowering Youth- Emerging Management Challenges' on 8<sup>th</sup> September 2018. Thiru. Tamilnadhi Aathavan, Actor and Orator, Film and TV Media, Chennai, was the chief guest for the function. The function started on a divine note with the prayer song. Ms. P.Elakkiya of Final Year MCA welcomed the gathering. The function was presided over by Dr. K.K.Ramasamy, Director-Administration, Paavai Educational Institutions.

Dr.K.K.Ramasamy, in his presidential address, stressed the importance of gathering the new ideas and lateral thinking to create innovations. He emphasized the students to practice and improve the communication skills in order to communicate properly to face the company interview successfully. Finally, he insisted the students to change their attitude and create new innovations.

The chief guest, Thiru. Tamilnadhi Aathavan, in his keynote address, instructed the students to maintain good habits, honesty, respect to elders and keep them in happiness. Then, he inspired the students by the speech of his own career from ordinary person to Film Actor and Director. He, also he stated that India's backbone is agriculture and everyone has to honor the farmers and support the improvement in agriculture field. He motivated the students with short films. The session was highly interactive and the queries of the students were clearly clarified by the guest. The outcome of the guest lecture is that the students are encouraged to face the challenges in their life.

Earlier, Introduction of the chief guest was given by Ms.R.Monika, Final year MCA. The function concluded with the vote of thanks by Mr.S.Mohankumar, II year MBA. Heads of various Departments, Professors, and Assistant Professors participated in the guest lecture programme and made it a grand success. Students from MCA and MBA Departments actively participated with full zeal and were benefitted by this programme.

Guest Lecture on “Empowering Youth– Emerging Management Challenges”



The chief guest, Thiru. Tamilnadhi Aathavan, addressing the keynote address

## **ACCELERATE YOUR CAREER WITH EVOLVING DIGITAL MARKETING STRATEGIES**

A Guest Lecture on 'Accelerate Your Career With Evolving Digital Marketing Strategies' on 1.10.2018 by Mr. Aravindhan, Head Of Digital Marketing, Quess Corp, Bangalore gave a speech about Strategies in Marketing.

## **DEVELOPING MODERN WEB APPLICATIONS USING HTML**

Developing Modern Web Applications Using HTML a guest lecture was organized by department of business administration on 29.9.2018 . Mr. Vignesh, Senoir Software Developer, Capgemini Technology Services India Ltd., Chennai discussed about Modern Web Applications.

## **DIGITAL MARKETING**

One day training program on Digital Marketing was organized by Department of Business Administration on 25.12.2018 and the guest, G.Harish, Md, Mad Maze Studio, ignited and was a source of motivation for the MBA students.

## **EMPOWERING YOUTH**

A Guest lecture on Empowering Youth on 8.9.2018 by Department of Business Administration and the chief guest was Mr. Tamilnidhi Adhavan, Orator & Actor in the discussion was on various techniques on Empowering.

## **ADULT LEARNER – A TRANSFORMATION**

Two day training program on Student to Adult Learner – A Transformation was organized by Department of Business Administration on 26.12.2018 -27.12.2018 and the guest, Dr. K.S. Gupta, Director, KSG Centre of Quality Minds, Bangalore ignited the students with his speech and was a source of motivation for the MBA students.

## **ENTREPRENEURSHIP PROSPECTS**

A Guest Lecture on Entrepreneurship Prospects In Event Management on 25.3.2019 by Rtn. Vishwanath Prabhu, Managing Director, E3 Innovations, Salem gave a speech about Entrepreneurship development

**Paavai Engineering College  
(Autonomous)  
Conference, Seminars, Workshops on quality Conducted**

**Academic Year (2017-2018)**

<b>S.No</b>	<b>Name of the workshop/ seminar</b>	<b>Number of Participants</b>	<b>Date From – To</b>
1	Two day national level Technical symposium TECHFINIX 18	3673	02.02.2018 to 03.02.2018
2	Two Days International Conference ICATS 2018	525	20.04.2018 to 21.04.2018
3	seminar on organic farming and manure -Mupperum Vizha	129	29.01.2018
4	workshop on sustainable water management	200	20.07.2017
5	Leading Innovation Technology in Civil Industry	230	08.03.2018
6	Recent Software development in Civil Engineering Field	232	06.09.2017
7	Cyber Physical System	70	19.06.2017 to 24.06.2017
8	Python Programming And Database	50	03.07.2017 to 07.07.2017
9	Multimedia	40	27.09.2017
10	Current Trends In Software Industry	60	20.01.2018
11	Artificial Intelligence	40	08.03.2018
12	Modern Approach To Artificial Intelligence	50	16.03.2018
13	Workshop on Challenges in Hardware Interfacing with ARM processor using Embedded C	62	01.12.2017
14	FDP on Control System Engineering	20	29.11.2017 to 30.11.2017
15	Seminar on 5G Technology	42	14.03.2018
16	Electric Power Systems	80	10.07.2017 to 15.07.2017
17	Super capacitor and its applications	95	28.12.2017
18	Enhancement of power Quality in Power System	93	26.08.2017
19	Role of Embedded systems in industries	56	28.08.2017
20	Circuit Theory	20	27.11.2017 to 28.11.2017
21	Latest Trends in Manufacturing Processes	40	23.08.2017

22	Industry – Student Interfacing Program	40	19.09.2017
23	Training Programme on Computational Fluid Dynamics	50	12.06.2018
24	Fundamental of Chip Level Technology	20	06.09.2017
25	Role of Embedded System	20	28.8.2017
26	Robotics & Automation	25	24.01.2018
27	Cyber Physical Systems With R&D CELL	45	19.06.2017 to 24.06.2017
28	Foundation Program 4.1 with Placement CELL	50	03.07.2017 to 07.07.2017
29	Guest Lecture on Fluid Mechanics for Chemical Engineers	58	20.07.2016
30	Guest lecture on Industrial Process Calculation	60	25.08.2017
31	Guest lecture on Advanced Treatment in Effluents	55	30.08.2017
32	Workshop on Process Simulation & Analogy in Chemical Engineering	168	22.09.2017
33	Innovative Mobile Apps Development	50	13.10.2017
34	The Internet of Things-the Next Technology	50	10.10.2017
35	Essentials of Cloud Computing	50	22.09.2017
36	Best Practices in Java	50	16.09.2017
37	Guest Lecture 'Investor Awareness About Stock Market'	36	18.11.2017
38	Event Management	31	06.11.2017
39	Investor Awareness about Stock programme	28	28.10.2017
40	One day Industry Motivation Campaign	33	25.10.2017





# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**National Level Technical symposium  
on  
“TECHFINIX’ 18”**

**Guest Speaker  
Shri. R. Pannir  
General Manager – HR & Medical,  
Bharat Heavy Electrical Limited,  
Tiruchirapalli**

Date: 02.02.2018 -03.02.2018

Time: 1.30 P.M.

Venue: Anandha arangam

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**

National Level Technical symposium on  
“TECHFINIX’ 18”



A two-day National Level Technical symposium TECHFINIX’ 18 was conducted to fortify the students with exuberant knowledge in their related fields on 02.02.2018 and 03.02.2018. Shri. R. Pannir, General Manager – HR & Medical, Bharat Heavy Electrical Limited, Tiruchirapalli gave the keynote address and unveiled the screen of TECHFINIX ‘18.

In the Valedictory function , Aravind Pradeep, Founder of Swadesh IAS Academy and Premanand Sethurajan, Founder and CEO of LMES Academy were the guest speakers.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**International Conference  
on  
“ADAPTIVE TECHNOLOGIES FOR SUSTAINABLE GROWTH”**

**Guest Speaker  
Prof. R. M. Vasagam  
Council Member IE (I), Former Vice Chancellor,  
Anna University & Dr. M.G.R Medical University, Chennai**

Date: 20.04.2018-21.04.2018

Time: 1.30 P.M.

Venue: Anadha Arangam

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**

### **International Conference on “ADAPTIVE TECHNOLOGIES FOR SUSTAINABLE GROWTH”**



A two-day International Conference titled “Adaptive Technologies for Sustainable Growth (ICATS-2018)’ was held on Prof. R. M. Vasagam, Council Member IE (I), Former Vice Chancellor, Anna University & Dr. M.G.R Medical University, Chennai unveiled the screen of ICATS-2018 and delivered the Inaugural address. Another chief guest Dr. Pinnammaneni Bhanu Prasad, Technical Advisor (R&D), Kelenn Technology, France, gave presentation on the real time applications of artificial Intelligence, Image Processing, Virtual Reality and Augmented Reality. Special address was given by Dr.Ir.Nirmalesh K.S.Kumar, R&D Program Manager, Enso Inc., Europe

**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**DEPARTMENT OF AGRICULTURE ENGINEERING**  
**WORKSHOP REPORT**

A one day workshop conducted on Sustainable water management by department of Agriculture Engineering and Research & development on 20.07.2017. Dr. B.J.Pandian, Director of water technology centre TNAU, Dr. E.Vadivel, Former Director of extension education TNAU, Dr.S.Ramasamy, Former Head of organic sustainable agriculture TNAU, Mr.Prabu sankar , Thanyas Organic farming Pvt Ltd., were the guest speaker.

Our Honorable Principal Dr.M.Premkumar gave his valuable presidential address about the field of Agriculture engineering and opportunities in this field.

Firstly, Dr. B.J.Pandian was delivered his valuable speech on the importance of water management in agriculture and how to sustain the water resources. Dr.S.Ramasamy and Mr.Prabu sankar were gave a detailed lecture on water management in organic forming and various water storage methods to recharge ground water. Finally our respected HOD Dr.R.Jagannathan was delivered vote of thanks. 200 students and 30 farmers were participated.





**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**DEPARTMENT OF AGRICULTURE ENGINEERING**  
**GUEST LECTURE REPORT**

A Guest lecture on Health and Emotions organized by Department of Agriculture Engineering and Skill development on 01.08.2017 at Kalam's Chamber. Dr. Rajalakshmi MD, Bangalore, was the guest speaker .

Our Honorable HOD Dr.R.Jagannathan gave his valuable presidential address about the guest speaker. Dr. Rajalakshmi MD was delivered his valuable speech about student's emotion, goal setup, continuous planning, health and achievement. 68 students and staffs were attended in this programme.





# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

## **DEPARTMENT OF CIVIL ENGINEERING**

**Academic Year 2017-2018**

### **Guest Lecture and Research and Development Report**

A one day Guest lecture and Research and Development on the title **“Leading Innovation Technology in Civil Industry”** was organized by Department of Civil Engineering, Paavai engineering college on 08.03.2018.

**Er. S.RAJ KUMAR**, CEO & CHAIRMAN, the Salem Land Survey Institute, Salem was the chief guest. Mr. M.Yuvraj, third year student of Paavai engineering college welcomed the gathering, Mr. S.Mohammed Faizal, second year student of Paavai engineering college gave a brief introduction about the chief guest. Our Honorable Principal **Dr. M. PremKumar** gave his valuable presence and honored the chief guest. Our Honorable Dean **Dr.S.Sukumar**, Department of Civil Engineering gave his valuable presidential address about the field of civil engineering and about the session. Er. S.RAJKUMAR delivered his gesture elaborately about the construction technologies used in abroad. The discussion was about the various surveying methods which are majorly adopting in the civil construction field and also he included the importance of the surveying in various aspects.



# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**DEPARTMENT OF CIVIL ENGINEERING**

**Academic Year 2017-2018**

## **GUEST LECTURE AND RESEARCH AND DEVELOPMENT REPORT**

Guest Lecture and Research and Development on **“RECENT SOFTWARE DEVELOPMENT IN CIVIL ENGINEERING FIELD”** in Kalam Chamber.

A one day Guest lecture on the title **“Recent Software Development in Civil Engineering Field”** was organized by Department of Civil Engineering, Paavai engineering college on 06.09.2017.

**Mr.G.Boopalan M.D of Guru Lakshmi builders** and **Dr.A.S.Madeshwaran M.D of United CADD solutions** was the chief guest. **Mr.M.Yuvraj**, Third year Student, Paavai engineering college welcomed the gathering, **Ms.Ranjini**, Third year student; Paavai engineering college gave a brief introduction about the chief guest.

Our Honorable Principal **Dr.M.Premkumar** gave his valuable presidential address about the field of civil engineering and about the session. Finally our chief guest G.Boopalan starts his lecturing.

Firstly, Dr.A.S.Madeshwaran was delivered his valuable speech on the importance of software utilization in field work. The innovative software and the basic software oriented discussions were done. All the queries asked by our students and faculties are clarified effectively.



## ACADEMIC YEAR 2017-2018

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### ISTE STTP WORKSHOP ON “CYBER PHYSICAL SYSTEMS” WAS ORGANISED BY THE DEPARTMENT OF CSE JOINTLY WITH R & D CELL

Dr.T.Purusothaman, Professor, Government College of Technology, Coimbatore, presented ISTE STTP workshop on “Cyber Physical Systems”.



### INFOSYS CAMPUS CONNECT FACULTY ENABLEMENT PROGRAM ON “FOUNDATION PROGRAM 4.1” WAS ORGANISED IN ASSOCIATION WITH PLACEMENT CELL

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8th Jul, 2017

A five day Infosys Faculty Enablement Program on Foundation Program 4.1 was conducted from 03.07.2017 to 07.07.2017 by the department of Computer Science and Engineering jointly with placement cell, Paavai Engineering College. The seminar started with an inauguration ceremony in the presence of Chairman CA.N.V.Natarajan, Director Admin Dr.K.K.Rangasamy, Principal Dr.Prem Kumar, Head of CSE department Dr. A.Suphalakshmi and the Lead Mrs.Sahana Kumarasamy. The introduction of participants was given by the Lead Mrs.Sahana Kumarasamy. The Chairman CA.N.V.Natarajan gave his speech about the Infosys Campus Connect team and its service to the student sector. He emphasized about the Infosys campus connect program and appreciated the Infosys for their service of knowledge sharing through faculties. The five days program included the hands on sessions on Python fundamentals, Object Oriented Programming, Project implementation and Database Design.



Mr.SureshMadhesan, Technical Architect, Chennai, explained about the current trends in software industry.



Dr.K.Selvakumar, Professor, School of Computer Science and Engineering, VIT presented a guest lecture titled "Modern Approach to Artificial Intelligence."





# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**Workshop  
on  
“CHALLENGES IN HARDWARE INTERFACING WITH ARM  
PROCESSOR USING EMBEDDED C”**

**Guest Speaker  
Associate Professor  
Department of Electronics and Communication Engineering  
Paavai Engineering College  
Pachal**

Date: 01.12.2017

**Time: 1.30 P.M.**

Venue: Mission ten X lab

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**

### **Workshop on “CHALLENGES IN HARDWARE INTERFACING WITH ARM PROCESSOR USING EMBEDDED C”**



A one day workshop on ‘Challenges in Hardware Interfacing with ARM processor using Embedded C’ was organized by the department of Electronics and Communication Engineering on 01.12.2017. In the technical sessions, prof. V.Sakthivel and Mr. Ganesh explained the coding process using Embedded C on ARM Processor. The Hands-on Training session using ARM processor and UTLP kit was handled by the faculty members of ECE department.





# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

#### **Faculty Development Programme on “CONTROL SYSTEM ENGINEERING”**

**Guest Speaker  
Mrs.M.Sahaya Sheela  
Assistant Professor  
ECE Department  
Paavai College of Technology**

Date: 29.11.2017 and 30.11.2017

Time: 1.30 P.M.

Venue: Cute Hall

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

### **AND R & D CELL**

#### Faculty Development Programme on **“CONTROL SYSTEM ENGINEERING”**



The Faculty Development Department organized two days (29.11.2017 and 30.11.2017) in-house FDP for the faculty of ECE of all Paavai Engineering Colleges on the title “Control System Engineering”. Mrs.M.Sahaya Sheela (Assistant Professor, ECE, PCT) was the resource person for the fore noon session on 29.11.17. She explained about Classification of control system and Methods to determine transfer function with real time applications. Miss.M.Sathiyapriya (Assistant Professor, ECE, PCE) handled the second session wherein she spoke about the Time response analysis and Steady state Error. The resource persons made use of videos to drive home the concept. Tutorials were conducted and problems were given to the faculty to work out on the second day, Mrs.M.Sahaya Sheela taught the frequency response analysis using plots to find the frequency domain specifications. Problems were given related to Bode plot and Polar plot. The last session was handled by Miss.M.Sathiyapriya. She outlined the basics of

Stability and the methods to determine the stability of the system using various methods. Routh-Hurwitz criterion and Root locus methods were clearly explained. Dr.R.Kasthuribai, Dean Faculty Development and Dr.K.Selvi, Dean Academics graced the programme.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**Seminar  
on  
“5G TECHNOLOGY”**

**Guest Speaker  
Mr.V.Anbalagan  
Sub Divisional Engineer, BSNL, Salem**

Date: 14.03.2018

Time: 1.30 P.M.

Venue: Cute Hall

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**

### **Seminar on “5G TECHNOLOGY”**



The Department of Electronics and Communication Engineering organized a One day Seminar titled “5G TECHNOLOGY” sponsored by the Institution of Engineers (India), Salem Local Centre, Salem on 14.03.2018 in Cute hall. The function started with the prayer song. Dr.M.Premkumar, Principal, Paavai Engineering College, presided over the function. In his presidential address, he insisted the participants to become a creator and a provider of new technologies. Mr.V.Anbalagan, Sub Divisional Engineer, BSNL, Salem, gave his keynote address where he stressed that participants should focus on application of science in addressing various issues as an Engineer. He also cherished the invention of transistor which is the base of all technological developments in the world. In the Valedictory session, Er.SR.Saravanan, Honorary Secretary of Salem Local Centre, Institution of Engineers (India) gave his valedictory address and he along with Dr.R.Arangasamy, HoD, ECE distributed the certificates to the participants. Dr.R.Arangasamy, HoD, ECE gave the vote of thanks.



# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**One day GUEST LECTURE**

**on**

**“SUPER CAPACITOR AND ITS APPLICATIONS Guest Speaker”**

**Dr..V.Velmurugan, ,**

**Professor,**

**VIT University,**

**Vellore.**

**Date : 28<sup>th</sup> DECEMBER, 2017**

**Time : 10.00 A.M**

**Venue : Cute Hall**

**ALL ARE WELCOME**





**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC  
ORGANIZED  
One day GUEST LECTURE  
ON  
"SUPER CAPACITOR AND ITS APPLICATIONS"**

The Department of EEE, Paavai Institutions, conducted a guest lecture on the title, **"SUPER CAPACITOR AND ITS APPLICATIONS"** on 28.12.2017. Dr.M.PREMKUMAR, Principal, Paavai Engineering College (Autonomous), presided over the function and insisted the students to consider this kind of guest lecture as an opportunity to know the advancements in the field of electrical engineering in grid automation. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their career. Knowledge upgradation is quite necessary and there is always a constant opportunity for effective electrical engineers.

Dr..V.Velmurugan, professor, School of Electrical Engineering, VIT University, Vellore was the chief guest. In his lecture, he pointed out description of supercapacitor and its detailed behavior compared with conventional battery, applications of supercapacitor. He also explained about future scope of supercapacitor and recent ongoing researches. He insisted the participants to shape themselves according to the needs of the society as they are in the period of innovation.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

### **DEPARTMENT OF**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION  
WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**One day GUEST LECTURE**

**ON**

**“Enhancement of Power Quality in Power Systems”**

### **Guest Speaker**

Mr.K.Saravanan, Assistant Professor,  
School of Electrical and Computer Engineering.,  
Jimma University, Ethiopia

Date : **26<sup>th</sup> August, 2017**

Time : **10.00 A.M**

Venue : **SMART Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH  
ENERGY CLUB ORGANIZED**

**One day GUEST LECTURE**

**ON**

**“Enhancement of Power Quality in Power Systems”**

A Guest Lecture on “**Enhancement of Power Quality in Power Systems**” was held on 26.08.2017 and it was organized by the Department of Electrical and Electronics Engineering. The guest speaker Mr.K.Saravanan, Assistant Professor, School of Electrical and Computer Engineering, Jimma University, Ethiopia, gave a detailed lecture on power system and improvement of power quality in the power system.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE**

on

#### **“The Role of Embedded Systems Industries”**

#### **Guest Speaker**

**Mr.V.Sasikumar,**  
Chief Executive in Green CAD,  
Namakkal

Date : **28<sup>th</sup> August, 2017**

Time : **10.00 A.M**

Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC  
ORGANIZED  
One day GUEST LECTURE  
ON  
“The Role of Embedded Systems Industries”**

A workshop on “The Role of Embedded Systems Industries” was organized on 28.08.2017 at the Cute Hall by the Department of Electrical and Electronics Engineering. Mr.V.Sasikumar, Chief Executive in Green CAD, Namakkal was the chief guest. He gave a detailed lecture on how embedded systems are changing automation and explained its role in vehicle ABS and ESP systems.







# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE**

on

#### **“Circuit Theory”**

#### **Guest Speaker**

Mr.D.Murugesan, and Mrs.Royna Daisy ,  
Assistant Professor,  
Electrical and Electronics Engineering

Date : **27<sup>th</sup> November , 2017**

Time : **10.00 A.M**

Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH  
ENERGY CLUB ORGANIZED  
One day GUEST LECTURE  
ON  
“Circuit Theory”**

A Faculty development program on ““Circuit Theory” was held on 27.11.2017 & 28.11.2017 and it was organized by the Department of Electrical and Electronics Engineering. The resource persons Mr.D.Murugesan, and Mrs.Royana Daisy , Assistant Professor, Electrical and Electronics Engineering, , gave a detailed lecture on Circuit Theory.



## EVENTS 2017– 2018

### Department of Mechanical Engineering and R&D cell

#### Latest Trends In Manufacturing Process

A guest lecture on the topic of 'Latest Trends In Manufacturing Processes' was organized by the Department of Mechanical Engineering at the Kalam's Chamber on 23.08.2017 to impart knowledge to the Mechanical Engineering students. Dr.S.Sivasankar, Head of the department, Mechanical Engineering, Government College of Engineering, Thanjavur, was the chief guest.





INDO-UK  
Higher Education Partnership Programme



**“Industry - Student Interfacing Program”**

Organised by

Associated Academic Partners

International partners

University of Exeter, UK



Associated Industry Partners

International partners

NAFEMS, UK  
Simpleware, UK

**PAAVAI ENGINEERING COLLEGE**

Recipient of INDO- UK Project



### Industry – Student Interfacing Program and EDC

A two-day workshop on the topic 'Training and Certification Programme on CFD - Part 1' was organized by the department of Mechanical Engineering at the Cute Hall during 19.09.2017 and 20.09.2017. In association with NAFEMS-India, Bangalore under the Indo-UK Higher Education Partnership Programme for quality development in academic spheres. The resource person was Mr. A.Chakrapani, Operations Manager, ACRI Infotech Pvt. Ltd, Bangalore.





**Department of Mechanical Engineering & Placement cell**  
**Training Programme on Computational Fluid Dynamics Part-1**

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







**PAAVAI ENGINEERING COLLEGE  
(Autonomous)  
Pachal, Namakkal.  
DEPARTMENT OF MECHATRONICS**

**“FUNDAMENTALS OF CHIP-LEVEL TECHNOLOGY”**

A guest lecture on “Fundamentals of Chip-Level Technology” was organized on 06.09.17 organized by the department of Mechatronics Engineering, Paavai Engineering College, Namakkal.

The Chief Guest, Mr.R. Deepacheliyan gave detailed lecture on how chip level servicing are updating and explained its role in desktop and laptop, mobile phone, CCTV, and adaptors. He gave a brief overview on chip level technology applications in electrical and electronics micro components. He then gave introduction about the chip level servicing courses. Further, he explained the importance of chip level technology and how to get job by learning the chip level servicing courses.





# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS ENGINEERING**

The Management, Director Admin, Principal, HOD  
and Staff Members cordially invite you for the

Guest Lecture on

**“Fundamentals of Chip-Level Technology”**

By

**Mr. Deepacheliyan,  
Chip-Level Service Engineer,  
M/s.Unique System,  
Erode**

Date : **6<sup>th</sup> SEPTEMBER, 2017**

Time : **01.40 P.M**

Venue : **Prestige Hall**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**Pachal, Namakkal.**  
**DEPARTMENTS OF MECHATRONICS & ELECTRICAL AND ELECTRONICS ENGINEERING**

**“ROLE OF EMBEDDED SYSTEMS IN INDUSTRIES”**

A workshop on “Role of Embedded Systems in Industries” was organized on 28.08.17 organized by the departments of Mechatronics Engineering & Electrical and Electronics Engineering, Paavai Engineering College, Namakkal.

The Chief Guest, Mr.V.Sasi Kumar gave detailed lecture on how embedded systems are changing automation and explained its role in vehicle ABS and ESP systems, smart phone communication and information services, and ordinary domestic household devices to industrial production plant systems. He gave a brief overview on embedded systems applications in consumer, cooking, industrial, automotive, medical, commercial and military. He then gave introduction about the embedded system architecture. Further, he explained the importance of embedded systems and how to get job by learning the embedded system related software courses.





# **PAAVAI ENGINEERING COLLEGE**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS ENGINEERING**

The Management, Director & Senior Principal, Vice-Principal, HOD  
and Staff Members cordially invite you for the

Workshop on

**“Role of Embedded Systems in Industries”**

Guest Speaker

**Mr.V.Sasi Kumar,**  
**Managing Director,**  
**Mikrosun Technology,**  
**Salem,**

Date : **28<sup>th</sup> AUG, 2017**

Time : **10.00 A.M**

Venue: **Smart Hall**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**Pachal, Namakkal.**  
**DEPARTMENT OF MECHATRONICS & AERONAUTICAL ENGINEERING**  
**"ROBOTICS AND AUTOMATION"**

A guest lecture on "Robotics and Automation" was organized on 24.01.18 organized by the department of Mechatronics & Aeronautical Engineering, Paavai Engineering College, Namakkal.

The Chief Guest, Mr. J.Venkatesan Prabu gave an excellent insight into Robots, their applications in various areas and also briefly highlighted about the history on evolution of Robots. His talk was highly appreciated. The talk was followed by a video presentation was shown about the use of laparo-simulator modules and to explain about the robotic surgery implementation in the field of medical application. He gave a brief overview about robotics, necessity of robots, difference between robotics and artificial intelligence, types of robots, its hardware. Applications in the area of defense research like big-dog, cheetah and humanoid atlas was discussed.







# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS & AERONAUTICAL ENGINEERING**

The Management, Director Admin, Principal, HOD  
and Staff Members cordially invite you for the

Guest Lecture on

**“Robotics and Automation”**

By

**Mr. J.Venkatesan Prabu,  
MVP,  
M/s.Kaashiv Info Tech,  
Chennai**

Date : **24<sup>h</sup> JANUARY, 2018**

Time : **01.40 P.M**

Venue : **Kalam Chamber**

**ALL ARE WELCOME**

## ACADEMIC YEAR 2017-2018

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### **ISTE STTP WORKSHOP ON “CYBER PHYSICAL SYSTEMS” WAS ORGANISED BY THE DEPARTMENT OF CSE & IT JOINTLY WITH R & D CELL**

19.06.2017 to 24-06-2017

Dr.T.Purusothaman, Professor, Government College of Technology, Coimbatore, presented ISTE STTP workshop on “Cyber Physical Systems”.



### **INFOSYS CAMPUS CONNECT FACULTY ENABLEMENT PROGRAM ON “FOUNDATION PROGRAM 4.1” WAS ORGANISED IN ASSOCIATION WITH PLACEMENT CELL**

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8th Jul, 2017

A five day Infosys Faculty Enablement Program on Foundation Program 4.1 was conducted from 03.07.2017 to 07.07.2017 by the department of Computer Science and Engineering and Information technology jointly with placement cell, Paavai Engineering College. The seminar started with an inauguration ceremony in the presence of Chairman CA.N.V.Natarajan, Director Admin Dr.K.K.Rangasamy, Principal Dr.Prem Kumar, Head of CSE department Dr. A.Suphalakshmi and the Lead Mrs.Sahana Kumarasamy. The introduction of participants was given by the Lead Mrs.Sahana Kumarasamy. The Chairman CA.N.V.Natarajan gave his speech about the Infosys Campus Connect team and its service to the student sector. He emphasized about the Infosys campus connect program and appreciated the Infosys for their service of knowledge sharing through faculties. The five days program included the hands on sessions on Python fundamentals, Object Oriented Programming, Project implementation and Database Design.



Mr.SureshMadhesan, Technical Architect, Chennai, explained about the current trends in software industry.



Dr.K.Selvakumar, Professor, School of Computer Science and Engineering, VIT presented a guest lecture titled "Modern Approach to Artificial Intelligence."



**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

Pachal, Namakkal - 637 018.



**INVITATION**

**DEPARTMENT OF CHEMICAL ENGINEERING  
&  
RESEARCH AND DEVELOPMENT CELL**

The Management, Director Administration, Principal, Dean-Academics,  
Director P&T, HoDs, Staff Members and Students cordially invite you for the

**GUEST LECTURE  
ON  
“ADVANCED TREATMENT IN EFFLUENTS”**

Guest Speaker

Mr.P.Shravan Kumar, General Manager,  
Cotton Blossom India Private Limited  
SIPCOT, Perundurai-638052

Date : **30<sup>th</sup> AUGUST 2017**

Time : **9:30 A.M**

Venue : **Kalam Chamber**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE (Autonomous)**  
**Department of Chemical Engineering**  
**& Research and Development Cell**  
**Guest Lecture**  
**On**  
**Advanced Treatment in Effluents**



Paavai Engineering College (Autonomous), Department of Chemical Engineering organized One day Guest Lecture on Advanced Treatment in Effluents in Chemical Engineering, on 30 August 2017 at Kalam Chamber.

Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, presided over the inaugural function. Mr.G.Srinivasan, HOD, Department of Chemical Engineering, welcomed the director, Mr.Nagul Dev, Assistant Professor, Department of Chemical Engineering and gathering. Mr.G.Srinivasan gave warm welcome to chief guest Mr.P.Shravan Kumar, General Manager, Cotton Blossom India Private Limited, SIPCOT, Perundurai

The chief guest Mr.P.Shravan Kumar explained in detail about concepts of Treatments in effluent treatments, their advancements and its applications in chemical engineering.



**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

Pachal, Namakkal - 637 018.



**INVITATION**

**DEPARTMENT OF CHEMICAL ENGINEERING  
&  
RESEARCH AND DEVELOPMENT CELL**

The Management, Director Administration, Principal, Dean-Academics,  
Director P&T, HoDs, Staff Members and Students cordially invite you for the

**GUEST LECTURE  
ON  
“INDUSTRIAL PROCESS CALCULATION”**

Guest Speaker

Dr. Chitra Devi, Associate Professor,  
Kongu Engineering College,  
Perundurai, Erode

Date : **25<sup>th</sup> AUGUST 2017**

Time : **9:30 A.M**

Venue : **Kalam Chamber**

**ALL ARE WELCOME**



**PAAVAI ENGINEERING COLLEGE (Autonomous)**  
**Department of Chemical Engineering**  
**& Research and Development Cell**  
**Guest Lecture**  
**On**  
**Industrial Process Calculation**



Paavai Engineering College (Autonomous), Department of Chemical Engineering organized One day Guest Lecture on **Industrial Process Calculation** in Chemical Engineering, on 25 August 2017 at Kalam Chamber.

Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, presided over the inaugural function. Mr.G.Srinivasan, HOD, Department of Chemical Engineering, welcomed the director, Mr.Nagul Dev, Assistant Professor, Department of Chemical Engineering and gathering. Mr.G.Srinivasan gave warm welcome to chief guest Dr. Chitra Devi, Associate Professor, Kongu Engineering College, Perundurai, Erode

The chief guest Dr. Chitra Devi explained in detail about concepts of Process Calculations in an Industry and its applications in chemical engineering.



**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

Pachal, Namakkal - 637 018.



**INVITATION**

**DEPARTMENT OF CHEMICAL ENGINEERING  
&  
RESEARCH AND DEVELOPMENT CELL**

The Management, Director Administration, Principal, Dean-Academics,  
Director P&T, HoDs, Staff Members and Students cordially invite you for the

**WORKSHOP  
ON  
“PROCESS SIMULATION & ANALOGY IN CHEMICAL ENGINEERING”**

Guest Speaker

Dr. N. Anantharaman  
Professor & Dean Academic Programme,  
NIT Trichy.

Dr. Udaya  
Bhaskar Reddy Ragula, Associate Professor,  
Amrita University

Date : 22<sup>nd</sup> SEPTEMBER 2017

Time : 9:15 A.M

Venue : Kalam Chamber

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE (Autonomous)**  
**Department of Chemical Engineering**  
**& Research and Development Cell**  
**Workshop**  
**on**  
**PROCESS SIMULATION AND ANALOGY IN CHEMICAL ENGINEERING**



Paavai Engineering College (Autonomous), Department of Chemical Engineering organized One day national level workshop on Process Simulation and Analogy in Chemical Engineering, on 22-September-2017 at Kalam Chamber.

Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, presided over the inaugural function. Mr.G.Srinivasan, HOD, Department of Chemical Engineering, welcomed the director, Mr.Nagul Dev, Assistant Professor, Department of Chemical Engineering and gathering.

Mr.G.Srinivasan gave warm welcome to chief guest Dr.N.Anantharaman Professor & Dean Academic Programme, NIT Trichy, and Dr. Udaya Bhaskar Reddy Ragula, Associate Professor, Amrita University.

The Dr.K.K.Ramasamy, in his presidential address, explained briefly about the concept of simulation and its importance in engineering applications.

The chief guests Dr.N.Anantharaman and Dr. Udaya Bhaskar Reddy Ragula explained in details about concepts of process simulation and its applications in chemical engineering. Some of the points are given below.

A simulation is the execution of a model and is represented by a computer program that gives information about the system being investigated. The simulation approach of analyzing a model is

opposed to the analytical approach, where the method of analyzing the system is purely theoretical. As this approach is more reliable, the simulation approach gives more flexibility and convenience. The activities of the model consist of events, which are activated at certain points in time and in this way affect the overall state of the system. The points in time that an event is activated are randomized, so no input from outside the system is required. Events exist autonomously and they are discrete so between the executions of two events nothing happens. The SIMSCRIPT provides a process-based approach of writing a simulation program. With this approach, the components of the program consist of entities, which combine several related events into one process.

Modelling and simulation of system design trade off is good preparation for design and engineering decisions in real world jobs. The scenario described above is but one situation where computer simulation can be effectively used. In addition to its use as a tool to better understand and optimize performance and/or reliability of systems, simulation is also extensively used to verify the correctness of designs. Most if not all digital integrated circuits manufactured today are first extensively simulated before they are manufactured to identify and correct design errors. Simulation early in the design cycle is important because the cost to repair mistakes increases dramatically the later in the product life cycle that the error is detected. Another important application of simulation is in developing "virtual environments" e.g., for training. Analogous to the holodeck in the popular science-fiction television program Star Trek, simulations generate dynamic environments with which users can interact "as if they were really there." Such simulations are used extensively today to train military personnel for battlefield situations, at a fraction of the cost of running exercises involving real tanks, aircraft, etc.

## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

### **A One Day Seminar on “Innovative Mobile Apps Development”**

The Department of MCA organized a one day seminar on 'Innovative Mobile Apps Development' on 13<sup>th</sup> October 2017. Mr.M.Anbu, Software Developer, Congenial Studioss, Chennai, was the chief guest for the function. The function started on a divine note with the prayer song. Ms. P.Sandhiya of II MCA welcomed the gathering. The function was presided over by Dr. M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, stressed the importance of Seminars and Workshops to enhance the knowledge of students. He insisted the students to take lessons from the experience and expertise of the engineers from the respective fields. Finally, he advised the students to do the research and create new innovations.

The Morning session “Introduction to Mobile App Development” was presented by Ms.R.M.Alagunila, Microsoft MVP & C# Corner MVP, Assistant Professor, Department of MCA, Paavai Engineering College, Namakkal. She briefed about Apps, Categories of Apps, Mobile Operating System, Needs for building Apps, Ideation, Life cycle of Mobile apps development, Apps Coding, Apps Testing and its applications. The Session 2 “Introduction to Xamarin Forms” was handled by Mr.M.Anbu, Microsoft MVP & C# Corner MVP. He gave a detailed information about Xamarin Platform, Xamarin’s unique approach, Pages, Layouts, Controls and Development environments. Then, he demonstrated with Setup and Installation of Xamarin, working with Xamarin, Creation of native android application, Running the sample applications and Creating the amazing user interfaces with example Apps.

The session 3 “Developing Game Apps Using Unity” was handled by Ms.A.Gayathri, Microsoft MVP & C# Corner MVP, Paavai Engineering College, Namakkal. She described elaborately about Unity, Versions, Game objects and scripts, Unity Basics, Unity Components like Toolbar, Scene View, Hierarchy, Project Window and Game View, 2D Game development and 3D Game development with model games Apps. The session 4 “Building UWP Apps in Visual Studio”, was expounded by Mr.Vidyadaran, Microsoft MVP & C# Corner MVP, Paavai Engineering College, Namakkal. He explained in detail about Universal Windows Platform (UWP), UWP features, Universal Controls and styles, Windows-10 devices like PC, tablet, phone, Xbox, HoloLens, Surface Hub and more. Finally, he demonstrated with practical Apps.

The sessions were highly interactive and the queries of the students were clearly clarified by the resource persons. The outcome of the one day seminar is that the students are able to understand Mobile Apps Development, Xamarin Forms, UWP concepts and can develop Mobile Apps.

Earlier, Introduction of the chief guest was given by Ms. P.Elakkiya of II MCA. The function concluded with the vote of thanks by Ms.M.Parkavi, II MCA. Heads of various Departments, Professors, and Lecturers actively participated in the programme and made it a grand success. Students from various Arts & Science colleges and our MCA department participated with full zeal and was benefitted by this programme.



**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

**A One Day Seminar on “The Internet of Things – The Next Technology”**

The Department of MCA organized a one day seminar on 'The Internet of Things – The Next Technology' on 10<sup>th</sup> October 2017. Dr.L.Arockiam, Dean & Professor, Department of Computer Science, St. Joseph's College (Autonomous), Trichy, was the chief guest for the function. The function started on a divine note with the prayer song. Ms. R.Kanimozhi of II MCA welcomed the gathering. The function was presided over by Dr. K.K.Ramasamy, Director-Admin., Paavai Educational Institutions.

Dr.K.K.Ramasamy, in his presidential address, stressed the importance of gathering the new ideas and lateral thinking to create innovations. He emphasized the students to practice and improve the communication skills in order to communicate properly to face the company interview successfully. Finally, he insisted the students to grow up with the latest technology.

The chief guest, Dr.L.Arockiam, in his keynote address, instructed the students to gain the knowledge with the Internet of Things (IoT) technology and get easy employability around the world. In the morning session, he briefed the students about Internet Revolution, Impact of Internet, IoT Introduction, Emerging Architecture of IoT and Layers of IoT. The Session 2 “IoT Technologies and Tools” handled by Mr.S.Santiago, Assistant Professor, Department of Computer Science, St. Joseph's College, Trichy. He gave a detailed information about Backbone of IoT, Sensors, Radio Frequency Identification (RFID), Near Field Communication (NFC), Ethernet, Bluetooth, WiFi and Wireless concepts with examples.

The session 3 “Big Data & IoT Data Management” was handled by Mrs.A.Jenifer Jothi Mary, Assistant Professor, Department of Computer Science, St. Joseph’s College, Trichy. She described elaborately about Big Data, Structures, Passive IoT Data, Active IoT Data, Dynamic IoT Data, Real-time decision making and Artificial Intelligence technologies with applications. The session 4 “IoT Security & App Demonstration”, was taken by Mr.A.Dalvin Vinoth Kumar, Research Scholar, Department of Computer Science, St. Joseph’s College, Trichy. He explained in detail about various Issues of IoT and overcoming methods for these issues. Finally, he demonstrated IoT principles with Apps.

The sessions were highly interactive and the queries of the students were clearly clarified by the resource persons. The outcome of the one day seminar is that the students are able to understand Internet of Things concepts and can innovating the IoT devices and applications for our environment.

Earlier, Introduction of the chief guest was given by Ms. R.Monika of II MCA. The function concluded with the vote of thanks by Ms.M.Saranya, III MCA. Heads of various Departments, Professors, and Lecturers actively participated in the programme and made it a grand success. Students from various Arts and Science colleges and MCA department participated with full zeal and was benefitted by this programme.

**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

**Guest Lecture on “Essentials of Cloud Computing”**

The Department of MCA organized a guest lecture on “Essentials of Cloud Computing” on 22<sup>nd</sup> September 2017. Dr.S.Prabakaran, Professor, Department of Computer Science, SRM University, Kattankulahtur, Chennai, was the chief guest for the function. The function started on a divine note with the prayer song. Ms.R.Kanimozhi of II MCA welcomed the gathering. The function was presided over by Dr. M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, stressed the students to improve the communication skills, self confidence and to fulfill Industry expectation with dedicated work. He emphasized the students to enrich the knowledge with the latest technology. Finally, he advised the students to do the research and create new innovations.

The chief guest, Dr.S.Prabakaran, in his keynote address, instructed the students to share their knowledge in forums like Conference, Seminar, Workshop, so that their knowledge will also get updated. He gave a detailed information about Introduction to Cloud Computing, Characteristics, Underlying components of Cloud Computing, Grid Computing, Virtual Machine (VM), Commercial Cloud offers organizations and Benefits of Cloud Computing. Then, he narrated Cloud Models like SaaS, PaaS, IaaS and their services, Issues and Challenges of Cloud Computing with example models and applications in the cloud environment.

The session was highly interactive and the queries of the students were clearly clarified by the guest. The outcome of the guest lecture is that the

students are able to understand Cloud computing concepts and can use the services provided by Cloud computing Environment.

Earlier, Introduction of the chief guest was given by Mr.S.Hari Devaraj, II MCA. The function concluded with the vote of thanks by Ms.M.Saranya, III MCA. Heads of various Departments, Professors, and Lecturers actively participated in the guest lecture programme and made it a grand success. Students from MCA Department participated with full zeal and were benefitted by this programme.

## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

### **Guest Lecture on “Best Practices in Java”**

The Department of MCA organized a guest lecture on 'Best Practices in Java' on 16<sup>th</sup> September 2017. Mr.B.Ponmanikandan, Specialist in Java with Banking Domain, Temenos, Chennai, was the chief guest for the function. The function started on a divine note with the prayer song. Ms. R.Monika of II MCA welcomed the gathering. The function was presided over by Dr. M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, insisted that the students should become the master in their specialized area. He emphasized the students to improve the communication skills and equip with the knowledge to fulfill the Industry expectation. Finally, he stressed the students to get ready for employability with the latest technology.

The chief guest, Mr.B.Ponmanikandan, in his keynote address, instructed the students to shape themselves to face the IT industry. Also, he stated that India's IT industry is growing fast currently when comparing with previous years as per report given by National Association of Software and Services Companies (NASSCOM). He gave a detailed information about Introduction to Java, Java Virtual Machine (JVM), Java Runtime Environment (JRE), Java Development Kit (JDK), Access Modifiers like Private, Public, Protected, Static and Final, Polymorphism, Abstraction, Inheritance and Encapsulation. Then, he narrated all the Object Oriented Programming concepts with example programs on Eclipse IDE (Integrated Development Environment) environment lively.

The session was highly interactive and the queries of the students were clearly clarified by the guest. The outcome of the guest lecture is that the students are able to understand object oriented concepts and can develop the Java programming in Integrated Development Environment.

Earlier, Introduction of the chief guest was given by Ms.P.Elakkiya, II MCA. The function concluded with the vote of thanks by Ms.M.Saranya, III MCA. Heads of various Departments, Professors, and Lecturers actively participated in the guest lecture programme and made it a grand success. Students from MCA Department participated with full zeal and were benefitted by this programme.



**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**DEPARTMENT OF MANAGEMENT STUDIES**

**EVENT MANAGEMENT**

Guest Lecture on 'Event Management' was organized by Department of Business Administration on 6.11.2017. The Guest Speaker B.Viswanath Prabhu, Managing Director, E3 Innovations, Salem.Gave a Detailed Explanation on Event Management.

**GUEST LECTURE ON INDUSTRIAL MOTIVATION**



One-Day Industrial Motivation Campaign a guest lecture was organized by Department of Business Administration on 25.10.2017 Shri.K. Siva Rama Prasad, Asst. Director (Met) Meme Di, Chennai and discuss about skills required for students.

**INVESTOR AWARENESS ABOUT STOCK MARKET**



A Guest lecture on 'Investor Awareness about Stock Market' on 28.10.2017 By Department of Business Administration and the chief guest was Mrs.B.Saraswathi, BM & Senior Relationship Manager,Karvy – Rasipuram in the discussion was on various techniques on branding.

**Paavai Engineering College  
(Autonomous)  
Conference, Seminars, Workshops on quality Conducted**

**Academic Year (2016-2017)**

<b>S.No</b>	<b>Name of the workshop/ seminar</b>	<b>Number of Participants</b>	<b>Date From – To</b>
1	Two day national level Technical symposium TECHFINIX 16	3802	29.09.2016 to 30.09.2016
2	Two Days International Conference ICATS 2017	425	17.03.2017 to 18.03.2017
3	Scientific Methods for Research	289	18.03.2017
4	Soil Testing & Field Exposure	245	08.08.2016
5	Essential Skills for Get Placement in IT Industry.	263	16.08.2016
6	Construction Materials & Construction Methodology of Infrastructure Projects	262	30.08.2016
7	Renewable energy	278	11.02.2017
8	Role of Software Technology in Civil Engineering	280	10.09.2016
9	Security Issues In Data Base	40	20.02.2017
10	Document DB	50	06.03.2017
11	Cloud Computing	60	29.07.2016
12	Agile Technologies	50	17.08.2016
13	Optical and Microwave	18	31.05.2017
14	Workshop on Microcontroller Based System Design	54	04.01.2017 to 07.01.2017
15	FDP on Antenna Wave Propagation	22	09.12.2016
16	Workshop on Electronic Product Design	52	06.10.2016 to 07.10.2016
17	Seminar on Industry Needs in VLSI Design	42	08.09.2016
18	Scope of Research in Power System Engineering	85	20.09.2016
19	Contemplation of Design of Electrical Machines	90	22.02.2017
20	Photovoltaic Power Generation & EnergyStorage Technologies & Development	96	18.12.2016
21	Innovation in Power System Engineering	72	25.08.2016
22	Semiconductor Nanostructured Devices	68	07.07.2016
23	Wiring Winding of Induction Motor	90	07.04.2017 to 09.04.2017
24	Testing and Working of Electronic Components	76	04.02.2017
25	Auto CADD Electrical	90	30.12.2016
26	Design & Development of Adaptive NetworkBased Fuzzy Interface Systems for Renewable Energy Systems	85	29.11.2016

27	Grid Interconnection of Renewable Energy Systems	75	03.11.2016
28	Be Daring keep going	78	22.10.2016
29	Modern Control Systems	77	01.09.2016
30	Industrial Expectations	72	22.07.2016
31	An Overview of Engineering Thermodynamics	50	28.07.2016
32	Importance of Building of Aircraft	35	30.07.2016
33	Fundamentals of Engineering Materials	50	16.08.2016
34	Seminar on Learning Attitude and Work Place Behavior	50	14.09.2016
35	Development of Novel Pedagogy Models & Faculty Development Program Part-I	35	31.10.2016 to 02.11.2016
36	Heating, Ventilation and Air Conditioning	30	03.01.2017
37	Development of Novel Pedagogy Models & Faculty Development Program Part-II	30	27.01.2017 to 28.01.2017
38	Guest lecture on Wind Power Future and Its Scenario	35	07.02.2017
39	Career Opportunities in Engineering Analysis / Engineering Service Outsourcing (ESO)	35	24.02.2017
40	Adaptive Technologies for Sustainable Growth	40	17.03.2017
41	Scientific Methods of Research	40	17.03.2017
42	Advanced Trends In Mechatronics Aspects	30	27.07.2016
43	Turbo-Machinery Blade Vibrations	25	12.08.2016
44	Circuit Drafting Using Autocad Electrical Design Software	20	01.02.2017 to 02.02.2017
45	Document DB with R&D CELL	45	06.03.2017
46	Agile Technologies & R&D CELL	50	17.08.2016
47	Cloud Computing & R&D CELL	45	29.07.2016
48	Guest lecture on Chemical Engineering Thermodynamics	50	31.03.2017
49	Guest lecture on Industrial Process Calculation	60	25.08.2016
50	Guest Lecture on Fluid Mechanics for Chemical Engineers	58	20.07.2016
51	Survey on Wireless sensor networks	50	15.09.2016
52	Smarter world –A Boon or curse	50	03.09.2016
53	Human Computer Interaction	50	12.08.2016
54	Entrepreneurship Awareness Programme	30	05.10.2016
55	Guest Lecture on 'Employability Skills'	28	15.09.2016
56	Guest Lecture on 'Employability Skills'	35	17.09.2016
57	Guest Lecture on 'Advertisements And Brand'	32	24.11.2016



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**International Conference  
on  
“ADAPTIVE TECHNOLOGIES FOR SUSTAINABLE GROWTH”**

**Guest Speaker  
Mr. Pierre-Louis Moroni  
President and CEO,  
Seat Air Systems, Inc.**

Date: 17.03.2017-18.03.2017

Time: 1.30 P.M.

Venue: Anandha Arangam

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
AND R & D CELL**

## **International Conference on “ADAPTIVE TECHNOLOGIES FOR SUSTAINABLE GROWTH”**



A two-day conference on the title “International conference on Adaptive Technologies for Sustainable Growth “(ICATS-2017) was held on 17.03.2017 & 18.03.2017. Mr.Pierre-Louis Moroni, President and CEO, Seat Air Systems, Inc., one of Southern California’s top aircraft seat frame modification and refurbishment facilities, was the chief guest of ICATS’17.

Dr. Anandhakrishnan, department of Production Engineering, NIT, Trichy, was another Chief Guest of ICATS’17. He discussed on the Scientific Methods of Research.

**PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**

**DEPARTMENT OF CIVIL ENGINEERING**

**Academic Year 2016 – 2017**

**WORKSHOP AND RESEARCH AND DEVELOPMENT REPORT**

A one day Workshop and Research and Development on the topic **Scientific Methods Of Research** was conducted by the Department of Civil Engineering, Paavai Engineering College on 18.03.2017. **Dr.V.Anandakrishnana**, Assistant Professor, Department of Production Engineering, NIT Trichy was the chief guest was there to inculcate students with more knowledge about the topic. Mr.M.Sajeeth Vaibhav Final year student welcomed the gathering followed by Mr.P.Kalimuthu Head of Civil Engineering presided over the function and introduces the chief guest. The chief guest was honored and he started delivering his speech about the topic scientific methods of research in a elaborate manner. He made very clear about the students understanding about all the information about the topic like characteristics, limitations and purpose of scientific methods of research. He started with doing a background research, constructing a hypothesis, testing the hypothesis by doing the experiment, analyzing the data and then drawing a conclusion followed by communicating the result. He explained every step clearly about the topic .It was a very interactive session with students and even the staff members. All the staff members, head of the department, students have been actively present for the session. In the end we had doubt clearing session too for the better enhancement of the students. Ms.J.Benny Third year student, Civil Department proposed the vote of thanks.



## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

### **Department of Civil Engineering**

**Alumni Activities: Academic Year 2016-2017**

#### **Guest Lecture and Research and Development Report**

A Guest Lecture and Research and Development on “**Soil Testing & Field Exposure**”, **Mr. Abishek Kumar Sinha**, Who is the passed out student of our college in the year of 2015, and he presented the topics of “Essential Skills for Construction Industry” on 08.08.2016. Now, He is running his own construction company in Delhi, and he is doing railway projects in Mizzoram at a project amount of 36 crores. In that presentation he covered the topics of Brick work and concrete quantity estimation and analysis of rates, type of soil and importance for railway and multi storey building, tunneling and methods particularly TBM method and ordinary excavation methods by explosives, in surveying temporary BM and permanent BM, pile foundation and pier cap used for bridges and in railway construction. By his presentation students gained more knowledge about practical field.



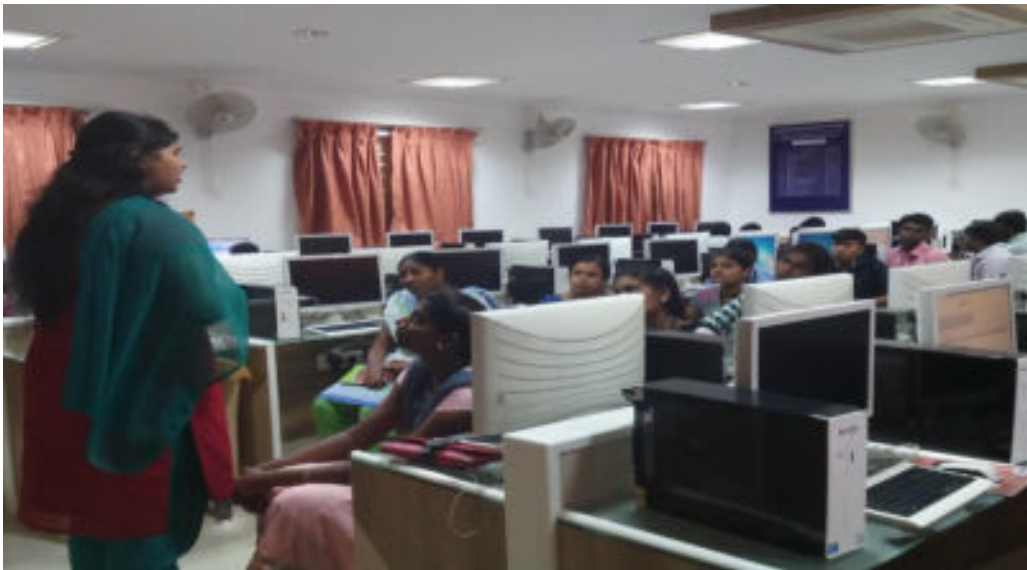
**PAAVAI ENGINEERING COLLEGE**  
Pachal, Namakkal

**Department of Civil Engineering**

**Alumni Activities: Academic Year 2016-2017**

**Guest Lecture and Research and Development Report**

A Guest Lecture and Research and Development on “**Essential Skills to Get Placement in IT Industry**” Ms. M. Venkatalakshmi, Who is the passed out student of our college in the year of 2015, and she presented the topics of “**Essential Skills to Get Job in Tech Mahindra**” on 16.08.2016. Now, she is working as software programmer in Tech Mahindra, Chennai. In that presentation, she covered the topics of preparation of aptitude for interview, confidence for facing Technical HR and Personal HR, Essential of English communication, General awareness on day to day life for example difference between browsing and surfing, and finally her job nature at Tech Mahindra. This presentation will very useful to our students to get placement in Tech Mahindra.



**PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**

**DEPARTMENT OF CIVIL ENGINEERING**

**Academic Year 2016 – 2017**

**Guest Lecture and Research and Development Report**

A One day Guest lecture and Research and Development on the title “**Construction Materials and Construction Technology of Infrastructure Projects**” was organized by Department of Civil Engineering, Paavai Engineering College on 30.08.2016.

Our Honorable Director – Administration Dr.K.K.Ramasamy gave his valuable presidential address about the field of Civil Engineering and about the session. Finally our chief guest **S.A.Manoj Kumar** starts his lecturing.

**S.A.Manoj Kumar** spoke elaborately about the construction materials and the technology of constructing bridges and tunnels. The discussion was about the various technical methods which are majorly adopting in the civil construction field and also he included about the preventive measures and rehabilitating measures to be applied on such vast areas of mass constructions.



**PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**

**DEPARTMENT OF CIVIL ENGINEERING**

**Academic Year 2016 – 2017**

**Guest Lecture and Research and Development Report**

A one day guest lecture and Research and Development on the title **Renewable Energy - Geothermal and Ocean Energy** was organized by the Department of Civil Engineering, Paavai Engineering College, on 11.02.2017. **Dr.S.Muralimohan**, Associate Professor, Department of Civil Engineering, K.S.R.College of Engineering, Erode, was the Chief Guest. Mr.E.Lokesh, Final year student, Paavai Engineering College welcomed the gathering. Dr.S.Sukumar, Dean- Civil Engineering presided over the function and introduced the chief guests. Dr.S.Muralimohan, spoke elaborately about the Renewable Energy - Geothermal and Ocean Energy. The discussion was about the scarcity of the natural resources and how to overcome those scarcities by using the renewable energy such as geothermal and ocean energy. A good number of Professors heads of the departments and students actively participated in the programme and benefited by the guest lecture. Ms.C.Indhuja, Third year civil student, Paavai Engineering College proposed vote of thanks.

## **PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**

### **DEPARTMENT OF CIVIL ENGINEERING**

**Academic Year 2016 – 2017**

#### **Workshop and Research and Development Report**

A one day workshop and Research and Development on the title “**Role of Software Technology in Civil Engineering**” was organized by Department of Civil Engineering, Paavai engineering college on 10.09.2016.

**Lion.Er.R.Sundararaj, Consulting Engineer and Structural Consultant, Ezhil Construction Proprietor, Karur** was the chief guest. Mr. Yuvaraj.M, Second year student Paavai engineering college welcomed the gathering, Mr. Santhosh.K, second year student, Paavai engineering college gave a brief introduction about the chief guest.

Our Honorable Principal, **Dr.M.Premkumar** gave his valuable presidential address about the session. Next our respected chief guest **Lion.Er.R.Sundararaj**, started his lecturing.

Lion.Er.R.Sundararaj delivered elaborately about the guidelines on the way of studying in their respective core. The discussion was about the general terms which are majorly adopting in both construction field and in the academics. Later he included some executed plans of residential buildings and their way of execution.



## ACADEMIC YEAR 2016 - 2017

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One day guest lecture was conducted on 06.03.2017 on the topic “Document DB” by the department of computer science and engineering in association with R & D cell, Paavai Engineering Cell. The chief guest of the programme was Mr.Abdul Rasheed Feroz Khan, CEO & Founder, Cloud World Technologies. In this session, he gave detailed lecture about Document DB working with Azure and NOSQL concepts in developing applications.



One day guest lecture was conducted on 17.08.2016 on the topic “Agile Technologies” by the department of computer science and engineering jointly with R & D cell, Paavai Engineering College. The chief guest of the programme was Dr.J.Selvakumar, Professor/CSE, Sri Ramakrishna Engineering College, Coimbatore.





One day guest lecture was conducted on 29.07.2016 on the topic “Cloud Computing” by the department of computer science and engineering in association with R & D cell, Paavai Engineering College. The chief guest of the programme was Mr.P.Sathishkumar, Senior Technical Head-R&D, Kalvi Higher Education and Research Institute, Chennai.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**FDP**

**on**

**“OPTICAL AND MICROWAVE”**

**Guest Speaker**

**Dr.S.Vijayaumar,**

**Associate Professor,**

**ECE,**

**PEC**

Date: 31.05.2017

Time: 1.30 P.M.

Venue: **Anandha Arangam**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**  
**(AUTONOMOUS)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**AND R & D CELL**

**Workshop on**

**“OPTICAL AND MICROWAVE”**

A one day FDP on “Optical and Microwave” was conducted for the department of Electronics and Communication Engineering of Paavai Engineering Colleges. Dr.K.Selvi, Academi, welcomed the gathering and explained the importance of FDP.

First session was handled by Dr.S.Vijayaumar, Associate Professor,ECE,PEC on the title “Introduction to Optical fibre” and the faculty members learnt the concepts well. Second session was handled by Mr.S.Kumar Ganesh, Associate Professor, ECE, PEC on “Various types of Optical fibre”. The members understood the advancements in the area of Optical fibre communication.

Third session was handled by Mr.V.Sathivel, Associate Professor, ECE, PEC on “Advancement in Microwave communication”. The members felt that the domain knowledge of the above concepts would be useful for class room presentation.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

#### **Workshop**

**on**

#### **“MICROCONTROLLER BASED SYSTEM DESIGN”**

**Guest Speaker**

**Mr.R.Dinesh**

**Project Manager**

**Prime Electronics**

Date: 28.01.2016 & 29.01.2016

Time: 1.30 P.M.

Venue: Smart Hall

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
AND R & D CELL**

**Workshop on  
“MICROCONTROLLER BASED SYSTEM DESIGN”**



A four-day workshop on Microcontroller Based Embedded System Design was held from 04.01.2017 to 07.01.2017. The workshops was arranged by the Department of EEE and ECE. The Presidential speech was given by the Dr.K.K.Ramasamy, Director – Admin, Paavai Institutions. In his Presidential Speech, he explained the importance of skills and knowledge at the industry level. The trainers Mr.R.Dinesh, Project Manager- Prime Electronics handled the sessions.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

#### **One day Faculty Development Programme on “ANTENNA AND WAVE PROPAGATION”**

**Guest Speaker**

**Dr.S.Sukumar**

**Dean Civil**

**Paavai Engineering College**

Date: 09.12.2016

Time: **1.30 P.M.**

Venue: Smart Hall

**ALL ARE WELCOME**



**PAAVAI ENGINEERING COLLEGE**  
(AUTONOMOUS)

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**AND R & D CELL**

One day One day Faculty Development Programme  
on

**“ANTENNA AND WAVE PROPAGATION”**



A one day FDP on “Antenna and wave Propagation” was conducted for the department of Electronics and Communication Engineering of Paavai Engineering Colleges. Dr.S.Sukumar, Dean Civil, welcomed the gathering and explained the importance of FDP. First session was handled by Mrs.A.Samundeeswari, Associate Professor,ECE,PEC on the title “Introduction to Antennas” and the faculty members learnt the concepts well. Second session was handled by Mrs.M.Sudha,Assistant Professor, ECE, PEC on “Various types of Antennas”. The members understood the advancements in the area of Antennas. Third session was handled by

Mrs.A.Samundeeswari, Assistant Professor, ECE, PEC on “Antenna Arrays”. Fourth session by Mrs.E.Sangeetha, Assistant Professor, ECE, PEC was on the concept of “propagation of Radio waves”. The members felt that the domain knowledge of the above concepts would be useful for class room presentation.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

#### **Workshop on “ELECTRONIC PRODUCT DESIGN”**

**Guest Speaker**  
**Mr.B.Gangadhara Rao**  
**General Manager,**  
**Electrical Division, IIGM Private Ltd. Bangalore**

Date: 06.10.2016-07.10.2016

Time: **1.30 P.M.**

Venue: Cute Hall

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**

workshop on  
**“ELECTRONIC PRODUCT DESIGN”**



A two-day workshop was conducted on 06.10.2016 and 07.10.2016 on the topic “Electronic Product Design” by ECE department. The Chief Guest of the function was Mr. Nirmal Sharavanan, Co-Founder, Breathe Electronics, Chennai. He said, Electronic product design is a mature and stable process that consists of several steps that will securely help you take a product idea into mass production.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**Seminar**

**on**

**“INDUSTRY NEEDS IN VLSI DESIGN”**

**Guest Speaker**

**Dr.V.Selvakumar**

**Corporate Application Engineer,  
Synopsys India Pvt. Ltd., Bangalore.**

Date: 08.09.2016

**Time: 1.30 P.M.**

Venue: Kalam Chamber

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**

### **Seminar on “INDUSTRY NEEDS IN VLSI DESIGN”**



A one-day seminar programme was conducted on 08.09.2016 on the topic “Industry needs in VLSI Design” by ECE Department. The Chief Guest of the programme was Dr.V.Selvakumar, M.E.,Ph.D., Corporate Application Engineer, Synopsys India Pvt. Ltd., Bangalore.

He said, there are plenty of job opportunities in the semiconductor industries. To properly align your career goals and your training, you need to have a better understanding of the job titles and job profiles that a career in VLSI has to offer. More importantly, you should know about your strengths and personal attributes and choose the right job accordingly. Let us look at the various job opportunities and designations in the VLSI industry.





# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING R&D JOINTLY ASSOCIATED WITH ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

### **GUEST LECTURE**

on

**“Scope of Research in Power System Engineering”**

### **Guest Speaker**

**Dr.A.Jeevanandham,**

Professor/EEE,

Bannari Amman Institute of Technology,

Sathyamangalam

Date : 20.09.2016

Time : 10.00 A.M

Venue : Kalams Chamber

**ALL ARE WELCOME**



## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING R&D JOINTLY ASSOCIATED WITH ORGANIZED GUEST LECTURE ON**

### **“Scope of Research in Power System Engineering”**

The Department of EEE, Paavai Engineering College has conducted a guest lecture on the title, Scope of Research in Power System Engineering on 20.09.2016. 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 Research in Power System Engineering electrical engineers.

Dr.A.Jeevanandham, Professor/EEE, Bannari Amman Institute of Technology, Sathyamangalam was the guest speaker. In his lecture, he explained Scope of Research in Power System Engineering. 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, Scope of Research in Power System Engineering Ms.K.Nisha third year EEE welcomed the gathering and Ms.M.Arunpriya of second year EEE proposed the vote of thanks.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

### **DEPARTMENT OF**

**Department Of Electrical And Electronics Engineering associated with  
EDC organized workshop on**

**The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the**

### **WORKSHOP on**

**“Contemplation of Design of Electrical Machines”**

### **Guest Speaker**

**Dr. G.Balaji, HoD-EEE  
K.K.Poongodi, ASP-EEE**

**Date : 22<sup>th</sup> FEB, 2017  
Time : 10.00 A.M  
Venue : Smart Hall**

**ALL ARE WELCOME**



## **Department Of Electrical And Electronics Engineering associated with EDC organized workshop on**

### **“Contemplation of Design of Electrical Machines”**

The Department of EEE, Paavai Institutions, conducted a guest work shop on the title “Contemplation of Design of Electrical Machines” on 22.02.2017. Dr. M. PREMKUMAR, Principal, Paavai Engineering College (Autonomous), presided over the function and insisted the students to consider this kind of work shop as an opportunity to know the advancements in the field of electrical engineering in Role Of Converters In Industrial Drives. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their career. Knowledge upgradation is quite necessary and there is always a constant opportunity for Industrial Expectations.

Dr. G. Balaji, HoD-EEE, K. K. Poongodi, ASP-EEE, National Institute of Technology Karnataka was the chief guest. In his lecture, he pointed out description of Industrial Expectations and its detailed behavior compared with Role Of Contemplation of Design of Electrical Machines”. He also explained about future scope of Role of Converters in Industrial Drives” and recent ongoing researches. He insisted the participants to shape themselves according to the needs of the society as they are in the period of innovation in Industrial Expectations.



# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**ASSOCIATED WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**GUEST LECTURE**

on

**“Photovoltaic Power Generation &EnergyStorage  
Technologies & Development”**

**Guest Speaker**

**Dr. Dr.L.AshokKumari**

Associate Professor/EEE,  
PSG College of Technology,  
Coimbatore.

Date : **18-12-2016**

Time : **10.00 A.M**

Venue : **Cute Hall**

**ALL ARE WELCOME**





**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH ENERGY CLUB ORGANIZED GUEST LECTURE ON**  
**“Photovoltaic Power Generation &EnergyStorage Technologies &**  
**Development”**

The Department of EEE, Paavai Engineering College has conducted a guest lecture on the title, Entrepreneurship Orientation Programme on 18-12-2016. 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.

Dr. Dr.L.AshokKumari.-Associate Professor/EEE,PSG College of Technology, Coimbatore 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.

Ms.K.Nisha third year EEE welcomed the gathering and Ms.M.Arunpriya of second year EEE proposed the vote of thanks.



# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE** on

#### **“Innovation in Power System Engineering”**

#### **Guest Speaker**

**Dr.N.P.Subramanian,**

Professor/EEE,

Pondicherry Engineering College,

Pondicherry.

Date : 25.08.2016

Time : 10.00 A.M

Venue : Cute Hall

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH EDC ORGANIZED GUEST LECTURE ON**  
**“Innovation in Power System Engineering”**

The Department of EEE, Paavai Engineering College has conducted a guest lecture on the title, **Innovation in Power System Engineering** on 25.08.2016. 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.

Dr.N.P.Subramanian,Professor/EEE,Pondicherry Engineering College,was the guest speaker. In his lecture, he explained about Innovation in Power System Engineering. 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 Innovation in Power System Engineering Ms.K.Nisha third year EEE welcomed the gathering and Ms.M.Arunpriya of second year EEE proposed the vote of thanks.



# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING ASSOCIATED WITH ENERGY CULB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**GUEST LECTURE**  
on

**“Semiconductor Nano structured Devices”**

**Guest Speaker**

**Dr.K.Baskar,**

Director/International Affairs,

Anna University,

Chennai.

Date : 07.07.2016

Time : 10.00 A.M

Venue : Kalams Chamber

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH ENERGY CULB ORGANIZED GUEST LECTURE ON**  
**“Semiconductor Nano structured Devices”**

The Department of EEE, Paavai Engineering College has conducted a guest lecture on the title, Semiconductor Nano structured Devices 07.07.2016 in Kalams Chamber. 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.

Dr.K.Baskar, Director/International Affairs, Anna University, Chennai. was the guest speaker. In his lecture, he explained about Semiconductor Nano structured Devices. 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, about Semiconductor Nano structured Devices.

Ms.K.Nisha third year EEE welcomed the gathering and Ms.M.Arunpriya of second year EEE proposed the vote of thanks.







# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITH EDC ORGANIZED GUEST LECTURE ON**

#### **“Wiring Winding of Induction Motor”**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **Guest Speaker**

Dr.G.Balaji, HoD-EEE  
Dr.A.Rathinam, ASP-EEE,

Date : **07<sup>th</sup> JUNE to 9<sup>th</sup> JUNE, 2017**

Time : **10.00 A.M**

Venue : **Electrical Machines Lab**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH EDC ORGANIZED GUEST LECTURE ON**  
**“Wiring Winding of Induction Motor”**

The Department of EEE, Paavai Engineering College has conducted a guest lecture on the title, Wiring Winding of Induction Motor on 07.06.2017 to 09.06.2017. 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 Converters In Industrial Drives for effective electrical engineers.

Dr. G. Balaji, HoD-EEE, Dr. A. Rathinam, ASP-EEE, as the guest speaker. In his lecture, he explained about the Role of Converters In Industrial Drives. 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 Industrial Drives used in power sectors. Ms. K. Nisha, third year EEE, welcomed the gathering and Ms. M. Arunpriya, of second year EEE, proposed the vote of thanks.



# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

**Department Of Electrical And Electronics Engineering and R& D cell  
jointly organized**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**Workshop**  
on

**“Testing and Working of Electronic Components”**

**Guest Speaker**

**Mr.Thiyagu. V**

Chief Admin,

Indian Info Tech

Date : Smart Hall  
Time : 10.00 A.M  
Venue : Smart Hall

**ALL ARE WELCOME**



**Department Of Electrical And Electronics Engineering and R& D cell  
jointly organized Workshop on  
“Testing and Working of Electronic Components”**

A workshop on “Testing and Working of Electronic Components” was held on 04.02.2017 and it was organized by the Department of Electrical and Electronics Engineering. The guest speaker Mr. V.Thiyagu , Chief Admin, Indian Info Tech, Namakkal, gave a detailed lecture on Testing and Working of Electronic Components .





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION  
WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**Workshop  
on**

**“Auto CADD Electrical”**

### **Guest Speaker**

Mr. E. Ashok Kumar ,  
Centre Engineer,  
CADD Centre,

Date : 30.12.2016  
Time : 10.00 A.M  
Venue : Kalams chamber

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC  
ORGANIZED  
One day Workshop  
ON  
“ Auto CADD Electrical”**

A workshop on Auto CADD Electrical was organized by the Department of Electrical and Electronics Engineering on 30.12.2016. The guest speaker Mr. E. Ashok kumar ,Centre Engineer, CADD Centre, Namakkal, gave a detailed lecture on Auto cadd applications in electrical automation. He highlighted the area about designing of electrical layouts with examples.







# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE** on

**“Design & Development of Adaptive Network Based Fuzzy  
Interface Systems for Renewable Energy Systems”**

#### **Guest Speaker**

**Dr.P.Geethanjali,**  
Associate Professor/EEE,  
VIT University,Vellore

Date : **29.11.2016**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH ENERGY CLUB ORGANIZED GUEST LECTURE ON**  
**“Design & Development of Adaptive NetworkBased Fuzzy Interface**  
**Systems for Renewable Energy Systems”**

The Department of EEE, Paavai Institutions has conducted a guest lecture on the title, “Design & Development of Adaptive Network Based Fuzzy Interface Systems for Renewable Energy Systems” on 29.11.2016. Dr.M.Premkumar, Principal, Paavai Engineering College presided over the function and insisted the students to consider this kind of guest lecture as a forum to discuss on the various Design & Development of Adaptive Network Based Fuzzy Interface Systems for Renewable Energy Systems electrical engineers.

Dr.P.Geethanjali, Associate Professor/EEE,VIT University,Vellore, she explained about Motivational Speeches for various innovations on Network Based Fuzzy Interface Systems for Renewable Energy Systems. she insisted the participants to shape themselves according to the needs of the outside world as they are in the period of innovation.

Mr.S.Saravanan of Third year EEE welcomed the gathering and Ms.N.Janani of third year EEE proposed the vote of thanks.



# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

### **GUEST LECTURE**

on

### **“Grid Interconnection of Renewable Energy Systems”**

#### **Guest Speaker**

**Dr.N.AmmasiGoundan,**  
Professor/EEE,  
National Institute of Technology,  
Trichy.

Date : 03.11.2016

Time : 10.00 A.M

Venue : Cute Hall

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH ENERGY CLUB ORGANIZED GUEST LECTURE ON**  
**“Grid Interconnection of Renewable Energy Systems”**

The Department of EEE, Paavai Institutions has conducted a guest lecture on the title, “Grid Interconnection of Renewable Energy Systems” on 03.11.2016. Dr.M.Premkumar, Principal, Paavai Engineering College presided over the function and insisted the students to consider this kind of guest lecture as a forum to discuss on the various Grid Interconnection of Renewable Energy Systems in electrical engineers.

Dr.N.AmmasiGoundan, Professor/EEE, National Institute of Technology, Trichy, He explained about Motivational Speeches for various innovations on Grid Interconnection of Renewable Energy Systems. He insisted the participants to shape themselves according to the needs of the outside world as they are in the period of innovation in technology Grid Interconnection of Renewable Energy Systems.

Mr.S.Saravanan of Third year EEE welcomed the gathering and Ms.N.Janani of third year EEE proposed the vote of thanks.



# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

### **DEPARTMENT OF DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

### **Seminar on**

**“Be Daring keep going”**

### **Guest Speaker**

Mr.C.Sivakumar,  
CEo,  
Prabha Engineering (P) Ltd.,  
Hosur.

Date : **22<sup>th</sup> october, 2016**  
Time : **01.00 a.m. to 04.00 p.m**  
Venue : **Kalams Chamber**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH EDC ORGANIZED GUEST LECTURE ON**  
**“Be Daring keep going”**

The Department of EEE, Paavai Institutions has conducted aalumini guest lecture on the title, “Be Daring keep going” on 22.10.2016. Dr.M.Premkumar, Principal, Paavai Engineering College presided over the function and insisted the students to consider this kind of guest lecture as a forum to discuss on the various Auto CADD Electricalfor effective electrical engineers.

Mr.C.Sivakumar,CEo,Prabha Engineering (P) LtdHosur..ECentre Manager,CADD Centre Training Service (pvt) Ltd,he explained about Auto CADD Electrical for various power systems operation. He insisted the participants to shape themselves according to the needs of the outside world as they are in the period of innovation.

Mr.S.Saravanan of Third year EEE welcomed the gathering and Ms.N.Janani of third year EEE proposed the vote of thanks.







# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

**Department Of Electrical And Electronics Engineering associated with  
EDC organized Guest lecture on**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

### **“Renewable Energy Storage Technologies”**

Guest Speaker

**Dr.S.N.Deepa,**

Director-Affiliations,

Anna University of Technology,

Coimbatore

Date : **01<sup>th</sup>septemper, 2016**

Time : **10.00 A.M**

Venue : **Smart Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH ENERGY CLUB ORGANIZED GUEST LECTURE ON**  
**“Modern Control Systems”**

The Department of EEE, Paavai Institutions, conducted a guest lecture on the title, **“Renewable Energy & Energy Conservation”** on 01.09.2016. Dr.M.PREMKUMAR, Principal, Paavai Engineering College (Autonomous), presided over the function and insisted the students to consider this kind of guest lecture as an opportunity to know the advancements in the field of electrical engineering in Renewable Energy & Energy Conservation. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their career. Knowledge up gradation is quite necessary and there is always a constant opportunity for effective electrical engineers in Renewable Energy & Energy Conservation.

Dr.S.N.Deepa, Director-Affiliations, Anna University of Technology, Coimbatore, Former. In his lecture, he pointed out description of Renewable Energy & Energy Conservation and its detailed behavior compared with conventional energy, applications of Energy Conservation. He also explained about future scope of Energy Conservation and recent ongoing researches. He insisted the participants to shape themselves according to the needs of the society as they are in the period of innovation.





# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

### **GUEST LECTURE**

on

### **“Industrial Expectations”**

### **Guest Speaker**

Mr.G.Senthil Kumar,  
Chairman,  
Helikx Institution,Salem

Date : 22<sup>ND</sup> July , 2016

Time : 09.00 a.m. to 12.00 p.m

Venue : Prestige Hall

**ALL ARE WELCOME**



## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

### **ASSOCIATED WITH ENERGY CLUB ORGANIZED**

#### **GUEST LECTURE ON**

#### **“Industrial Expectations”**

The Department of EEE, Paavai Institutions, conducted a guest lecture on the title, **“Industrial Expectations”** on 22.07.2016. Dr.M.PREMKUMAR, Principal, Paavai Engineering College (Autonomous), presided over the function and insisted the students to consider this kind of guest lecture as an opportunity to know the advancements in the field of electrical engineering in grid automation. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their career. Knowledge upgradation is quite necessary and there is always a constant opportunity for Industrial Expectations.

Mr.G.SenthilKumar, Chairman, Helix Institution, Salem was the chief guest. In his lecture, he pointed out description of Industrial Expectations and its detailed behavior compared with conventional battery, applications of Industrial Expectations. He also explained about future scope of supercapacitor and recent ongoing researches. He insisted the participants to shape themselves according to the needs of the society as they are in the period of innovation in Industrial Expectations.





**EVENTS 2016– 2017**



**PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

**INVITATION**

**DEPARTMENT OF MECHANICAL ENGINEERING**

The Management, Director Administration, Director Operations, Principal, Staff  
Members and Students cordially invite you for the

**GUEST LECTURE**

**On**

***“An Overview of Engineering Thermodynamics”***

***By***

**Dr. P.Karthikeyan**

BOYSCAST Fellow,

Associate Professor,

Department of Automobile Engineering,

PSG College of Technology,

Coimbatore - 641004

Date : 28.07.2016

Time : 2.00 P.M.

Venue : Kalam Chamber.

**ALL ARE WELCOME**

## *Department of Mechanical Engineering & Placement cell*

### *‘An Overview of Engineering Thermodynamics’*



**Guest Lecture on an “Overview of Engineering Thermodynamics” on 28.07.2016  
Dr.P.Karthikeyan, BOYSCAST Fellow, Associate Professor, Department of Automobile Engineering,  
PSG College of Technology, Coimbatore**

## *Department of Mechanical Engineering And R&D cell*

### IMPORTANCE OF BUILDING OF AIRCRAFT

The association of all departments was inaugurated by Dr. Ganapathi Manickam, Former Vice-President, Tech Mahindra, on **30.07.2016**. In his address, he explained the importance of knowledge and how it creates the revolution in a particular sector. He added that the association is also a knowledge sharing forum that motivates the students towards creativity.





# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHANICAL ENGINEERING**

The Management, Director Administration, Director Operations, Principal, Staff  
Members and Students cordially invite you for the

### **GUEST LECTURE**

On

**“FUNDAMENTALS OF ENGINEERING MATERIALS”**

**BY**

**Dr. R.Rajasekar**

Associate Professor,

Department of Mechanical Engineering

Kongu Engineering College,

Perundurai, Erode – 638052

Date : 16.08.2016

Time : 2.00 P.M.

Venue : Kalam Chamber.

**ALL ARE WELCOME**

*Department of Mechanical Engineering And R&D cell*  
**“FUNDAMENTALS OF ENGINEERING MATERIALS”**



**Guest Lecture on an “Fundamentals of Engineering Materials” on 16.08.2016 Delivered By  
Dr.R.Rajasekar, Associate Professor, Department of Mechanical Engineering, Kongu engineering  
college**





**PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHANICAL ENGINEERING**

The Management, Director Administration, Director Operations, Principal, Staff  
Members and Students cordially invite you for the

### **GUEST LECTURE**

On

**“Learning Attitude and Work Place Behavior”**

By

**Mr.R.Palanisamy,**

Deputy General Manager,

Sakthi Auto Components,

Tirupur

Date : 14.08.2016

Time : 2.00 P.M.

Venue : Kalam Chamber.



**PAAVAI ENGINEERING  
COLLEGE**



Pachal, Namakkal-637 018.

**INVITATION  
DEPARTMENT OF MECHANICAL ENGINEERING**

The Management, Director Admin, Principal and Staff Members

Cordially invite you for the

**THREE DAYS WORKSHOP**

On

***“INDO-UK Higher Education Partnership Programme  
On Development of Novel Pedagogy Models  
& Faculty Development Programme – Part 1”***

***By***

***Dr. DILIP K MAHANTY***

Professor, Mechanical Engineering,

Mukesh Patel School of Technology Management & Engineering

NMIMS University, Mumbai

Date : 31.10.2016 - 02.11.2016

Time : 09.30 a.m.

Venue : Cute Hall

**ALL ARE WELCOME**

*Department of Mechanical Engineering And Placement cell*

***“On Development of Novel Pedagogy Models  
& Faculty Development Programme – Part 1”***



**Three days Workshop on an “On Development of Novel Pedagogy Models & Faculty Development Programme – Part 1” from 31.10.2016 to 02.11.2016 Delivered By Dr. DILIP K MAHANTY, Professor, Department of Mechanical Engineering, NMIMS University, Mumbai**



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHANICAL ENGINEERING**

The Management, Director Administration, Director Operations, Principal, Staff  
Members and Students cordially invite you for the

### **SEMINAR**

On

**“Heating, Ventilation and Air Conditioning”**

By

**Dr.S.P.Vendan,**

Associate Professor,

Department of Mechanical Engineering

PSG College of Technology,

Coimbatore.

Date : 03.01.2017

Time : 10.00 P.M.

Venue : CUTE HALL.

**ALL ARE WELCOME**

## *Department of Mechanical Engineering And R&D cell*

### *Development of Novel Pedagogy Models & Faculty Development Program Part-II*

The second part of the workshop on Finite Element Analysis under the “INDO-UK Higher Education Partnership Programme on Development of Novel Pedagogy Models and Faculty Development Programme – Part-1” was organized by the Department of Mechanical Engineering at Cute Hall for two days on **27.1.17 & 28.1.17**. The programme was conducted with the partnership of NAFEMS – India and supported by Newton-Bhabha Fund. The subject of the FDP was Finite Element Analysis which is finding wide applications in all the engineering fields today. The resource person was Dr. Dilip K. Mahanty, Professor, Mechanical Engineering, Mukesh Patel School of Technology Management & Engineering, NMIMS University, Mumbai.





**PAAVAI ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHANICAL ENGINEERING**

The Management, Director Administration, Director Operations, Principal, Staff  
Members and Students cordially invite you for the

#### **Guest Lecture**

On

**“WIND POWER FUTURE AND ITS SCENARIO”**

By

**Er.R.Jayalakshmi,**

Asst. Manager,

Business Development,

Suzlon Pvt Ltd,

Coimbatore.

Date : 07.02.2017

Time : 10.00 A.M.

Venue : Kalam Chamber.

**ALL ARE WELCOME**





**PAAVAI ENGINEERING COLLEGE  
(AUTONOMOUS)**



Pachal, Namakkal - 637 018.

**INVITATION**

**DEPARTMENT OF MECHANICAL ENGINEERING**

The Management, Director Admin, Principal and Staff Members

Cordially invite you for the

**Guest Lecture**

On

**“Career Opportunities in Engineering Analysis / Engineering Service  
Outsourcing (ESO)”**

By

**Dr. KUMAR KENCHE GOWDA**

NAFEMS Council Member,

Former Engineering Manager, Infosys

Date : 24.02.2017

Time : 02.00 p.m.

Venue : Cute Hall

**ALL ARE WELCOME**

*Department of Mechanical Engineering And R&D cell*

*Adaptive Technologies for Sustainable Growth*



**Seminar on “Adaptive Technologies for Sustainable Growth” on 17.03.2017 Mr. Pierre-Louis Moroni, President and CEO, Seat Air Systems, Inc., Southern California, USA.**

*Department of Mechanical Engineering And R&D cell*

*Scientific Methods of Research*



A two-day conference on the title "International Conference on Adaptive Technologies for Sustainable Growth" (ICATS-2017) was held on **17.3.2017 & 18.3.2017**. Mr. Pierre-Louis Moroni, President and CEO, Seat Air Systems, Inc., one of Southern California's top aircraft seat frame modification and refurbishment facilities, was the chief guest of ICATS'17. Dr. Anandhakrishnan, Department of Production Engineering, NIT, Trichy, was another Chief Guest of ICATS'17. He discussed on the Scientific Methods of Research.

**PAAVAI ENGINEERING COLLEGE**  
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**Pachal, Namakkal.**  
**DEPARTMENT OF MECHATRONICS**

**"ADVANCED TRENDS IN MECHATRONICS ASPECTS"**

A Guest Lecture on **"ADVANCED TRENDS IN MECHATRONICS ASPECTS"** was organized on 27.07.2016 by the Department of Mechatronics Engineering, Paavai Engineering College, Namakkal.

The Chief Guest, Mr.G. Sathiyaraj explained that the concepts of 'Internet of Things' and its opportunities for electronic devices, home appliances, and software to share and communicate information on the internet. Further, he explained about image processing and Mat lab interface with advanced microcontrollers.





# **PAAVAI ENGINEERING COLLEGE**

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Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS ENGINEERING**

The Management, Director - Admin, Director - Academic Operations,  
Principal, HOD and Staff Members cordially invite you for the

Guest Lecture on

**“Advanced Trends in Mechatronics Aspects”**

Guest Speaker

**Mr. G. Sathiyaraj,**  
**Team leader - (R&D),**  
**Vi Microsystems Pvt.Ltd.,**  
**Chennai – 96**

Date : **27<sup>th</sup> JULY, 2016**

Time : **10.00 A.M**

Venue : **CUTE HALL**

**ALL ARE WELCOME**



**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

**DEPARTMENT OF MECHATRONICS & AERONAUTICAL ENGINEERING**

**“TURBO - MACHINERY BLADE VIBRATIONS - MEETING THE CHALLENGE”**

A Guest Lecture on **“TURBO - MACHINERY BLADE VIBRATIONS - MEETING THE CHALLENGE”** was organized on 12.08.2016 at Kalam Chamber by the Department of Mechatronics Engineering and Aeronautical Engineering, Paavai Engineering College, Pachal, Namakkal.

The Chief Guest, Dr.S.Madhavan explained about the concepts of vibration of bladed - disk structures, facing vibration problems, aerodynamic design and an overview of turbo machinery blade vibrations, analyses techniques and challenges. He discussed about the key challenges faced by the turbo machines.







# **PAAVAI ENGINEERING COLLEGE**

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Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS & AERONAUTICAL ENGINEERING**

The Management, Director - Admin, Director - Academic Operations,  
Principal, HOD and Staff Members cordially invite you for the

Guest Lecture on

**“Turbo-machinery blade vibrations - Meeting the challenge”**

Guest Speaker

**Dr. S. Madhavan**

**Senior Scientist and Group Director,**

**Vibration Engineering Group of Gas Turbine Research Establishment (GTRE),**

**Defense Research and Development Organization (DRDO),**

**Ministry of Defense,**

**Bangalore-560093**

Date : 12<sup>th</sup> AUGUST, 2016

Time : 02.00 P.M

Venue : KALAM CHAMBER

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**Pachal, Namakkal.**  
**DEPARTMENT OF MECHATRONICS**

**“CIRCUIT DRAFTING USING AUTOCAD ELECTRICAL DESIGN SOFTWARE”**

A workshop on “Circuit Drafting Using AutoCAD Electrical” was organized on 01.02.17 & 02.02.17 at the Department of Mechatronics Engineering, Paavai Engineering College, Namakkal.

The Chief Guest, Mr.R.Karuthiruman gave detailed lecture on how to create electrical control design, documentation, panel layout, schematic design and project management, and how to carryout other common design tasks effectively and Mr.E.Ashokkumar gave a detailed lecture on AutoCAD applications in electrical automation. They highlighted the area about designing of electrical layouts with examples. Further, they explained the importance of learning and how to get job by learning the above mentioned software courses.





# **PAAVAI ENGINEERING COLLEGE**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS ENGINEERING**

The Management, Director & Senior Principal, Vice-Principal, HOD  
and Staff Members cordially invite you for the

Workshop on

**“CIRCUIT DRAFTING USING AUTOCAD ELECTRICAL DESIGN  
SOFTWARE”**

Guest Speaker

**Mr.R.Karuthiruman,**

**Center Head,**

**CADD Centre Training Service (P) Ltd,**

**Namakkal**

Date : **01<sup>st</sup> FEB, 2017**

Time : **2.00 P.M**

Venue: **Kalam's Chamber**

**ALL ARE WELCOME**

## ACADEMIC YEAR 2016 - 2017

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One day guest lecture was conducted on 06.03.2017 on the topic “Document DB” by the department of computer science and engineering and Information technology in association with R & D cell, Paavai Engineering Cell. The chief guest of the programme was Mr.Abdul Rasheed Feroz Khan, CEO & Founder, Cloud World Technologies. In this session, he gave detailed lecture about Document DB working with Azure and NOSQL concepts in developing applications.



One day guest lecture was conducted on 17.08.2016 on the topic “Agile Technologies” by the department of computer science and engineering and information technology jointly with R & D cell, Paavai Engineering College. The chief guest of the programme was Dr.J.Selvakumar, Professor/CSE, Sri Ramakrishna Engineering College, Coimbatore.



One day guest lecture was conducted on 29.07.2016 on the topic “Cloud Computing” by the department of computer science and engineering and information technology in association with R & D cell, Paavai Engineering College. The chief guest of the programme was Mr.P.Sathishkumar, Senior Technical Head-R&D, Kalvi Higher Education and Research Institute, Chennai.





**PAAVAI ENGINEERING COLLEGE**

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**INVITATION**

**DEPARTMENT OF CHEMICAL ENGINEERING  
&  
RESEARCH AND DEVELOPMENT CELL**

The Management, Director Administration, Principal, Dean-Academics,  
Director P&T, HoDs, Staff Members and Students cordially invite you for the

**GUEST LECTURE  
ON  
“FLUID MECHANICS FOR CHEMICAL ENGINEERS”**

Guest Speaker

Dr.N.Stalin, Associate professor,  
Anna University – Trichy Campus

Date : 20<sup>th</sup> JULY 2016

Time : 10:00 A.M

Venue : Kalam Chamber

**ALL ARE WELCOME**



**PAAVAI ENGINEERING COLLEGE (Autonomous)**  
**Department of Chemical Engineering**  
**& Research and Development Cell**  
**Guest Lecture**  
**On**  
**Fluid Mechanics for Chemical Engineers**



Paavai Engineering College (Autonomous), Department of Chemical Engineering organized One day Guest Lecture on **Fluid Mechanics for Chemical Engineers** in Chemical Engineering, on 20 July 2016 at Kalam Chamber.

Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, presided over the inaugural function. Mr.G.Srinivasan, HOD, Department of Chemical Engineering, welcomed the director, Mr.Nagul Dev, Assistant Professor, Department of Chemical Engineering and gathering. Mr.G.Srinivasan gave warm welcome to chief guest Dr.N.Stalin, Associate professor, Anna University – Trichy Campus

The chief guest Dr.N.Stalin explained in detail about concepts of Fluid Mechanics and its applications in chemical engineering.



**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

Pachal, Namakkal - 637 018.



**INVITATION**

**DEPARTMENT OF CHEMICAL ENGINEERING  
&  
RESEARCH AND DEVELOPMENT CELL**

The Management, Director Administration, Principal, Dean-Academics,  
Director P&T, HoDs, Staff Members and Students cordially invite you for the

**GUEST LECTURE  
ON  
“INDUSTRIAL PROCESS CALCULATION”**

Guest Speaker

Dr. Chitra Devi, Associate Professor,  
Kongu Engineering College,  
Perundurai, Erode

Date : **25<sup>th</sup> AUGUST 2016**

Time : **9:45 A.M**

Venue : **Kalam Chamber**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE (Autonomous)**  
**Department of Chemical Engineering**  
**& Research and Development Cell**  
**Guest Lecture**  
**On**  
**Industrial Process Calculation**



Paavai Engineering College (Autonomous), Department of Chemical Engineering organized One day Guest Lecture on **Industrial Process Calculation** in Chemical Engineering, on 25 August 2016 at Kalam Chamber.

Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, presided over the inaugural function. Mr.G.Srinivasan, HOD, Department of Chemical Engineering, welcomed the director, Mr.Nagul Dev, Assistant Professor, Department of Chemical Engineering and gathering. Mr.G.Srinivasan gave warm welcome to chief guest Dr. Chitra Devi, Associate Professor, Kongu Engineering College, Perundurai, Erode

The chief guest Dr. Chitra Devi explained in detail about concepts of Process Calculations in an Industry level and its applications in chemical engineering.



**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

Pachal, Namakkal - 637 018.



**INVITATION**

**DEPARTMENT OF CHEMICAL ENGINEERING  
&  
RESEARCH AND DEVELOPMENT CELL**

The Management, Director Administration, Principal, Dean-Academics,  
Director P&T, HoDs, Staff Members and Students cordially invite you for the

**GUEST LECTURE  
ON  
“CHEMICAL ENGINEERING THERMODYNAMICS”**

Guest Speaker

Dr.K.P.Gopinath,  
Associate Professor  
SSN College of Engineering

Date : **31<sup>st</sup> March 2017**

Time : **9:30 A.M**

Venue : **Kalam Chamber**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE (Autonomous)**  
**Department of Chemical Engineering**  
**& Research and Development Cell**  
**Guest Lecture**  
**On**  
**Chemical Engineering Thermodynamics**



Paavai Engineering College (Autonomous), Department of Chemical Engineering organized One day Guest Lecture on **Chemical Engineering Thermodynamics** in Chemical Engineering, on 31-March-2017 at Kalam Chamber.

Dr.K.K.Ramasamy, Director-Administration, Paavai Institutions, presided over the inaugural function. Mr.G.Srinivasan, HOD, Department of Chemical Engineering, welcomed the director, Mr.Nagul Dev, Assistant Professor, Department of Chemical Engineering and gathering. Mr.G.Srinivasan gave warm welcome to chief guest Dr.K.P.Gopinath, Associate Professor, SSN College of Engineering

The chief guests Dr.K.P.Gopinath explained in details about concepts of Chemical Thermodynamics and its applications in chemical engineering.

**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

**Guest Lecture on “Survey on Wireless Sensor Network”**

The Department of MCA organized a guest lecture on 'Survey on Wireless Sensor Network' on 15<sup>th</sup> September 2016. Dr.J.Preethi M.E., Ph.D., Head, Department of Computer Science and Engineering, Anna University, Regional Campus, Coimbatore, was the chief guest for the function. The function started on a divine note with the prayer song. Ms. M.Saranya of II MCA welcomed the gathering. The function was presided over by Dr. M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, stressed the importance of Guest lectures and Workshops to enhance the knowledge of students. He encouraged the students to interact with the guest and take maximum benefit out of the function. He emphasized the students to receive full information of all forums and mould them for better achievements in their life. Finally, he stressed the students to get ready for employability with the latest technology.

The chief guest, Dr.J.Preethi, in her keynote address, instructed the students to maintain human values 85% and technical values 15% for their career. She gave detailed information about Networking fundamentals, Types of Networks, Topologies, Firewalls, Servers, Network addressing, Internet Connection and Transmission mediums with working principles. Then, she narrated the Open System Interconnection (OSI) model with its seven layers and how they interact with each other, and the functions of Physical layer, Data link layer, Network layer, Transport layer, Session layer, Presentation layer and Application layer.



She also briefed the Wireless Sensor Networks, Sensors, Sensor node and applications like Military applications, Environmental monitoring, Medical applications, Smart Home and Smart City, etc. The session was highly interactive and the queries of the students were clearly clarified by the guest. The outcome of the guest lecture is that the students are able to understand Networking Fundamentals, OSI layers, Wireless Sensor Networks and applications.

Earlier, Introduction of the chief guest was given by Ms.S.Sowmiya, III MCA. The function concluded with the vote of thanks by Mr.G.Manivel, II MCA. Heads of various Departments, Professors, and Lecturers actively participated in the guest lecture programme and made it a grand success. Students from MCA Department participated with full zeal and were benefitted by this programme.

## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

### **Guest Lecture on “Smarter World- A Boon or a Curse”**

The Department of MCA organized a guest lecture on 'Smarter World-A Boon or Curse' on 3<sup>rd</sup> September 2016. Mr.V.N.Karthikeyan, Technical Lead, Marlabs Software (Pvt.) Ltd., Bangalore, was the chief guest for the function. The function started on a divine note with the prayer song. Ms. K.Surya Grace of III MCA welcomed the gathering. The function was presided over by Dr. M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, insisted the students to select their area of specialization and should become the expert in that area. He emphasized the students to improve the communication skills, self confidence and the outcome of the study to fulfill Industry expectation. Finally, he stressed the students to avoid and handle the problems with the new technology.

The chief guest, Mr.V.N.Karthikeyan, in his keynote address, instructed the students to plan for their career and utilize the opportunities around them for getting placement. In the first session, he gave detailed information about Object Oriented Analysis and Design (OOAD) concepts, Encapsulation, Polymorphism, Inheritance, Abstraction, Design Models, Software Development Life Cycle (SDLC) and the benefits of Object Model. During the second session, he narrated the Smart World like Internet of Things (IoT), Cloud Computing, Data Analytics, Search Engine Optimization and Content Delivery Network (CAN) with example applications. The session was highly interactive and the queries of the students were clearly clarified by the guest. The outcome of the guest lecture is that the students are able to understand

and design the solution to a problem using Object-oriented programming concepts and know the Cloud computing concepts, IoTs, Data Analytics and Smarter systems to achieve economic growth, sustainable development and societal progress.

Earlier, Introduction of the chief guest was given by Ms.A.Dhivya Bharathi, II MCA. The function concluded with the vote of thanks by Ms.S.Sowmiya, III MCA. Heads of various Departments, Professors, and Lecturers actively participated in the guest lecture programme and made it a grand success. Students from MCA Department participated with full zeal and were benefitted by this programme.

## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

### **Guest Lecture on “Human Computer and Interaction”**

The Department of MCA organized a guest lecture on 'Human Computer and Interaction' on 12<sup>th</sup> August, 2016. Dr.K.R.Nandhagobal, Associate Professor, Department of Computer Science, Institute of Computer Technology, Ambo, Ethiopia, was the chief guest for the function. The function started on a divine note with the prayer song. Ms.A.Gayathri of II MCA welcomed the gathering. The function was presided over by Prof. P.Muthusamy, HOD, Department of MCA, Paavai Engineering College.

The chief guest, Dr.K.R.Nandhagobal, in his inauguration address, instructed the students to gain the knowledge with the latest computer technology. Also, he gave detailed information about Human Computer Interaction (HCI) concepts, goals, languages, tools and importance of Human Computer Interaction. Then, he narrated the design, evaluation, and implementation of interactive, HCI fields, HCI tools like sound, animation, video, devices and usability requirements, bad interfaces, usability measures, usability motivations along with case study. The session was highly interactive and the queries of the students were clearly clarified by the guest. The students were able to understand Human Computer Interaction Concepts, Techniques, Types and Applications.

Earlier, Introduction of the chief guest was given by Ms. M.Kanimozhi, III MCA. The function concluded with the vote of thanks by Mr.R.Jayaprakash, II MCA. Heads of various Departments, Professors and Students actively participated in the guest lecture programme and made it a grand success. Students from MCA Department participated with full zeal and were benefitted by this programme.

**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**DEPARTMENT OF MANAGEMENT STUDIES**

**AWARENESS PROGRAMME ON ENTREPRENEURSHIP**



One day training program on Entrepreneurship Awareness was organized by Department of Business Administration on 5.10.2016 and the guest, K.Siva Ram Prasad, Assistant Director Meme Development Institute, Chennai ignited and was a source of motivation for the MBA students.

**EMPLOYABILITY SKILLS**



Employability skills a guest lecture was organized by Department of Business Administration on 15.09.2016 R.Sivakumar Senior Specialist-Talent Acquisition Ciphersites India Pvt Ltd, Chennai and discuss about skills required for students.

## **EMPLOYABILITY SKILLS ON T& D**



Employability skills a guest lecture was organized by Department of Business Administration on 17.09.21, K.R.Amarnath NSE, Mcx Certified Professional, Salem Capital Mart Academy and discuss about skills required for students.

## **ADVERTISEMENTS AND BRAND**



A guest lecture on 'Advertisements and Brand' was organized on 24.11.2016 by Department of Business Administration and the chief guest was Mr.M.K.Chandrasekar Branding Specialist in the discussion was on various techniques on branding.



**Paavai Engineering College  
(Autonomous)  
Conference, Seminars, Workshops on quality Conducted  
Academic Year (2015-2016)**

<b>S.No</b>	<b>Name of the workshop/ seminar</b>	<b>Number of Participants</b>	<b>Date From – To</b>
1	InternationalConference on Adaptive Technologies for Sustainable Growth, ICATS-2016	215	13.05.2016 to 14.05.2016
2	Role of Civil Engineering infield practice	239	04.08.2015
3	Case studies on soil investigation & Design of foundation	240	14.08.2015
4	Highway Safety	232	27.08.2015
5	New techniques in erosion control on hill roads	231	16.12.2015
6	Environmental Impact Assessment	240	27.01.2016
7	Opportunities in Civil Engineering	235	04.03.2016
8	Two Weeks ISTE Main Workshop on "Introduction to Structural Engineering"	25	30.11.2015 to 09.01.2016
9	Two Weeks ISTE Main Workshop on "Environmental Studies"	30	02.06.2015 to 12.06.2015
10	PHP with ISTE	45	08.9.2015
11	Paavai GLUG	40	12.09.2015
12	SQL Database and Database Engines	70	14.09.2015
13	Microsoft Azure	60	08.02.2016
14	Big Data Analytics and Security	50	09.05.2016 to 14.05.2016
15	PARIKSHA-Project Model Contest	46	19.03.2016
16	Workshop on MATLAB Programming	66	28.01.2016 to 29.01.2016
17	Workshop on Challenges in Journal Publication and Thesis Writing	68	08.01.2016
18	VIBRANTZ 2K15 Symposium	76	14.09.2015 to 15.09.2015
19	Guest Lecture on Recent Trends in Fibre optic Commnication	56	01.08.2015
20	Innovationon industries using PLC	89	16.06.2015
21	Recent trend in power systems	96	28.11.2015
22	OnlineWeb Based Power System Monitoring	80	30.01.2016
23	Control Engineering In Industrial Aspects	72	15.02.2016
24	Protection Products	85	24.07.2015
25	Entrepreneurship Orientation Programme	73	13.08.2015 to 14.08.2015

26	Hands on Training for Industrial project development using Aurdino	80	10.09.2015
27	Hands on Training on Induction Motors – Design & Analysis	72	24.02.2016 to 25.02.2016
28	Reactive and non-Reactive Power	88	26.09.2015
29	Recent trend in power systems	76	28.11.2015
30	Machine to Machine M2M	83	26.12.2015
31	Renewable energy & Energy conservation	71	01.03.2016
32	Role Of Converters In Industrial Drives	85	11.04.2016
33	Open Source Geospatial Technology & Its Application In Power System	79	24.10.2015
34	EXCITRON 2K15 Symposium	185	09.09.2015
35	Recent trends in Engineering	35	17.07.2015
36	Design of Machine Elements-Applications	40	23.07.2015
37	Effect of Vibrations on Machine tools	30	12.08.2015
38	Future Challenges for Young Engineers	35	27.08.2015
39	MECHZAUST'15 Reignite	25	22.09.2015 to 23.09.2015
40	Application of Computational Fluid Dynamics	25	14.10.2015
41	Recent trends in automobile industry	25	18.02.2016
42	Manufacturing and Applications of polymer matrix composites	50	10.03.2016
43	Production Management system-Techniques and practices	35	22.03.2016
44	Embedded Systems	30	22.02.2016
45	Design Using Fracture Mechanics Concept	30	04.08.2015
46	Smart Manufacturing & Factories of The Future	25	19.08.2015
47	Introduction to Building Mobile Apps with Xamarin	50	24.03.2016
48	The Emergence of Open Source Software Networks	50	19.03.2016
49	Database Management Using ADO.NET	50	18.03.2016
50	Visual Programming	50	15.09.2015
51	Developing Mobile Applications using Advanced JavaScript	50	05.09.2015
52	Digital India Week (Digital Locker)	50	06.07.2015
53	Guest Lecture on 'Building Self-Confidence And Time management'	30	14.08.2015
54	College Bazaar For SHG Products	34	27.10.2015 to 29.10.2015

**PAAVAI ENGINEERING COLLEGE**  
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**DEPARTMENT OF CIVIL ENGINEERING**  
**GUEST LECTURE AND RESEARCH AND DEVELOPMENT REPORT**

A one day Guest Lecture and Research and Development on ‘**Role of Civil Engineering in field practice**’ was organized by Department of Civil Engineering on 04.08.2015. **Mr.N.Karthik**, Managing Director, Webe Design Lab, Chennai was the guest speaker.

Our Honorable Principal **Dr.M.Premkumar** gave his valuable presidential address about the field of civil engineering and about the session. Finally our chief guest **Mr.N.Karthik** starts his lecturing.

Firstly, **Mr.N.Karthik** was delivered his valuable speech on the importance of Role of Civil Engineering in field practice. **Civil Engineering** is one of the oldest **Engineering** disciplines because it deals with constructed environment including planning, designing, and overseeing **construction** and maintenance of building structures, and facilities, such as roads, railroads, airports, bridges, harbors, channels, dams, irrigation projects,



**PAAVAI ENGINEERING COLLEGE**  
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**DEPARTMENT OF CIVIL ENGINEERING**  
**GUEST LECTURE AND RESEARCH AND DEVELOPMENT REPORT**

A one day guest lecture and Research and Development on ‘**Case Studies on Soil Investigation & Design of Foundation**’ was organized by Department of Civil Engineering on 14.08.2015. Dr. G.Ramasamy, Professor/Civil (formerly IIT Roorkee) EBET Group of Institutions, Kangayam, was the guest speaker.

Our Honorable Principal **Dr.M.Premkumar** gave his valuable presidential address about the field of civil engineering and about the session. Finally our chief guest Dr. G.Ramasamy starts his lecturing.

Firstly, Dr.G.Ramasamy was delivered his valuable speech on the importance of soil Investigation and design of foundation for Civil Engineering. **Soil Investigation** or **geotechnical investigation** is a procedure that determines the stratigraphy (study of rocks) and relevant physical properties of the **soil** underlying the site. This is done to ensure that this substructure, which is eventually going to hold up homes, is safe and enduring.



**PAAVAI ENGINEERING COLLEGE**  
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**DEPARTMENT OF CIVIL ENGINEERING**  
**WORKSHOP AND RESEARCH AND DEVELOPMENT REPORT**

A one day Workshop and Research and Development on ‘**Highway Safety**’ was organized by Department of Civil Engineering on 28.08.2015. **Mr.M.Anand**, Director, Sri Velmurugan Sago Factory, Salem was the guest speaker.

Our Honorable Principal **Dr.M.Premkumar** gave his valuable presidential address about the field of civil engineering and about the session. Finally our chief guest Dr. **Mr.M.Anand**, starts his Speech.

Firstly, **Mr.M.Anand** was delivered his valuable speech on the importance of Highway Safety in Civil Engineering. Traffic signs generally: • Control the flow of traffic • Warns about hazards ahead • Guide to destination • Informs **roadway** services. **Construction & Maintenance Road Work Warnings**. The work areas are protected from traffic by orange (or yellow) warning signs during the **construction** or repairing works

**PAAVAI ENGINEERING COLLEGE**  
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**DEPARTMENT OF CIVIL ENGINEERING**  
**GUEST LECTURE AND RESEARCH AND DEVELOPMENT REPORT**

A one day Guest Lecture and Research and Development on ‘**New Techniques in Erosion Control on Hill Roads**’ was organized by Department of Civil Engineering on 16.12.2015. **Mr.N.Manickam**, MD, Thangam Associates, Rasipuram was the guest speaker.

Our Honorable Principal **Dr.M.Premkumar** gave his valuable presidential address about the field of civil engineering and about the session. Finally our chief guest Dr. **Mr.N.Manickam**, starts his lecturing.

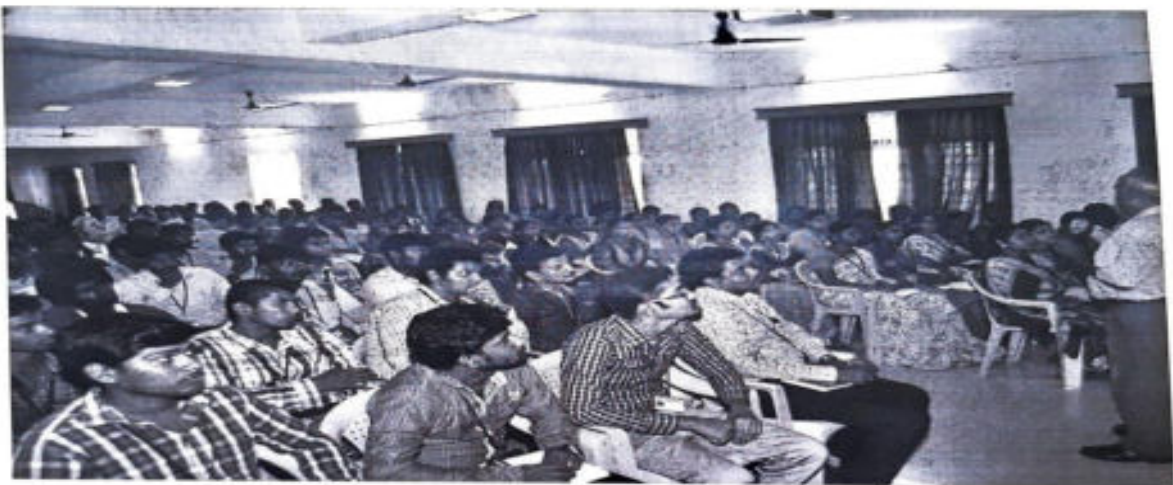
Firstly, **Mr.N.Manickam**, was delivered his valuable speech on the importance of **New Techniques in Erosion Control on Hill Roads** for Civil Engineering.

Though some standardization of **methods** for minimizing soil **erosion** is possible.

...

**Here are some more new trends:**

- Silt Fence.
- Curlex Quick Grass.
- Steel Ground Staples.
- De Witt Prospun Landscape Fabric.
- Polypropylene Sand Bags.



Guest lecture on New techniques in erosion control on hill roads on 16.12.15 by N.Manickam,  
MD, Thangam Associates, Rasipuram



**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**DEPARTMENT OF CIVIL ENGINEERING**  
**GUEST LECTURE AND RESEARCH AND DEVELOPMENT REPORT**

A one day Guest Lecture and Research and Development on ‘**Environmental Impact Assessment**’ was organized by Department of Civil Engineering on 27.01.2016. Mr.N.Karthik, Webe Design Lab, Chennai was the guest speaker.

Our Honorable Principal **Dr.M.Premkumar** gave his valuable presidential address about the field of civil engineering and about the session. Finally our chief guest Mr.N.Karthik starts his lecturing.

Firstly, Mr.N.Karthik was delivered his valuable speech on the importance of **Environmental Impact Assessment** for Civil Engineering.

Environmental assessment (EA) is the assessment of the environmental consequences of a plan, policy, program, or actual projects prior to the decision to move forward with the proposed action. In this context, the term "environmental impact assessment" (EIA) is usually used when applied to actual projects by individuals or companies and the term "strategic environmental assessment" (SEA) applies to policies, plans and programmes most often proposed by organs of state



## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

### **DEPARTMENT OF CIVIL ENGINEERING**

#### **GUEST LECTURE AND RESEARCH AND DEVELOPMENT REPORT**

A one day Guest Lecture and Placement on the title “**Opportunities in Civil Engineering**” was organized by the Department of Civil Engineering, Paavai Engineering College, on 04.03.2016.

Mr. C.Natarajan, Managing Director, Aaram shelter Pvt Ltd, Coimbatore was the Chief Guest. Ms.N.Asitha, third year student, Paavai Engineering College welcomed the gathering. Dr.M, Premkumar, Principal, Paavai Engineering College presided over the function and introduced the chief guests. C.Natarajan spoke elaborately about the Opportunities for Civil Engineers in future. The discussion was about the scarcity of the skilled human resources and how to overcome those scarcities by updating ourself and knowledge gaining. A good number of Professors heads of the departments and students actively participated in the programme and benefited by the guest lecture.



## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

### **DEPARTMENT OF CIVIL ENGINEERING**

#### **WORKSHOP AND RESEARCH AND DEVELOPMENT REPORT**

Two Weeks ISTE Main Workshop and Research and Development on ‘**Introduction to Structural Engineering**’ was organized by Department of Civil Engineering on 30.11.2015. **Prof.O.P.Sha**, Dean/Department of Civil Engineering, IIT Kharagpur was the guest speaker.

Our Honorable Principal **Dr.M.Premkumar** gave his valuable presidential address about the field of civil engineering and about the session. Finally our chief guest Dr. **Prof.O.P.Sha** starts his lecturing.

Firstly, **Prof.O.P.Sha** was delivered his valuable speech on the importance of Structural Engineering for Civil Engineering. **Structural engineering** is the science and art of designing and making, with economy and elegance, buildings, bridges, frameworks and other similar **structures** so that they can safely resist the forces to which they may be subjected.





# PAAVAI ENGINEERING COLLEGE

(Autonomous)

## DEPARTMENT OF CIVIL ENGINEERING

### WORKSHOP AND RESEARCH AND DEVELOPMENT REPORT

Two Weeks ISTE Main Workshop and Research and Development on 'Environmental Studies' was organized by Department of Civil Engineering on 02.06.2015. Prof. Deepak, B. Phatak, Department of Civil Engineering, IIT Bombay was the guest speaker.

Our Honorable Principal Dr. M. Premkumar gave his valuable presidential address about the field of civil engineering and about the session. Finally our chief guest Prof. Deepak, B. Phatak starts his lecturing.



**PAAVAI ENGINEERING COLLEGE**  
(Autonomous Institution)  
(Approved by AICTE and Affiliated to Anna University)  
(Accredited by National Board of Accreditation, New Delhi & NAAC (UGC) with 'A' Grade)  
Paavai Nagar, NH - 7, PACHAL, NAMAKKAL - 637 018, Tamil Nadu  
☎ 04286-243038, 55,55 & 56 Fax: 04286-243068 Email: paeprincipal@paavai.edu.in website: http://pec.paavai.edu.in

**GRANT UTILISATION CERTIFICATE**

This is to certify that the grant of **Rs. 1,25,000** (Rupees one lakh and Twenty-five Thousand only) from IIT Bombay, was received by our organization for conducting a Two week ISTE Main Workshop on "Environmental Studies, 02<sup>nd</sup> June, 2015 to 12<sup>th</sup> June, 2015" Under the National Mission on Education through IIT (MHRD, GOVT of India) via electronic money transfer to our Institute Bank Account (as per bank account details provided by us to IIT Bombay.)

The details of utilization are as per the Receipt and Payment statement attached with this certificate.

The total workshop expenditure is **Rs.1, 66,798**. The balance due amount from IIT Bombay is **Rs.41, 798**.

*M. Premkumar*  
**RC COORDINATOR**  
COORDINATOR  
Signature with Institute Seal  
Paavai Engineering College,  
Pachal, Namakkal-637018,  
Tamil Nadu.

*P. Phatak*  
**WORKSHOP COORDINATOR**  
Signature with Institute Seal  
Paavai Engineering College,  
Pachal, Namakkal-637018,  
Tamil Nadu.

*CA. D. Anandhan*  
**CHARTERED ACCOUNT**  
Signature with Seal and Date  
**CA. D. ANANDHAN,**  
M.Com., F.C.A., DISA (ICAI)  
Chartered Accountant,  
2-A, Ramasamy Street No.4,  
Rasipuram - 637409, M. No: 029063  
Cell : 9443392900



## Events 2015-2016

### PHP



08.09.2015

The Department of IT in association with ISTE organized a one day workshop on “PHP” on 08.09.2015. The technical trainer Mr.S.Tamil Mani was the chief guest of the program. He taught about the various skill of PHP.

## Paavai GLUG



12.09.2015

The Department of and Information technology and Computer Science and Engineering inaugurated "Paavai GLUG" (GNU/Linux User Group) on 12.09.2015. Ms.C.Srravyapaypalennai (Free Software Enthusiast) and Mr.M.J.Deva Kumar, Spritle Software, Chennai (Free Software Activist) were the chief guests. They discussed about Hacker with US.



## SQL Database and Database Engines



14.09.2015

The Department of Information Technology and Computer Science and Engineering and organized a guest lecture titled "SQL Database and Database Engines" on 14.09.2015. Mr.V.SrinivasaGopalan, Offshore lead and Head, Customer Analytics Private Limited, Chennai was the chief guest.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**Project Model Contest**

**on**

**“PARIKSHA”**

**Guest Speaker**

**Dr.A.IMMANUAL**

**Professor & Head Department of Electronics and Communication  
Engineering,**

**Paavai College of Engineering, Pachal, Namakkal**

Date: 19.03.2016

**Time: 1.30 P.M-3.00PM.**

Venue: Viswesvaraiya Hall

**ALL ARE WELCOME**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
AND R & D CELL  
Project Model Contest on  
“PARIKSHA”**



The Department of ECE conducted a working Model contest “PARIKSHA” at Viswesvaraiya Hall on 19.03.2016 in order to bring out the latent skills and innovation ideas of students in their respective domain



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

#### **Workshop on “MATLAB PROGRAMMING”**

**Guest Speaker**  
**V.Sakthivel**  
**Associate Professor**  
**Department of Electronics and Communication**  
**Engineering**  
**Paavai Engineering College**  
**Pachal**

Date: 28.01.2016 & 29.01.2016

**Time: 2.00PM-4.00 P.M.**

Venue: Research and Development Laboratory

**ALL ARE WELCOME**

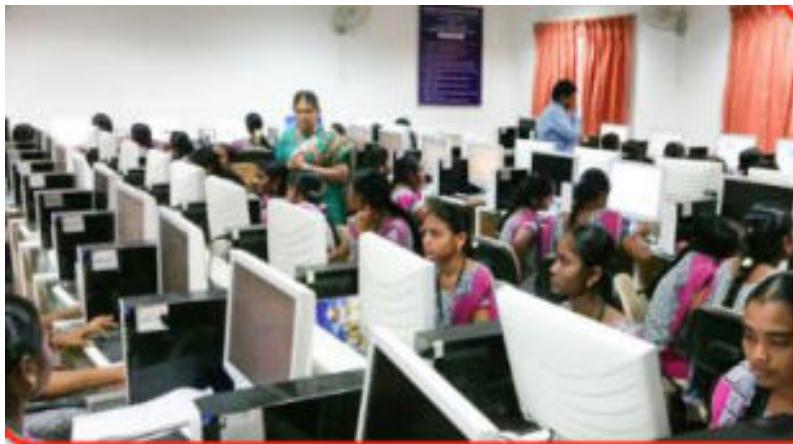
# **PAAVAI ENGINEERING COLLEGE**

## **(AUTONOMOUS)**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

#### **AND R & D CELL**

#### Workshop on **“MATLAB PROGRAMMING”**



A two-day workshop for PASCW students on “MAT LAB programming” was organized by the Department of ECE at R & D Lab on 28.01.2016 & 29.01.2016.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**Workshop on  
“CHALLENGES IN JOURNAL PUBLICATION AND THESIS WRITING”**

**Guest Speaker**

**Dr.K.Sridhar**

**Professor,**

**Thiyagarajar Engineering College, Madurai**

Date: 08.01.2016

**Time: 1.30 P.M.**

Venue: Cute Hall

**ALL ARE WELCOME**



# **PAAVAI ENGINEERING COLLEGE**

## **(AUTONOMOUS)**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

#### **AND R & D CELL**

#### Workshop on **“CHALLENGES IN JOURNAL PUBLICATION AND THESIS WRITING”**



The Department of ECE conducted a workshop on “Challenges in Journals Publication and Thesis Writing” at Smart Hall on 08.01.2016. Dr.K.Sridhar, Professor, Thiyagarajar Engineering College, Madurai was the resource person. This workshop focuses on understanding the characteristics of a strong thesis and how to write one, as well as the conventions of academic argument more broadly. Using a sample prompt, participants will begin drafting their own thesis statements. This thesis writing workshops provides practical and conceptual information on how academic writing works, and encourages you to put the techniques to use in your thesis, proposals and journal articles. Whatever your current stage of writing, there are benefits for anyone who wishes to attend.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

**Pachal, Namakkal-637 018.**

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the**

**Symposium on  
“VIBRANTZ 2K15”**

**Guest Speaker  
Mr.B.Gangadhara Rao  
General Manager,  
Electrical Division, IIGM Private Ltd. Bangalore**

**Date: 14.09.2015 & 15.09.2015**

**Time: 1.30 P.M.**

**Venue: Kalam Chamber**

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)**

## **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING AND R & D CELL**

Symposium on  
**“VIBRANTZ 2K15”**



A two-day National Level Technical Symposium, “VIBRANTZ 2K15” was conducted on 14.09.2015 & 15.09.2015 by the Department of Electronics and Communication Engineering in the name of PACE, Paavai Association of Communication Engineers. The chief guest, Mr.B.Gangadhara Rao, General Manager, Electrical Division, IIGM Private Ltd. Bangalore, in his keynote address, highlighted that technology-driven information is the need of the hour and students get trained in the field so that they can get easily placed in companies.

The chief guest delivered endowment lecture emphasizing short and long-term problems in electronics engineering field. The theme of the symposium was the role of electronics engineers in the development of human society. The event also provided a platform for budding electronics engineers to showcase their talents.



# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

The Management, Director - Admin, Principal, Dean Academics,  
HOD, Staff Members and Students cordially invite you for the

**Guest Lecture on**

**“Recent Trends in Fibre optic Commnication”**

**Guest Speaker**

**Dr.D.Sriram Kumar**

**Professor and HoD / ECE,**

**NIT, Trichy**

Date: 01.08.2015

Time: 1.30 P.M.

Venue: Kalam Hall Chamber

**ALL ARE WELCOME**

# **PAAVAI ENGINEERING COLLEGE**

## **(AUTONOMOUS)**

### **DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

#### **AND R & D CELL**

Guest lecture on

#### **“RECENT TRENDS IN FIBER OPTIC COMMUNICATION”**



A guest lecture on the title “Recent Trends in Fiber Optic Communication” was conducted by the Department of ECE on 01.08.2015. The chief guest Dr.D.Sriram Kumar, Professor and HoD / ECE, NIT, Trichy, briefed about the evolution of fiber optic communication and the advancement of its future technologies.

**Department of ECE in association with R & D Cell**  
**International Conference on Adaptive Technologies for Sustainable Growth**



A two-day conference on “International Conference on Adaptive Technologies for Sustainable Growth” was inaugurated on 13.05.2016. Shri.CA.N.V.Natarajan, Chairman, Paavai Institutions presided over the function. Mr.Hermanus Adriaan Bernard, Chief Executive Officer, INTELE Track, Pretoria, South Africa, inaugurated the conference and gave his inaugural speech. Dr. Nursyarizal Mohd Nor, Universiti Teknologi Petrona, Malaysia and Dr. Amimul Ahsan, Universiti Putra Malaysia, Malaysia, were the special guests for the function. They gave their key note addresses and observed technical presentations on 13th and 14th May 2016.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

### **DEPARTMENT OF**

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

### **Seminar on**

### **“INNOVATION ON INDUSTRIES USING PLC”**

### **Guest Speaker**

Dr.N.P.Subramanian,  
,Professor/EEE,  
Pondicherry Engineering College,  
Pondicherry.

Date : **16.06.2015**  
Time : 02.00 a.m. to 04.30 p.m.  
Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH EDC ORGANIZED GUEST LECTURE ON**  
**“INNOVATION ON INDUSTRIES USING PLC”**

The Department of EEE, Paavai Institutions has conducted a guest lecture on the title, “INNOVATION ON INDUSTRIES USING PLC” on 16.06.2015. Dr.M.Premkumar, Principal, Paavai Engineering College presided over the function and insisted the students to consider this kind of guest lecture as a forum to discuss on the various students activity for effective electrical engineers.

Dr.N.P.Subramanian, Professor/EEE, Pondicherry Engineering College, Pondicherry..In his lecture, he explained about Motivational Speeches for various innovations on industries using Plc.

He insisted the participants to shape themselves according to the needs of the outside world as they are in the period of innovation.

Mr.S.Saravanan of Third year EEE welcomed the gathering and Ms.N.Janani of third year EEE proposed the vote of thanks.



# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

### **DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING ASSOCIATED WITH EDC ORGANISED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE**

on

**“Recent trend in power systems”**

#### **Guest Speaker**

Dr.V.Ajai-D-Vimalraj,M.E.,Ph.D.,  
Professor,  
Pondicherry Engineering College.

Date : **28<sup>th</sup> November , 2015**  
Time : **10.00 A.M**  
Venue : **Smart Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH ENERGY CLUB ORGANIZED GUEST LECTURE ON**  
**“RECENT TREND IN POWER SYSTEMS”**

The Department of EEE, Paavai Institutions has conducted a guest lecture on the title, “RECENT TREND IN POWER SYSTEMS” on 28.11.2015. Dr.M.Premkumar, Principal, Paavai Engineering College presided over the function and insisted the students to consider this kind of guest lecture as a forum to discuss on the various students activity for effective electrical engineers.

Dr.V.Ajai-D-Vimalraj,M.E.,Ph.D., Professor, Pondicherry Engineering College, he explained about Motivational Speeches for various innovations on industries using Plc.

He insisted the participants to shape themselves according to the needs of the outside world as they are in the period of innovation.

Mr.S.Saravanan of Third year EEE welcomed the gathering and Ms.N.Janani of third year EEE proposed the vote of thanks.



# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

### **DEPARTMENT**

### **OF**

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

### **Guest lecture**

on

### **“ONLINEWEB BASED POWER SYSTEM MONITORING”**

### **Guest Speaker**

Dr.R.Ramesh,  
Associate Professor / EEE,  
Anna University Chennai

Date : **30<sup>th</sup> JAN, 2016**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH ENERGY CLUB ORGANIZED GUEST LECTURE ON**  
**“ONLINEWEB BASED POWER SYSTEM MONITORING”**

The Department of EEE, Paavai Engineering College has conducted a guest lecture on ONLINEWEB BASED POWER SYSTEM MONITORING on 30.01.2016 at cute hall. 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.

Dr.R.Ramesh Associate Professor / EEE, Anna University Chennai 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 up gradation 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.

Ms.M.Hemamalini Final year EEE welcomed the gathering and Ms.V Anushree Third Year EEE proposed the vote of thanks.







# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

### **DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING ASSOCIATED WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**Guest Lecture**  
on

**“Role Of Converters In Industrial Drives”**

**Guest Speaker**  
**Dr.P.Parthiban,**  
**Associate Professor / EEE,**  
**National Institute of Technology Karnataka.**

Date : **11<sup>th</sup> APRIL , 2016**  
Time : **10.00 A.M**  
Venue : **Kalams Chamber**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH EDC ORGANIZED GUEST LECTURE ON**  
**“Role Of Converters In Industrial Drives”**

The Department of EEE, Paavai Institutions, conducted a guest lecture on the title, **“Role Of Converters In Industrial Drives”** on 11.04.2016. Dr.M.PREMKUMAR, Principal, Paavai Engineering College (Autonomous), presided over the function and insisted the students to consider this kind of guest lecture as an opportunity to know the advancements in the field of electrical engineering in Role Of Converters In Industrial Drives. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their career. Knowledge upgradation is quite necessary and there is always a constant opportunity for Industrial Expectations.

Dr.P.Parthiban, Associate Professor / EEE, National Institute of Technology Karnataka was the chief guest. In his lecture, he pointed out description of Industrial Expectations and its detailed behavior compared with Role Of Converters In Industrial Drives”. He also explained about future scope of Role Of Converters In Industrial Drives” and recent ongoing researches. He insisted the participants to shape themselves according to the needs of the society as they are in the period of innovation in Industrial Expectations



# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

### **DEPARTMENT**

### **OF**

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

### **Guest lecture**

on

**“Control Engineering In Industrial Aspects”**

### **Guest Speaker**

Dr.V.Sankarannarayanan,  
Associate Professor / EEE

National Institute of Technology.,  
Trichy.

Date : **15<sup>th</sup>feb, 2016**

Time : **10.00 A.M**

Venue : **SMART HALL**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITH ORGANIZED GUEST LECTURE ON**  
**“Control Engineering In Industrial Aspects”**

The Department of EEE, Paavai Engineering College has conducted a guest lecture on the title, **Commercial metering arrangements and enforcement practices in power distribution** on 15.02.2016. 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.

Dr.V.Sankarannarayanan, Associate Professor / EEE , National Institute of Technology Operation and Maintenance, TNEB -Salem 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.

Ms.K.Nisha third year EEE welcomed the gathering and Ms.M.Arunpriya of second year EEE proposed the vote of thanks.



# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING ASSOCIATED WITH ENERGY CLUB  
ORGANIZED  
GUEST LECTURE ON**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

**Seminar**

on

**“Protection Products”**

**Guest Speaker**

**Mr.R.Jayaraman**

**Sr.Engineer (Protection products)**

**EasunReytolle Ltd.,**

**Hosur**

Date : **24<sup>th</sup> July , 2015**

Time : **10.00 A.M**

Venue : **Kalams Chamber**

**ALL ARE WELCOME**





## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITH ENERGY CLUB ORGANIZED GUEST LECTURE ON “ Protection Products ”**

The Department of EEE, Paavai Institutions, conducted a guest lecture on the title, **“Protection Products”** on 24.07.2015. Dr.M.PREMKUMAR, Principal, Paavai Engineering College (Autonomous), presided over the function and insisted the students to consider this kind of guest lecture as an opportunity to know the advancements in the field of electrical engineering in grid automation. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their Protection Products quite necessary and there is always a constant opportunity for Industrial Expectations.

Mr.R.Jayaraman ,Sr.Engineer (Protection products),EasunReytolle Ltd.,Hosur was the chief guest. In his lecture, he pointed out description of Industrial Expectations and its detailed behavior compared with Protection Products of Industrial Expectations. He also explained about future scope of Protection Products recent ongoing research. He insisted the participants to shape themselves according to the needs of the societies they are in the period of innovation in Industrial Expectations



# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

### **DEPARTMENT**

### **OF**

### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

### **Guest lecture**

on

**“Entrepreneurship Orientation Programme”**

### **Guest Speaker**

Mr.R.Balasubramanian,  
Deputy General Manager – Technical  
NSIC Technical Service Center Government of India,  
Chennai..

Date : **13<sup>th</sup> to 14<sup>th</sup> August, 2015**

Time : **10.00 A.M**

Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**

**ENGINEERING ASSOCIATED WITHEDC ORGANIZED GUEST LECTURE ON**

**“Entrepreneurship Orientation Programme”**

The Department of EEE, Paavai Engineering College has conducted a guest lecture on the title, Entrepreneurship Orientation Programme on 13.08.2015 to 14.08.2015. 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.

Dr. Mr.R.Balasubramanian, Deputy General Manager – Technical, NSIC Technical Service Center Government of India, and Chennai.-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.

Ms.K.Nisha third year EEE welcomed the gathering and Ms.M.Arunpriya of second year EEE proposed the vote of thanks.



## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITH EDC ORGANIZED GUEST LECTURE ON**

### **“Hands on Training for Industrial project development using Aurdino”**

The Department of EEE, Paavai Institutions, conducted a guest lecture on the title, **“Hands on Training for Industrial project development using Aurdino”** on 10.09.2015. Dr.M.PREMKUMAR, Principal, Paavai Engineering College (Autonomous), presided over the function and insisted the students to consider this kind of guest lecture as an opportunity to know the advancements in the field of electrical engineering in Hands on Training for Industrial project development using Aurdino. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their career. Knowledge upgradation is quite necessary and there is always a constant opportunity for Industrial Expectations.

Mr.S.Karthik, Rise Engineering Team, Chennai was the chief guest. In his lecture, he pointed out description of Industrial Expectations and its detailed behavior compared with conventional Hands on Training for Industrial project development using Aurdino of Industrial Expectations. He also explained about future scope of Industrial project development using Aurdino and recent ongoing research. He insisted the participants to shape themselves according to the needs of the society as they are in the period of innovation in Industrial Expectations.



# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

## **INVITATION**

### **DEPARTMENT OF DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATION WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

### **Seminar on**

**“Hands on Training on Induction Motors – Design & Analysis”**

### **Guest Speaker**

Mr.U.Sarathi ME,  
Design Engineer.  
E- Trainers Coimbatore

Date : **24<sup>th</sup> to 25<sup>th</sup> FEB, 2016**  
Time : **10.00 A.M**  
Venue : Kalams Chamber

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ASSOCIATED WITHEDC ORGANIZED GUEST LECTURE ON**  
**“Hands on Training on Induction Motors – Design & Analysis”**

The Department of EEE, Paavai Institutions has conducted a Hands On Training on the title, “Induction Motors – Design & Analysis” on 24.02.2016 TO 25-02-2016. Dr.M.Premkumar, Principal, Paavai Engineering College presided over the function and insisted the students to consider this kind of HAND ON TRAINING as a forum to discuss on the various students activity for effective electrical engineers.

Mr.U.Sarathi ME., Design Engineer. E- Trainers Coimbatore he explained about Motivational Speeches for various innovations on industries using Plc.

He insisted the participants to shape themselves according to the needs of the outside world as they are in the period of innovation.

Mr.S.Saravanan of Third year EEE welcomed the gathering and Ms.N.Janani of third year EEE proposed the vote of thanks.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE** on

#### **“Reactive and non-Reactive Power”**

#### **Guest Speaker**

Dr.B.Jeyaraman,  
Ex.Member,  
Tamilnadu Electricity Regulatory Commission.

Date : **26.09.2015**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ENERGY CLUB ORGANIZED GUEST LECTURE ON**  
**“Reactive and non-Reactive Power”**

The Department of EEE, Paavai Institutions, conducted a guest lecture on the title, **“Reactive and non-Reactive Power”** on 26.09.2015. Dr.M.PREMKUMAR, Principal, Paavai Engineering College (Autonomous), presided over the function and insisted the students to consider this kind of guest lecture as an opportunity to know the advancements in the field of electrical engineering in Reactive and non-Reactive Power. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their Reactive and non-Reactive Power necessary and there is always a constant opportunity for Industrial Expectations.

Mr.R.Jayaraman ,Sr.Engineer (Protection products),EasunReytolle Ltd.,Hosur was the chief guest. In his lecture, he pointed out description of Industrial Expectations and its detailed behavior compared with Reactive and non-Reactive Power of Industrial Expectations. He also explained about future scope of Reactive and non-Reactive Power recent ongoing research. He insisted the participants to shape themselves according to the needs of the societies they are in the period of innovation in Industrial Expectations



# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE on “Recent trend in power systems”**

#### **Guest Speaker**

**Dr.V.Ajai-D-Vimalraj,M.E.,Ph.D.,**

**Professor,**

**Pondicherry Engineering College.**

**Date : 28<sup>th</sup> November , 2015**

**Time : 10.00 A.M**

**Venue : Smart Hall**

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
ASSOCIATED WITH ENERGY CLUB ORGANIZED GUEST LECTURE ON  
“Recent trend in power systems”**

The Department of EEE, Paavai Institutions, conducted a guest lecture on the title, **“Recent trend in power systems”** on 28.11.2015. Dr.M.PREMKUMAR, Principal, Paavai Engineering College (Autonomous), presided over the function and insisted the students to consider this kind of guest lecture as an opportunity to know the advancements in the field of electrical engineering in Recent trend in power systems. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their career. Knowledge up gradation is quite necessary and there is always a constant opportunity for effective electrical engineers in Recent trend in power systems.

Dr.V.Ajai-D- Vimalraj, M.E., Ph.D., Professor, Pondicherry Engineering College was the chief guest. In his lecture, he pointed out description of Recent trend in power systems and its detailed behavior compared with in power systems. He also explained about future scope of Recent trend in power systems. and recent ongoing researches. He insisted the participants to shape themselves according to the needs of the society as they are in the period of innovation.



# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITH EDC ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE ON**

#### **“Machineto Machine M2M”**

#### **Guest Speaker**

**Mr. Sri Guha,**  
Senior General Manager,  
Robert Bosch Engineering,  
Business Solution.

Date : **26<sup>th</sup> December , 2015**  
Time : **10.00 A.M**  
Venue : **Cute Hall**

**ALL ARE WELCOME**



## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITHEDC ORGANIZED GUEST LECTURE ON**

### **“Machineto Machine M2M”**

The Department of EEE, Paavai Institutions, conducted a guest lecture on the title, **“Machineto Machine M2M”** on 26.12.2015. Dr.M.PREMKUMAR, Principal, Paavai Engineering College (Autonomous), presided over the function and insisted the students to consider this kind of guest lecture as an opportunity to know the advancements in the field of electrical engineering in Machineto Machine M2M. He also insisted the need of developing the skills in their respective domains and learning other languages which would help them during their career. Knowledge upgradation is quite necessary and there is always a constant opportunity for effective electrical engineers in Machineto Machine M2M.

Mr. Sri Guha, Senior General Manager, Robert Bosch Engineering, Business Solution, was the chief guest. In his lecture, he pointed out description of Machineto Machine M2M and its detailed behavior compared with conventional Machineto Machine. He also explained about future scope of Machine to Machine M2M and recent ongoing research. He insisted the participants to shape themselves according to the needs of the society as they are in the period of innovation.





# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITHEDCORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE on**

#### **“Role of Converters In Industrial Drives”**

#### **Guest Speaker**

**Dr.P.Parthiban,**

Associate Professor / EEE,

National Institute of Technology Karnataka

**Date : 11.04.2016**

**Time : 10.00 A.M**

**Venue : Kalams Chamber**

**ALL ARE WELCOME**



## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITHEDCORGANIZED GUEST LECTURE ON**

### **“Role of Converters In Industrial Drives”**

The Department of EEE, Paavai Engineering College has conducted a guest lecture on the title, **Role of Converters In Industrial Drives** on 11.04.2016. 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 Converters In Industrial Drives for effective electrical engineers.

Dr.P.Parthiban, Associate Professor / EEE, National Institute of Technology Karnataka was the guest speaker. In his lecture, he explained about Role of Converters In Industrial Drives. 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 Industrial Drives used in power sectors Ms.K.Nisha third year EEE welcomed the gathering and Ms. M. Arunpriya of second year EEE proposed the vote of thanks



# **PAAVAI ENGINEERING COLLEGE**

## **(Autonomous)**

**PACHAL, NAMAKKAL - 637 018.**

### **INVITATION**

#### **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ASSOCIATED WITH ENERGY CLUB ORGANIZED**

The Management, Director Admin, Director Operation, Principal, Deans,  
HOD and Staff Members cordially invite you for the

#### **GUEST LECTURE** on

**“Open source Geospatial Technology & Its Application In Power System”**

#### **Guest Speaker**

**Mr.C.V.Nishikanth,**

Regional Manager,

Mapspace Consulting, Chennai

Date : 24.10.2015

Time : 10.00 A.M

Venue : Kalams Chamber

**ALL ARE WELCOME**



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
ASSOCIATED WITH ENERGY CLUB ORGANIZED GUEST LECTURE ON  
“Open source Geospatial Technology & Its Application In Power  
System”**

The Department of EEE, Paavai Engineering College has conducted a guest lecture on Open source Geospatial Technology & Its Application In Power System on 24.10.2015 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.C.V.Nishikanth, Regional Manager, Mapspace Consulting, Chennai was the guest speaker. In his lecture, he explained about the role, needs and importance of Open source Geospatial Technology & Its Application In Power System. In his presentation, he elaborated the concept of Geospatial Technology & Its Application In Power System especially the Power System. He insisted the way of saving electricity for next generation and also pointed out that the technical up gradation plays an important role in energy conservation. He inspired the young electrical engineers with his knowledge on Open source Geospatial Technology & Its Application In Power System carried out as an electrical engineer.

Ms.M.Hemamalini Final year EEE welcomed the gathering and Ms.V Anushree Third Year EEE proposed the vote of thanks.



**EVENTS 2015-2016**  
**Department of Mechanical Engineering & EDC**  
**Recent Trends in Engineering**

The Associations of Civil, CSE, ECE, EEE, IT, Mechanical and Mechatronics departments were inaugurated by the Chief Guest Mr.M.Krishnakumar, Asst.General Manager P&A Ashok Leyland Limited - Hosur, at Anandha Arangam on 17.07.2015 for the academic year 2015-16.





## **Department of Mechanical Engineering &EDC**

### **Design of Machine Elements- Applications**

A guest lecture titled “Design of Machine Elements- Applications” was organized on behalf of the Department of Mechanical Engineering, on 23.07.2015. Dr.S.Shankar, Professor, Department of Mechatronics Engineering, Kongu Engineering College, was the chief guest. He explained the basics of material selection, design process, evolution and advancement in designing methods.





# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHANICAL ENGINEERING**

The Management, Director Administration, Director Operations, Principal, Staff  
Members and Students cordially invite you for the

### **GUEST LECTURE**

On

**EFFECT OF VIBRATIONS ON MACHINE TOOLS**

By

**Dr.V.Hariharan,**

Professor,

Department of Mechanical Engineering,

Kongu Engineering College,

Erode

Date : 12.08.2015

Time : 2.00 P.M.

Venue : Kalam Chamber.

**ALL ARE WELCOME**

## **Department of Mechanical Engineering & EDC**

### **Future Challenges for young Engineers**

A guest lecture programme was held on 27.08.2015 on the topic “ Future Challenges for Young Engineers” by the Department of Mechanical Engineering. The chief guest Mr.K.Muruga Boopathy, Senior Manager, Hot Rolling Mill, Salem Steel Plant told that the contribution of Mechanical Engineers in any organization is more significant than the other as they possess qualities like problem-solving, analytical ability, managerial capability, team spirit, etc.,



## Department of Mechanical Engineering & EDC

### “Mechzaust-Reignite‘15”

The Mechanical Engineering Department organized a two-day National Level Technical symposium called “Mechzaust-Reignite‘15” on 22.09.2015 & 23.09.2015 on Paavai Campus. Shri.CA.N.V.Natarajan, Chairman, Paavai Institutions, presided over the function. Shri.N.Rajasekaran, Senior Manager - Operations, BHEL Trichy was the chief guest. He in his key-note address said that the present generation students are smarter than the old generation.



## Department of Mechanical Engineering & EDC

### “Application'Computational Fluid Dynamics'”

A seminar on Application'Computational Fluid Dynamics' was organized by the Mechanical Engineering department on 14.10.2015. Prof. Sekahar Majumdar, department of Mechanical Engineering NMIT, Bangalore elaborated on computaonal fluid dynamics. The parcipants asked quesons and got their doubts cleared.





## **Department of Mechanical Engineering & EDC**

### **“Recent Trends in Automobile Industry”**

A guest lecture on “Recent Trends in Automobile Industry” was organized by the Department of Mechanical Engineering at Kalama’s Chamber on 18.02.2016. Dr.Arun Tom Mathew, Head of Design and Automation Department, VIT, Vellore was the chief guest.







# **PAAVAI ENGINEERING COLLEGE**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHANICAL ENGINEERING**

The Management, Director Administration, Director Operations, Principal,  
StaffMembers and Students cordially invite you for the

### **WORKSHOP**

On

**“MANUFACTURING AND APPLICATIONS OF POLYMER  
MATRIX COMPOSITES ”**

***By***

**Mr.C.Balaji Ayyanar,**  
Assistant Professor,  
Coimbatore Institute of Technology,  
Coimbatore.

Date : 10.03.2016

Time :11.00 A.M.

Venue : Smart Hall.

**ALL ARE WELCOME**



**PAAVAI ENGINEERING COLLEGE**  
**(AUTONOMOUS)**  
Pachal, Namakkal-637 018.

**INVITATION**

**DEPARTMENT OF MECHANICAL ENGINEERING**

The Management, Director Administration, Director Operations, Principal, Staff  
Members and Students cordially invite you for the

**SEMINAR**

**On**

**“PRODUCTION MANAGEMENT SYSTEM-TECHNIQUES  
AND PRACTICES”**

***By***

**Dr.P.Parthiban,**

Assistant Professor,

NIT, Trichy.

Date : 22.03.2016

Time : 10.00 A.M.

Venue : Smart Hall.

**ALL ARE WELCOME**

## **Department of Mechanical Engineering and R&D**

### **“International Conference on Adaptive Technologies for Sustainable Growth, ICATS-2016”**

A two-day conference on “International Conference on Adaptive Technologies for Sustainable Growth” was inaugurated on 13.05.2016. Shri.CA.N.V.Natarajan, Chairman, Paavai Institutions presided over the function. Mr.Hermanus Adriaan Bernard, Chief Executive Officer, INTELE Track, Pretoria, South Africa, inaugurated the conference and gave his inaugural speech. Dr. Nursyarizal Mohd Nor, Universiti Teknologi Petrona, Malaysia and Dr. Amimul Ahsan, Universiti Putra Malaysia, Malaysia, were the special guests for the function. They gave their key note addresses and observed technical presentations on 13th and 14th May 2016.



**PAAVAI ENGINEERING COLLEGE**  
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**Pachal, Namakkal.**  
**DEPARTMENT OF MECHATRONICS**

**“EMBEDDED SYSTEMS”**

A workshop on “EMBEDDED SYSTEMS” was organized on 20.02.2016 by the Department of Mechatronics Engineering, Paavai Engineering College, Namakkal.

The Chief Guest, Mr.Amit Kumar Johri explained the need of the embedded systems for smart manufacturing program and the factories of the future. He also explained about how these systems will impact many aspects of our daily life - ranging from consumer electronics devices to medical equipment, telecom instruments, automobiles and many others. A staggering 11 billion processors were used in embedded systems during 2007 and the numbers are rising annually. Embedded systems have been touching and changing modern lives like never before.





# **PAAVAI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS ENGINEERING**

The Management, Director Admin, Principal, HOD  
and Staff Members cordially invite you for the

Workshop on

““EMBEDDED SYSTEMS””

Guest Speaker

**Mr.Amit Kumar Johri**

**Sr. Engineer and Project Coordinator,**

**Embegins Technology,**

**Coimbatore.**

Date : **20<sup>th</sup> FEBRUARY, 2016**

Time : **2.00 P.M**

Venue : **SMART HALL**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**

**Pachal, Namakkal.**

**DEPARTMENT OF MECHATRONICS**

**GUEST LECTURE ON “DESIGN USING FRACTURE MECHANICS CONCEPT”**

A Guest Lecture on “DESIGN USING FRACTURE MECHANICS CONCEPT” was organized on 04.08.2015 by the Department of Mechatronics Engineering, Paavai Engineering College, Namakkal.

The Chief Guest and resource person of the Guest Lecture, Dr.R.Deivasigamani explained that the need of Design concept in recent days and its importance in the field of Defense, Medical Equipments, Industrial Machine Elements and so on. Further he explained the significance and basic concepts of fracture mechanics in design and recent usage in various domains.







# **PAAVAI ENGINEERING COLLEGE**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS ENGINEERING**

The Management, Director Admin, Principal, HOD

and Staff Members cordially invite you for the

Guest Lecture on

**“Design Using Fracture Mechanics Concept”**

Guest Speaker

**Dr.R.Deivasigamani,**

Professor,  
Department of Mechanical Engineering,  
Kongu Engineering College,  
Perundurai -639052.

Date : **04<sup>th</sup> AUGUST, 2015**

Time : **10.30 A.M**

Venue : **Kalam Chamber**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**

**Pachal, Namakkal.**

**DEPARTMENT OF MECHATRONICS**

**“SMART MANUFACTURING AND FACTORIES OF THE FUTURE”**

A Guest Lecture on “SMART MANUFACTURING AND FACTORIES OF THE FUTURE” was organized on 19.08.2015 by the Department of Mechatronics Engineering, Paavai Engineering College, Namakkal.

The Chief Guest, Dr.T.C.Kanish explained that the need of the Robotic Systems for Smart Manufacturing Program and the Factories of the Future which is based on a fourth industrial revolution –Industry 4.0, and is centered on the use of cyber-physical systems and its importance in the field of industrial automation. Further, he explained the structure of future industrial automation systems with a few examples of Cyber-Physical Systems.





# **PAAVAI ENGINEERING COLLEGE**

Pachal, Namakkal-637 018.

## **INVITATION**

### **DEPARTMENT OF MECHATRONICS ENGINEERING**

The Management, Director Admin, Principal, HOD

and Staff Members cordially invite you for the

Guest Lecture on

**“Smart Manufacturing and Factories of the Future”**

Guest Speaker

**Dr.T.C.Kanish,**

Professor,

Department of Mechatronics Engineering,

VIT University,

Vellore -632014.

Date : **19<sup>th</sup> AUGUST, 2015**

Time : **11.00 A.M**

Venue : **Kalam Chamber**

**ALL ARE WELCOME**

**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

**Guest Lecture on “Introduction to Building Mobile Apps with Xamarin”**

The Department of MCA organized a guest lecture on ' Introduction to Building Mobile Apps with Xamarin' on 24<sup>th</sup> March 2016. Mr.M.Anbu, Software Developer, Congenial Studioss, Chennai, was the chief guest for the function. The function started on a divine note with the prayer song. Ms.B.Obusrimathy of II MCA welcomed the gathering. The function was presided over by Dr. M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, stressed the students to improve the communication skills, self confidence and to fulfill Industry expectation with dedicated work. He emphasized the students to get appreciation and recognition from their work environment. Finally, he insisted the students to take the guest speaker as a role model to achieve their expectations.

The chief guest Mr.M.Anbu, gave an overview of Xamarin, Building mobile applications, iOS, Android, Windows and Windows Phone. He also gave detailed information about Mobile development approach, Silo'd Approach, Xamarin's unique approach, Pages, Layouts, Controls and Development environments. He demonstrated with Setup and Installation of Xamarin, working with Xamarin, Creation of native android application, Running sample application and Creating amazing user interfaces with example codes.

Earlier, Introduction of the chief guest was given by Ms.A.Kokila, II MCA. The function concluded with the vote of thanks by Ms.M.Kanimozhi, II MCA. Heads of various Departments, Professors, and Lecturers actively participated in the guest lecture programme and made it a grand success.

Students from MCA Department participated with full zeal and were benefitted by this programme.

**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

**Guest Lecture on “The Emergence of Open Source Software Networks”**

The Department of MCA organized a guest lecture on 'The Emergence of Open Source Software Networks' on 19<sup>th</sup> March 2016. Mr.G.Pasupathi, Senior Software Developer, Razorfish LTD., Bangalore, was the chief guest for the function. The function started on a divine note with the prayer song. Ms. M.Pavithra of II MCA welcomed the gathering. The function was presided over by Dr. M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, stressed the importance of gathering the new ideas and new thoughts to create innovations. He emphasized the students to utilize the college resources properly and to use opportunities around them. Finally, he insisted the students to interact with the guest and take maximum benefit out of his lecture.

The chief guest Mr.G.Pasupathi, in his inaugural address, instructed the students to gather lot of knowledge from outside world and develop the project for the current trends and market. He also gave detailed information about Open Source Software and its history, Closed Source Software and Reasons for using Open Source Software. Then, he narrated the Drupal-Open Source Content Management System (CMS), Architecture, Data Persistence, Running Drupal, Drupal Modules, Drupal Themes, Custom Content Types, File system structure, Installation of Drupal and creation of website using Drupal. The session was highly interactive and the queries of the students were clearly clarified by the guest. The outcome of the guest lecture is that the students are able to use Drupal (Open Source CMS) for developing applications and creating websites.



Earlier, Introduction of the chief guest was given by Ms.V.Gurupriya, II MCA. The function concluded with the vote of thanks by Ms.M.Kanimozhi, II MCA. Heads of various Departments, Professors, and Lecturers actively participated in the guest lecture programme and made it a grand success. Students from MCA Department participated with full zeal and were benefitted by this programme.

## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

### **Guest Lecture on “Database Management Using ADO.NET”**

The Department of MCA organized a guest lecture on 'Database Management Using ADO.NET' on 18<sup>th</sup> March 2016. Dr.R.Manjuladevi, Professor, Department of Computer Science and Engineering, Kongu Engineering College, Erode, was the chief guest for the function. The function started on a divine note with the prayer song. Ms.B.Obusrimathy of II MCA welcomed the gathering. The function was presided over by Dr. M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, stressed the importance of Guest lectures and Workshops to enhance the knowledge of students. He emphasized the students to practice and improve the communication skills then communicate properly to face the company interview successfully. Finally, he insisted the students to utilize the resource person for their growth.

The chief guest, Dr.R.Manjuladevi, in her inaugural address, instructed the students to plan for their career and utilize the opportunities around them for getting placement. She also gave detailed information about .Net Framework that provides services for building, deploying, and running desktop, web, and phone applications and web services. Then, she narrated the Activex Data Object (ADO. NET) working principles, Roles of ADO.Net, how to create and use DataSets, typed DataSets, DataTables, DataViews and accessing data with ADO.Net with example programs. The session was highly interactive and the queries of the students were clearly clarified by the guest. The outcome of the guest lecture is that the students are able to connect a database with ADO.Net for an application or a project.

Earlier, Introduction of the chief guest was given by Ms. A.Kokila, II MCA. The function concluded with the vote of thanks by Mr.G.S.Gokulnath, II MCA. Heads of various Departments, Professors, and Lecturers actively participated in the guest lecture programme and made it a grand success. Students from MCA Department participated with full zeal and were benefitted by this programme.

**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

**A one-day Workshop on “Visual Programming”**

The Department of MCA organized a one-day workshop on 'Visual Programming' on 15<sup>th</sup> September 2015. Dr.S.Pradeep Gnanam, Quality Analyst Head, e-Future soft (P) Ltd, Chennai, was the chief guest for the function. The function started with a prayer song. Ms.M.Banupriya of III MCA welcomed the gathering. The function was presided over by Dr.M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, stressed the importance of applying science to the optimum conversion of the resources of nature to benefit man. He insisted the students to take lessons from the experience and expertise of the engineers from the respective fields. Finally, he advised the students to do the research and create new innovations.

The chief guest, Dr.S.Pradeep Gnanam, in his keynote address, instructed the students to gain practical oriented knowledge for getting placement. In the morning session, he briefed the students about Windows fundamentals, Windows messages, Visual C++ data types, Structures, Graphics Device Interface (GDI), Device context, Microsoft Foundation Classes (MFC) and Application Framework. Then, he explained the Visual C++ components, Event handling, Simple window creation program, Main objects like CObject(), CWnd(), CDialog(), CFrameWnd() and CWinApp(). In the afternoon session, he demonstrated how to write a window program with examples. It was a learning and practical oriented session for the students and the queries of the students were clearly clarified by the guest. The outcome of the workshop was

that the students were able to understand the visual programming concepts and creating Window application.

Earlier, Introduction of the chief guest was given by Mr. N.Rajesh, III MCA. The workshop ended with a vote of thanks by Mr.P.Padmanaban, II MCA. Heads of various departments, Professors, and Lecturers actively participated in the workshop and made it a grand success. The students of MCA Department participated with full zeal and were benefitted by the programme.

**PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

**Guest Lecture on “Developing Mobile Applications using Advanced  
JavaScript”**

The Department of MCA organized a guest lecture on 'Developing Mobile Applications using Advanced JavaScript' on 5<sup>th</sup> September 2015. The resource person was Mr.S.Sakthivel, Senior Associate, Sapient Corporation from Bangalore. The function started on a divine note with the prayer song. The programme commenced with the welcome address given by Ms.A.Kokila, II MCA. The function was presided over by Dr. M.Premkumar, Principal, Paavai Engineering College.

Dr.M.Premkumar, in his presidential address, encouraged the students to interact with the guest and take maximum benefit out of the function. He stated that the students should take the chief guest as a role model for better achievement. Finally, he insisted the students to get the blessings of Mother, Father and Teacher to lead a happy and prosperous life.

The chief guest, Mr.S.Sakthivel, in his inauguration address, advised the students that everyone should become a smart person in various activities. He also briefed the students about the concept of JavaScript and the growth, history and simple application of using JavaScript. Then, he narrated the object oriented key concepts, Browser Engines, Mobile User Interface Design, Model View Controller (MVC), Mobile Enterprise Application Platform, Successful career with JS, Interview questions with JS and Applications of JS etc. It was a learning and interactive session for the students where he answered all the queries put up by the students to their full satisfaction. The outcome of the guest lecture is that the students are able to understand JavaScript,



Programming concepts, Creating Mobile Application using JS and JavaScript frameworks.

Earlier, Introduction of the chief guest was given by Ms. S.Kamali, III MCA. The guest lecture ended with a vote of thanks by Ms.C.Mangalasundari, II MCA. Heads of various Departments, Professors, and Lecturers actively participated in the guest lecture programme and made it a grand success. The students of MCA Department participated with full zeal and were benefitted by this programme.

## **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

**Pachal, Namakkal.**

### **Special Lecture on “Digital India Week (Digital Locker)”**

The Departments of MCA & ECE, Paavai Engineering College, organized a guest lecture on **“Digital India Week (Digital Locker)”** for MCA & ECE students on 6<sup>th</sup> July, 2015, and the lecture was given by Mr.D.Selvakumar, Scientist ‘E’, National Informatics Centre, Namakkal. The program started on a divine note with the prayer song. Ms.M.Vinothini of III MCA welcomed the gathering. Professor P.Muthusamy, HOD, Department of MCA, Paavai Engineering College, presided over the function.

Mr.D.Selvakumar, in his keynote address, emphasized the students to participate and use Digital India to fulfill all our document requirements from the government and get 18 lakhs employment from that. Also, he explained the detailed information about Digital India where one stop solution we can access all the data whenever is required. Then, he narrated the Digital Locker, 9 Pillars like Broadband Highway, Universal access to phones, Public internet access program, E-Governance, E-Kranti, Information for all, Electronic manufacturing, IT for jobs and Early harvest programs and their services for Smart Environment, Smart Health, Smart Agriculture, Smart Waste Management, Smart Water and so on. The session was highly interactive and the queries of the students were clearly clarified by the guest. The outcome of the guest lecture is that the students are able to understand Digital India Uses, Features, Applications and Services.

Earlier, Introduction of the chief guest was given by Ms.R.Durgadevi, III MCA. The function concluded with the vote of thanks by Ms.R.Gunaseela, III

MCA. HODs of various Departments, Professors, and Lecturers actively participated in the guest lecture programme and made it a grand success. Students from MCA and Electronics and Communication Engineering departments participated and benefitted by this programme.

**PAAVAI ENGINEERING COLLEGE**  
**(Autonomous)**  
**DEPARTMENT OF MANAGEMENT STUDIES**

**`GUEST LECTURE ON BUILDING SELF-CONFIDENCE AND TIME MANAGEMENT**



Building Self-Confidence and Time management' a Guest Lecture was organized by Department of Business Administration on 14.8.2015. The guest speaker Mr.Hussain Basha, MBA. LLB, Corporate Affairs Manager, National Elevators, gave a detailed explanation on self-confidences.