



**5.1.3.CAPACITY BUILDING AND SKILLS ENHANCEMENT INITIATIVES OF  
THE INSTITUTION  
(PERIOD 2016-2021)**

**ICT / COMPUTING SKILLS , LIFE SKILLS ( YOGA, PHYSICAL FITNESS,  
HEALTH AND HYGIENE) , SOFT SKILLS , LANGUAGE AND  
COMMUNICATION SKILLS**

**CONSOLIDATED REPORT OF EVENTS**

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<b>ICT / COMPUTING SKILLS , SOFT SKILLS , LANGUAGE AND COMMUNICATION SKILLS - YEARWISE REPORTS</b>		
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*K. C. D. D. 21/11/21*  
**IQAC COORDINATOR**

*J. M. M. 21/11/2021*  
**PRINCIPAL**

**PRINCIPAL**  
Kings College of Engineering  
PUNALKULAM - 613 303.



**ACADEMIC YEAR**  
**2020-2021**



**DEPARTMENT OF COMPUTER SCIENCE &  
ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**



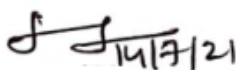
## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### Capacity & Skill Enhancement Programme Report Organized during 2020 - 2021

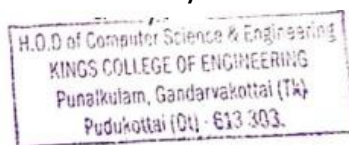
S.No	Name of the capability enhancement program	Number of Students Trained
1.	Webinar on Web Development using PHP	85
2.	Webinar on "3D Animation using computer graphics"	73
3.	Guest Lecture on "Machine Learning Techniques"	40
4.	Hands on Session in Identification of System Components	42
5.	Bridge Course on "Introduction to Basic Unix Commands"	40
6.	Bridge course on "Introduction to Mobile Application development Lab"	38
7.	Webinar on "Current Trends in IT Industry"	26
8.	Webinar on Startups for IOT and AI	133
9.	Guest Lecture on "Digital Marketing"	40

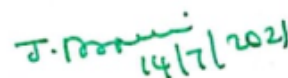
 14/7/21

Overall Coordinator

 14/7/21

HOD/CSE



 14/7/2021

Principal

**PRINCIPAL**  
Kings College of Engineering,  
PUNALKULAM - 613 303.



## Department of Computer Science & Engineering

# Capacity & Skill Enhancement Programme Report Organized during 2020 - 2021



### ISTE STUDENT CHAPTER [TN 217] ACADEMIC YEAR 2020-21 (ODD SEMESTER) WEBINAR REPORT

22.9.2020

A one day webinar titled “ **Web development using PHP** ” was organized by the ISTE Student Chapter [TN 217] through (Google meet) on **20.9.2020** from 11.00a.m. to 12.30p.m. to the students of Computer Science and Engineering department with an objective to offer a better understanding of web development, PHP, MySQL . Welcome address and resource person introduction were delivered by Mrs.T.Gnanajeya,Coordinator ISTE Chapter. The session was handled by eminent resource person **Dr.S.Rajkumar, Associate Professor, School of Computer Science and Engineering, VIT University, Chennai.** The resource person explained the concept of Web development using PHP with demonstration in excellent manner. Totally 79 students were registered from II CSE, III CSE and IV CSE. About **85 participants** including CSE department staff members actively participated in this session and gained knowledge in PHP. Vote of thanks was given by Mr.S.Rajarajan, AP/CSE and also he was the host of this webinar. After the session participants gave the feedback through feedback link. E-Certificates were issued to all the participants.



a. Webinar Poster

Coordinator



b. Sample Certificate

HOD/CSE





**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
ACADEMIC YEAR 2020-21 ODD SEMESTER  
WEBINAR REPORT**

**22.12.2020**

A one day webinar titled “**3D Animation using Computer Graphics**” was organized by the CSE Multimedia Club through Google meet on 19.12.2020 from 11.00a.m. to 12.30p.m. to the students and staff of various Engineering Colleges around the nation with an objective to offer a better understanding of Computer Graphics, VFX and Movie Making . Welcome address and resource person introduction were delivered by Dr.S.M.Uma, HOD / CSE. The session was handled by eminent resource person G.Saravanan, CG Generalist and Senior Lighting Artist, Mirayi Studio, Malaysia. The resource person explained the concept of Computer Graphics using VFX with demonstration in excellent manner. Totally 84 participants registered from MCA,CSE, ECE and Computer Application Departments. About **73 participants** including various other college staff members actively participated in this session and gained knowledge in 3D Animation. Vote of thanks was given by Mr.S.Rajaraman, AP/CSE and also he was the host of this webinar. After the session participants gave the feedback through feedback link. E-Certificates were issued to all the participants.



a. Webinar Poster



b. Sample Certificate

**Coordinator**

**HOD/CSE**





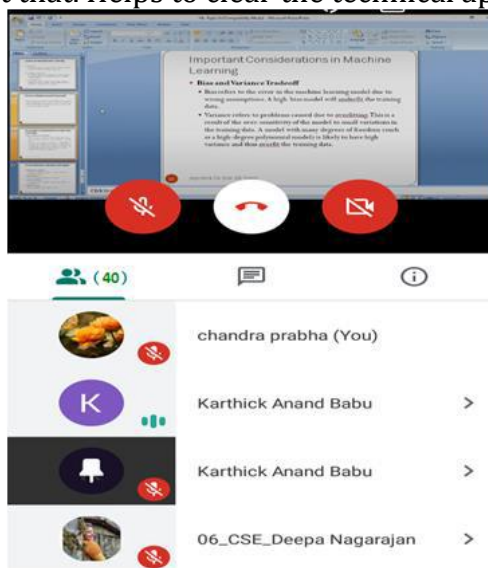
## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2020 - 2021 / EVEN SEMESTER REPORT

1. Name of the event : Guest Lecture on “Machine Learning Techniques”
2. Date & Session : 22.1.2021 (10.30am – 11.30am)
3. Venue : Virtual mode
4. Name of the Organizer : Mrs.G.Chandra Praba, AP/ CSE
5. Organized for : Students of IV CSE of Kings College of Engineering
6. Resource Person : Mr.Karthik Anand Babu, AP, Tamil University.
7. No.of beneficiaries : Around 40 students
8. Purpose : To create an exposure to the students about the Machine Learning techniques.

Department of Computer Science and Engineering organized a guest lecture on “Machine Learning Techniques” on January 22nd of 2021 with the objective of making the students exposed to the currently demanding topic in virtual mode. Around 40 students from our department attended the session and got exposed to the basics and the important algorithms of the machine learning techniques.

### Outcome:

The students make use of these machine learning techniques in their final project work and they are given an idea about that. Helps to clear the technical aptitude.



A screenshot of Google Meet during the Guest Lecture on “Machine Learning Techniques”.

  
**Coordinator**

  
**HOD/CSE**



## REPORT ON IEI “Hands on Session in Identification of System Components” ON 22.01.2021

IEI Students Chapter and Department of CSE jointly organized “Hands on session in Identification of System Components” on 22.01.2021. Totally 42 IEI student members (II Year) had attended this session. The objective of this session was to gain the knowledge about the components used to assemble the system. It also generates the interest in Hardware domain among the students. The IEI members had the real time experience and also cleared their doubts during that session.

### Resource Person Details:

Mr.S. Selvakumar,  
System Administrator  
Kings College of Engineering

### Topics Covered in the session:

- Components of a CPU
- Functionalities of each component

### Outcome of the Event:

- Gain the knowledge about system components
- Understand the usage of SMPS, Cooler fan
- Understand the basic concepts of Computer Architecture
- Create an interest towards Hardware & Network Engineering
- Able to assemble the CPU
- Able to fix a bug in CPU



Mr.S.Selvakumar demonstrates the assembly of a system.

*S. Puri*  
Dept.IEI Coordinator

*[Signature]*  
HOD/CSE





## **DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

### **ACADEMIC YEAR 2020 – 2021 EVEN SEMESTER**

#### **BRIDGE COURSE REPORT**

The Department of Computer Science & Engineering organized a bridge course for II Year (Batch: 2019 -2023) students on 18.02.2021 and for III Year (Batch: 2018 -2022) students on 19.02.2021.

#### **OBJECTIVE**

The objective of the course is to bridge the gap between students understanding and their knowledge. To equip the students knowledge, Basic Linux commands taken as bridge course for the second year students and MIT appinventor for the third year students.

#### **COURSE MAPPING**

In regulation 2017 syllabus, operating system subject and OS lab are found in fourth semester. Operating system lab deals with basic OS concepts which will be implemented in Linux environment. To understand the working environment of Linux, basic Linux commands should be known to the students. Thus the “Basic Linux commands” was taken as bridge course for II year students.

Similarly in regulation 2017 syllabus, mobile application development lab is in sixth semester. The students did not have any background knowledge on mobile application development software. To understand the mobile application development environment, MIT Appinventor software is used. Thus the “Introduction to Mobile Application Development Lab” was taken as bridge course for III year students.

#### **SESSION DETAILS**

Ms.K.Abhirami, AP/CSE, handled the session for II year students. She described each function of a Linux Commands and also explained the usage of function in a program. She executed the commands and the output was shown to students. Hands on training also provided to the students. The students executed the commands and the doubts were cleared by the staff and the students got benefited. Totally 40 students were attended the session.



Ms.R.Suganthalakshmi, AP/CSE, handled the session for III Year students. She explained procedure to get into the software and basic features of “MIT Appinventor”. She developed a project and demonstrated that project to the students. After the explanation, students individually created their own login to that application and tried to develop a sample project. The staff cleared the student's doubt during hands on session. Totally **38 students** were attended the session

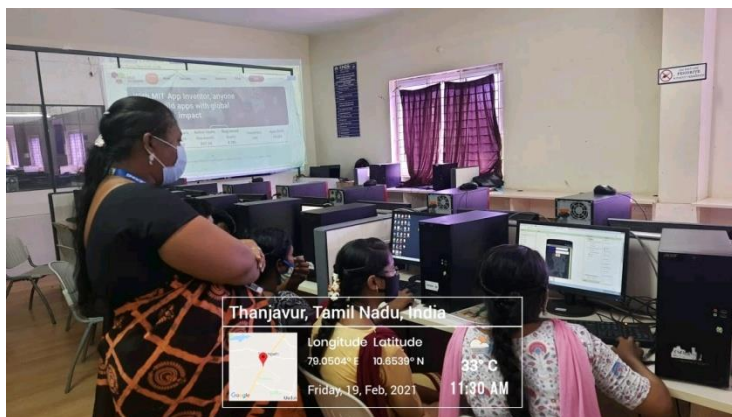
### OUTCOME OF THE EVENT

At the end of session, the students would be able to,

- Understand the functions of Linux Commands
- understand the lab programs easily
- understand the concepts of OS
- develop the application using MIT appinventor
- develop mini project using MIT appinventor.



Ms.K.Abhirami AP/CSE explained the functionality of Linux Commands



Ms.R.Suganthalakshmi AP/CSE cleared the doubts

*S. Puri*

Bridge Course Coordinator

*[Signature]*

HOD/CSE



# **REPORT ON IEI Webinar on “Current Trends in IT Industry” On 20.02.2021**

IEI Students Chapter and Department of CSE jointly organized Webinar on “Current Trends in IT Industry” on 20.02.2021. Ms.S.Puvaneswari AP /CSE (IEI Coordinator) was the coordinator of this webinar. Due to Covid-19 pandemic situation, the webinar was conducted through online mode.

## **OBJECTIVE**

The objective of this webinar is to explore various job opportunities available in IT industry and necessary skill set to attain a job.

## **RESOURCE PERSON DETAILS**

Mr.M.Baranidharan, alumni of department of Computer Science & Engineering (batch 2014 -2018) was the resource person and currently he is working as a QA Associate at Expleo Solution, Chennai. He is having more than 2 years of Industry experience. He has the real time experience on open source technologies.

## **TOPICS DISCUSSED IN THE SESSION**

The session was started at 10.15 am. The resource person, participants and coordinator were joined through google meet (<https://meet.google.com/nbu-nsyr-syq>).Dr.S.M.Uma HOD / CSE welcomed the resource person and participants. Ms.S.Puvaneswari AP/CSE introduced the resource person to participants. Mr.M.Baranidharan shared his presentation and discussed various roles of IT industry. He also described about basic skill set required to attain a job. He insisted that the students must have the awareness about fake interview calls while they are seeking for a job. He requested the HOD and management of KCE to create a portal for alumni students so that they can post any job offer to that portal which will be useful for their junior students. He asked the students to create mozilla club in our institution and participate in various activities of that club which be held on various parts of our country. He showed his interest to take more webinar on open source technologies. He thanked the management and HOD for providing this opportunity to him. Vote of thanks was given by the coordinator and the session had ended well. Totally 26 students were benefited.



## OUTCOME OF THE EVENT:

After attending the session, the students would be able to,

- Understand the nature of work in IT industry
- Have an idea about the work culture
- Identify their field of interest
- Prepare themselves for placement
- Classify the company based on product based or service based

## Poster :



20<sup>th</sup> Year of  
Academic Excellence  
SEEK • STRIVE • SUCCEED



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Punalkulam, Gandarvakottai Taluk, Pudukkottai Dt. - 613303  
Tamil Nadu, India, [www.kingsindia.net](http://www.kingsindia.net)



THE INSTITUTION OF ENGINEERS (INDIA)  
INCORPORATED BY ROYAL CHARTER 1935

**IEI Association  
Presents**

**Webinar on  
"Current Trends in IT Industry"**

Date: 20-02-2021  
.....  
Saturday  
.....  
Time: 10:30 a.m - 12:00 p.m (IST)



**Resource person**  
**Mr. Baranitharan M.,**  
QA Associate,  
Expleo Solutions,  
Chennai

Organizing Committee

**Mrs. S. Puvaneswari, AP/CSE**  
Coordinator

**Dr. S. M. Uma, Ph.D.,**  
HOD/CSE

**Dr. J. Arputha Vijaya Selvi, Ph.D.,**  
Principal

 <https://www.facebook.com/KingsCollegeofEngineering/>

*S. Puvaneswari*

Dept. IEI Coordinator

*S. M. Uma*

HOD/CSE





## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACADEMIC YEAR 2020-21 EVEN SEMESTER

#### KCE WEBINAR REPORT

**3.03.2021**

Department of CSE in association with Multimedia club conducted a webinar on “**IOT and AI in Startups**” for students and faculties of CSE through online mode (YouTube) on **2.03.2021**, with an objective to offer a better understanding of Passion at workplace in startup industry. The session was handled by eminent resource person **Mr.S.Ramesh, C.E.O., CIAR Software Solutions, Chennai**. About **133 participants** joined Webinar through Kings College YouTube channel. Participants from third year and final year students and cse department staff members actively participated in the session and gained inspiration on topic. The event was co-ordinated by Mr.S.Rajaraman AP/CSE, Ms.M.Arun AP/CSE under the guidance of Dr.S.M.Uma, Head of the Department and by the support of our Principal Dr.J.Arputha Vijaya Selvi and the management. The session was completed successfully by the support of our Faculty members of CSE.



The speaker of the session Mr.S.Ramesh presented the Keynote address on “Introduction to Data Science”. He discussed the basic concepts used in the technology related with best suitable real world examples which are essential for understanding of the technology. He projected a clear understanding of the importance of IoT and AI problems in real world. He emphasized on business analytics career opportunities in India and global market and gaining practical mastery over application of IoT through a hands on project. Feedback was collected from participants using Google form.




a. Webinar Brochure



b. Screenshot on discussion

1.   
 2.   
**Coordinators**

  
**HOD/CSE**



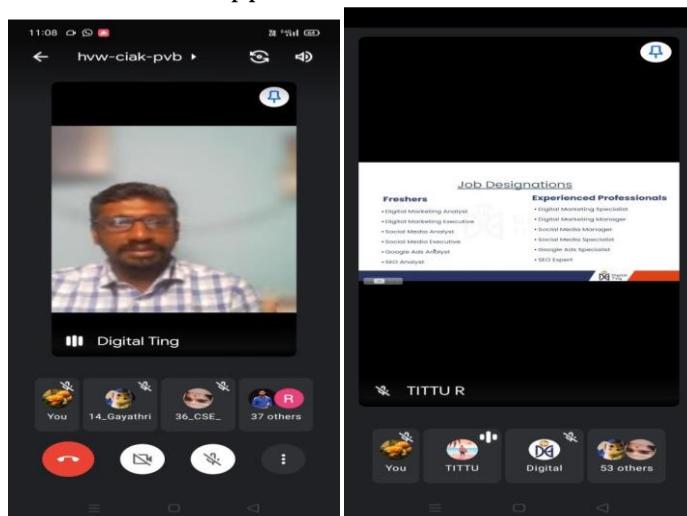
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2020 - 2021 / EVEN SEMESTER**  
**REPORT**

1. Name of the event : Guest Lecture on “Digital Marketing”
2. Date & Session : 22.05.2021 (11.00am – 12.00pm)
3. Venue : Google meet
4. Name of the Organizer : Mrs.G.Chandra Praba, AP/ CSE
5. Resource Person : Mr.A.Karthik, Digital Marketer, Chennai.
6. Objective : To create an exposure to the students about the digital marketing and the career opportunities in it.

Department of Computer Science and Engineering organized a guest lecture on “Digital Marketing” on May 22<sup>nd</sup> of 2021 with the objective of making the students exposed to the currently emerging business area and the career opportunities in it. Around 40 students from our department attended the session and got exposed to the digital marketing. The resource person Mr.A.Karthik, Digital Marketer and Founder of Digital Ting(Academy for digital marketing training) and his partner Mr.Tittu Raja elaborated the basics and the scope of the domain in future in a well organized manner.

The session highlighted the following points:

- What is digital marketing?
- Components of digital marketing
- Digital Marketing Strategies
- Real world examples
- Career opportunities and the skills needed



**Outcome:**

The students make use of this guest lecture to know about the basics of digital marketing, the trending business domain, the knowledge of which can help them in their career.

*G.C.R.*

**Coordinator**

*[Signature]*

**HOD/CSE**



**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Capacity & Skill Enhancement Programme Report Organized during 2020 - 2021

S.No	Name of the capability enhancement program	Number of students Trained
1.	Webinar on "Composite Materials for Automotive Applications & Flexible Electronics"	78
2.	Webinar on "The role of Internet of Things (IOT) in current pandemic of COVID-19"	72
3.	Webinar on "Fundamentals of Antenna and its Design tools"	65
4.	Webinar on "Fundamentals of VLSI and Introduction to FPGA"	45
5.	Webinar on "FSOC: Design Challenges"	227
6.	Webinar on "Antennas for health care Application".	135
7.	Webinar on "Modern Antenna Design Challenges"	141
8.	Webinar on "AGILE Methodology"	125
9.	Webinar on "Research Trends in Multirate Signal Processing"	152
10.	Webinar on "Overview of Machine Learning, Deep learning and Natural Language Processing Using Python"	300

*T. Pannamp*  
Overall Coordinator

*[Signature]*  
HOD/ECE

*J. [Signature]*  
Principal

**H.O.D.**  
ELECTRONICS AND COMMUNICATION ENGINEERING  
**KINGS COLLEGE OF ENGINEERING**  
PUNALKULAM - 613 303.  
GANDARVAKOTTAI TALUK, PUDUKOTTAI DISTRICT

**PRINCIPAL**  
Kings College of Engineering  
PUNALKULAM - 613 303.



# A REPORT

## ON

### WEBINAR TITLED

**“COMPOSITE MATERIALS FOR AUTOMOTIVE  
APPLICATIONS & FLEXIBLE ELECTRONICS”**

**01<sup>st</sup> JUNE 2021**



**Organized by**

**Department of Electronics and Communication Engineering**

**KINGS COLLEGE OF ENGINEERING, PUNALKULAM**

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**(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)**

**Phone : 04362-282474, 282395    Website : [www.kingsindia.net](http://www.kingsindia.net)**



## **A Glimpse on the Background of Webinar:**

Department of Electronics and Communication Engineering, organized a webinar on ***“COMPOSITE MATERIALS FOR AUTOMOTIVE APPLICATIONS & FLEXIBLE ELECTRONICS”*** on 01<sup>st</sup> June 2021, from 11.00 p.m. to 12.00 Noon.

The main objective of this webinar is to provide basic knowledge on the composite material and flexible electronics materials.

Under the guidance of our Principal, Dr. J. Arputha Vijaya Selvi, we hosted this webinar. Mrs. N.Mangaiyarkarasi, HOD/ECE was the convener of our webinar. Dr.T.Shanthi, Associate Professor /ECE, Mr.R.Thandayuthapani,AP/ECE were the program coordinators.

## **OVERVIEW OF THE WEBINAR:**

### **ABOUT THE RESOURCE PERSON:**

The resource person for the webinar was Mr.A.Senthil Kumar, Project Scientist, Indian Institute of Technology, Chennai.

### **ABOUT THE IMPORTANT COMMUNICATION LINK'S**

- **REGISTRATION LINK** : <https://tinyurl.com/webflexibleelec>
- **YOU TUBE LINK** : <https://youtu.be/5pJSrZO50gc>
- **GOOGLE MEET LINK** : <https://meet.google.com/wfu-muuy-rdc>
- **FEEDBACK LINK** : <https://tinyurl.com/fbflexibleElec>

### **ABOUT THE REGISTRATION PROCESS:**

The webinar was organized via Google Meet platform and also live streamed in YouTube channel. The registration link was shared to participants through various WhatsApp groups and Gmail. We received responses from various institutions and also from internal participants. Confirmation mail along with YouTube link was sent to all the registered participants of the webinar.

### **ABOUT THE WEBINAR:**



- ✓ The webinar started by 11.00 p.m.
- ✓ Dr.T.Shanthi, Associate Professor /ECE coordinator of the webinar welcomed the resource person and the participants.
- ✓ Mr.R.Thandayuthapani, AP/ECE coordinator of the webinar introduced the resource person.
- ✓ Resource person gave very clear explanation on the ***“COMPOSITE MATERIALS FOR AUTOMOTIVE APPLICATIONS & FLEXIBLE ELECTRONICS ”*** through the following sub-topics:
  - ❖ Moto of the webinar is conversion from waste material to useful one
  - ❖ Make in India
  - ❖ Motivate the students for research
  - ❖ Composite material for automotive applications.
  - ❖ Classification of Natural fibers
  - ❖ Structure and properties of composite materials
  - ❖ Geometry and Orientation of the fibers in the composite
  - ❖ Surface modification of Natural fibers
  - ❖ Drawbacks of Natural fiber composite
  - ❖ Nano composite
  - ❖ Flexible Electronics
  - ❖ Conductive Nanomaterial for Printed Electronics
  - ❖ Nano material requirements and challenges
  - ❖ Conductive ink and Pen
  - ❖ Conductive inject ink is multicomponent system
  - ❖ Conductive ink: Join the IoT revolution with innovative and flexible applications
  - ❖ Circuits demo
- ✓ Finally he gave tips regarding useful certification and non certification courses and also shared the link. The queries posted in the YouTube chat box by the participants were clarified. Feedback link was posted in the chat box. Mr.R.Thandayuthapani, AP/ECE, proposed vote of thanks. Programme was technically supported by Mr. J. Niranjan Samuel, JRF/R&D.

#### **OUTCOME:**

- ✓ We received 100 registrations from various institutions.



- ✓ Among the 100 registered participants nearly 75 have attended the session.
- ✓ All the 75 participants gave the feedback about the webinar via the Feedback Link.
- ✓ The E-Certificate was provided to all the attendees through their E-mail Id.

### **BROCHURE**



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PUNALKULAM - 613 303, NEAR THANJAVUR.



STB16621

**Department of Electronics & Communication Engineering**  
**Organizes**  
**Webinar**  
**On**  
**Composite Materials for Automotive Applications**  
**& Flexible Electronics**





**Resource Person**  
**Mr. A. Senthilkumar**  
**PROJECT SCIENTIST**  
**IIT, CHENNAI**

**01.06.2021 @ 11:00 am to 12:00 noon**

E- Certificates will be provided to the Participants

**Dr. T. Shanthi**  
**Mr. R. Thandayuthapani**  
Coordinators

**Mrs. N. Mangaiyarkarasi**  
HOD / ECE


**Dr. J. Arputha Vijaya Selvi**  
Principal

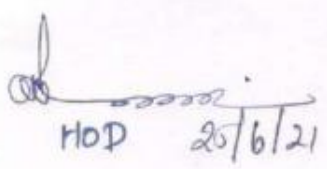
For Registration : <https://tinyurl.com/webflexibleelec>




## Sample You Tube Photo's

The image displays four screenshots of a YouTube live stream titled "KINGS Composite Materials for Automotive Applications and Flexible Electronics". The stream is organized by the Dept. of ECE. The main content area shows a webinar on composite materials, featuring a classification diagram of natural fibers (Animal, Mineral, Plant) and a list of fiber types (Wheat, Rice, Maize, Oat, Cotton, Kapok, Milkweed, Cord). The chat area on the right shows various messages from viewers, including "Good morning to all" and "Welcome all". The video player shows 193 views and a timestamp of 22:29/1:22:15.

  
 Coordinator(s)

  
 HOD 20/6/21

  
 HOD 25/6/2021





INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD initiative)



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Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.

# A REPORT ON WEBINAR TITLED

**"THE ROLE OF INTERNET OF THINGS (IoT) in  
Current Pandemic of COVID-19"**

27<sup>th</sup> MAY 2021



**Organized by**

**Department of Electronics and Communication Engineering  
KINGS COLLEGE OF ENGINEERING, PUNALKULAM**

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Phone : 04362-282474, 282395

Website : [www.kingsindia.net](http://www.kingsindia.net)



### **A Glimpse on the Background of Webinar:**

Department of Electronics and Communication Engineering, organized a webinar on “**THE ROLE OF INTERNET OF THINGS (IOT) IN CURRENT PANDEMIC OF COVID-19**” on 27<sup>th</sup> May 2021, from 03.00 p.m. to 04.00 p.m.

The main objective of this webinar is to provide basic knowledge on the role of internet of things (IoT) in current pandemic circumstances.

Under the guidance of our Principal, Dr. J. Arputha Vijaya Selvi, we hosted this webinar. Mrs. N.Mangaiyarkarasi, HOD/ECE was the convener of our webinar. Mr.W.Newton David Raj, AP/ECE, Mr.J.Niranjan Samuel,JRF/R&D were the program coordinators.

### **OVERVIEW OF THE WEBINAR:**

#### **ABOUT THE RESOURCE PERSON:**

The resource person for the webinar was Dr.JOE LOUIS PAUL, Associate Professor, Department of Information and Technology, SSN College of Engineering, Chennai.

#### **ABOUT THE IMPORTANT COMMUNICATION LINK'S**

- **REGISTRATION LINK** : <https://forms.gle/EV39gymwvsvkjQJK6>
- **YOU TUBE LINK** : <https://youtu.be/YcYjGNjH5fl>
- **GOOGLE MEET LINK** : [meet.google.com/aee-yqrn-rnb](https://meet.google.com/aee-yqrn-rnb)
- **FEEDBACK LINK** : <https://tinyurl.com/FB-RoleofIoT27-5>

#### **ABOUT THE REGISTRATION PROCESS:**

The webinar was organized via Google Meet platform and also live streamed in YouTube channel. The registration link was shared to participants through various WhatsApp groups and Gmail. We received responses from various institutions and also from internal participants. Confirmation mail along with YouTube link was sent to all the registered participants of the webinar.



### **ABOUT THE WEBINAR:**

- ✓ The webinar started by 3.00 p.m.
- ✓ Ms.M.Keerthika, Student coordinator, Electronics Club (III ECE) welcomed the resource person and the participants.
- ✓ Mr.W.Newton David Raj, AP/ECE coordinator of the webinar introduced the resource person.
- ✓ Resource person gave very clear explanation on the **"THE ROLE OF INTERNET OF THINGS (IOT) IN CURRENT PANDEMIC OF COVID-19 "** through the following sub-topics:
  - ❖ COVID-19
  - ❖ Transmission of COVID-19
  - ❖ Digital Transformation in Health & Social Care.
  - ❖ Digital Transformation Roadmap
  - ❖ Artificial Intelligence(AI)-Precision Diagnostics
  - ❖ Artificial Intelligence(AI)-Drugs Discovery
  - ❖ Block chain Technology-Electronics Health Record(EHR)
  - ❖ Block chain Technology-Supply Chain
  - ❖ IOT in Remote Health Monitoring
  - ❖ Contact Tracking Architecture
  - ❖ Vaccine Distribution-Global Shipping Infrastructure
  - ❖ FSAI's Personal Sanitization Solutions
  - ❖ FSAI's Support to Fight COVID-19
  - ❖ IOT Perspective
  - ❖ IOT & Cloud Based Screening Systems
  - ❖ IOT Asset Tracking and Control
  - ❖ IOT in Patient Monitoring
- ✓ Finally he gave tips regarding useful certification and non certification courses and also shared the link. The queries posted in the YouTube chat box by the participants were clarified. Feedback link was posted in the chat box. Finally, Ms.G.Latchayasri, Student Vice President, Electronics Club proposed vote of thanks. Programme was coordinated by Mr. J. Niranjan Samuel, JRF/R&D.



## OUTCOME:

- ✓ Participants were able to understand building blocks of Internet of Things and characteristics.
- ✓ Webinar provided an overview of Cloud based Screening system, Internet in Mobile Devices & Sensor Networks.
- ✓ Participants also enlighten their mind on Industry 4.0, IIoT smart manufacturing.
- ✓ Project skills of the second and third year students were developed through the webinar. They explored to the interconnection and integration of the physical world and the cyber space. The webinar was a eye opener to design & develop projects/products using IoT in drug delivery and IoT Devices.
- ✓ Through the webinar participants gained knowledge on the role of IOT in handling the COVID drug transit and the monitoring the affected patients .
- ✓ The E-Certificate was provided to all the attendees through their E-mail Id.
- ✓ 99 participants participated and gained knowledge.

## BROCHURE

NAAC Accredited Institution

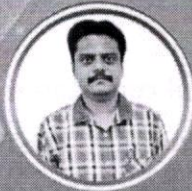
**KINGS**  
COLLEGE OF ENGINEERING

Recognized under 2(f) & 12(B) of UGC

Approved By AICTE, New Delhi & Affiliated to Anna University, Chennai  
Punalkulam, Gandarvakottai Taluk, Near Thanjavur, Pudukkottai - 613303

**Webinar on**  
**The Role of Internet of Things (IoT) in Current Pandemic of COVID-19**

**Organized by**  
**Electronics Club, Department of ECE**



Dr. I. Joe Louis Paul  
Associate Professor/IT  
SSN College of Engineering  
Kalavakkam, Chennai.

**27.05.21**  
**Thursday**  
**03.00 - 04.00 p.m.**

Mr. W. Newton David Raj, AP/ECE  
Mr. J. Niranjan Samuel, DRF/R&D

Mrs. N. Mangatgarkarasi  
HOD/ECE

Dr. J. Arpatha Vijaya Selvi  
Principal


*W. Newton*  
1/6/2021  
Coordinator

*J. Arpatha Vijaya Selvi*  
HOD/ECE  
1/6/2021  
4



*J. Arpatha Vijaya Selvi*  
01/6/2021



## Registration Form




<p>Webinar - Role of IoT in Current Pande</p> <p>Questions Responses <b>52</b></p> <hr/> <p><b>Webinar - Role of IoT in Current Pandemic of COVID-19</b></p> <p>Join our WhatsApp for updates  <a href="https://chat.whatsapp.com/LBQD0I7QqC6E6fJl0HQq3s">https://chat.whatsapp.com/LBQD0I7QqC6E6fJl0HQq3s</a></p> <p>Salutation</p> <p><input type="radio"/> Mr.</p> <p><input type="radio"/> Ms.</p> <p><input type="radio"/> Dr.</p> <p><input type="radio"/> Prof.</p>	<p>Name of the Participant *</p> <p>Short-answer text</p> <hr/> <p>Designation *</p> <p><input type="radio"/> Faculty</p> <p><input type="radio"/> Technical staff</p> <p><input type="radio"/> UG - Student</p> <p><input type="radio"/> PG - Student</p> <hr/> <p>Institution (Kings College of Engineering) *</p> <p><input type="radio"/> Kings College of Engineering</p> <p><input type="radio"/> Other...</p>	<p>Institution (Kings College of Engineering) *</p> <p><input type="radio"/> Kings College of Engineering</p> <p><input type="radio"/> Other...</p> <hr/> <p>Email Id *</p> <p>Short-answer text</p> <hr/> <p>Contact number (WhatsApp) *</p> <p>Short-answer text</p> <hr/> <p>Promo video</p> <p></p>
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## Feedback Form

<div data-bbox="231 1008 558 1120">  <p><b>KINGS</b> COLLEGE OF ENGINEERING</p> <p><small>RANK ACCREDITED &amp; ISO CERTIFIED INSTITUTION        Recognized by UGC under 2(F) &amp; 12(B)        Approved by AICTE, New Delhi &amp; Affiliated to Anna University, Chennai        Palayamkottai, Madurai, Tirunelveli, Tutukudi, Palakkad District - 621 005</small></p> </div> <div data-bbox="574 1008 821 1120">  <p><b>Department of Electronics &amp; Communication Engineering</b></p> </div> <p><b>Feedback Form - Webinar on The Role of Internet of Things in Current Pandemic of COVID-19</b></p> <p>Organized By Dept. of ECE in Association with IEEE STB and Electronics Club, Kings College of Engineering on 27/05/2021</p> <p>* Required</p> <p>Email *</p> <p>Your email</p> <hr/> <p>Name (Add Salutation before Name Ex. Dr.P.Rajal) *</p> <p>Your answer</p> <hr/> <p>Institution (Eg. Kings College of Engineering) *</p> <p>Your answer</p> <hr/> <p>Mobile No</p> <p>Your answer</p>	<p>How did you find the Webinar *</p> <table border="1"> <thead> <tr> <th></th> <th>Average</th> <th>Good</th> <th>Very Good</th> <th>Excellent</th> </tr> </thead> <tbody> <tr> <td>Audio &amp; Video quality</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Speed of response</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Follow up</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table> <p>How did you find the presentation and contents *</p> <table border="1"> <thead> <tr> <th></th> <th>Average</th> <th>Good</th> <th>Very Good</th> <th>Excellent</th> </tr> </thead> <tbody> <tr> <td>Related to the topic</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Clarity</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Response to the question</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> </tbody> </table> <p>Are you interested in participating in future webinars *</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p>Any other comments *</p> <p>Your answer</p> <p><b>Submit</b></p>		Average	Good	Very Good	Excellent	Audio & Video quality	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Speed of response	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Follow up	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Average	Good	Very Good	Excellent	Related to the topic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Clarity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Response to the question	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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## Sample Certificates

Cert. No :WZOEZO-CE000013	 <b>KINGS</b> COLLEGE OF ENGINEERING	  STB16621
Date : 27-5-2021	<small>NAAC Accredited &amp; ISO Certified Institution Recognized by UGC under 2(F) &amp; 12(B) Approved by AICTE, New Delhi &amp; Affiliated to Anna University, Chennai Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.</small>	
<b>Department of Electronics and Communication Engineering</b>		
<b>Role of IoT in Current Pandemic of COVID - 19</b>		
<b><u>Certificate of Participation</u></b>		
<p>This is to certify that Mr. K.Sudarsanan , Kings college of Engineering pudukkottai , has participated in the Webinar on "Role of IoT in Current Pandemic of COVID - 19", organized by Department of ECE in Association with IEEE STB and Electronics Club, Kings College of Engineering, Pudukkottai, on 27-05-2021.</p>		
Co-ordinator Mr.J.Niranjana Samuel	Co-ordinator Mr.W.Newton David Raj	HOD / ECE Mrs.N.Mangaiyarkarasi
		Principal Dr.J.Arputha Vijaya Selvi
<i>This is electronically generated certificate and does not need any signature</i>		Made for free with Certify'em

Cert. No :WZOEZO-CE000005	 <b>KINGS</b> COLLEGE OF ENGINEERING	  STB16621
Date : 27-5-2021	<small>NAAC Accredited &amp; ISO Certified Institution Recognized by UGC under 2(F) &amp; 12(B) Approved by AICTE, New Delhi &amp; Affiliated to Anna University, Chennai Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.</small>	
<b>Department of Electronics and Communication Engineering</b>		
<b>Role of IoT in Current Pandemic of COVID - 19</b>		
<b><u>Certificate of Participation</u></b>		
<p>This is to certify that Mr.W.Newton David Raj, Kings College of Engineering,Punalkulam, has participated in the online Webinar on "Role of IoT in Current Pandemic of COVID - 19", organized by Department of ECE in Association with IEEE STB and Electronics Club, Kings College of Engineering, Pudukkottai, on 27-05-2021.</p>		
Co-ordinator Mr.J.Niranjana Samuel	Co-ordinator Mr.W.Newton David Raj	HOD / ECE Mrs.N.Mangaiyarkarasi
		Principal Dr.J.Arputha Vijaya Selvi
<i>This is electronically generated certificate and does not need any signature</i>		Made for free with Certify'em



## Sample You Tube Photo's

**15:44** 83% battery

**KINGS** The Role of Internet of Things in Current Pandemic of COVID-19 ♦ IEE

**WEBINAR**

Digital Transformation Roadmap

Organized by Dept. of ECE & Electronics Club

**Live chat**  
Top chat 20

15:02 06\_Durga Sri good evening to all

15:03 22 Natika.K.S good afternoon sir

15:03 18\_Karthika Devi Good evening to all

15:03 23\_ Maheshwari Good evening to all

15:04 26\_ Nivethitha .S good evening to all

15:05 03 Devi sri Good afternoon to all

15:05 Rajkumar G good evening to all

15:06 13\_ Jothika P. Good evening to all

Chat publicly as Asha Rajaselvi A...

**15:59** 81% battery

**KINGS** The Role of Internet of Things in Current Pandemic of COVID-19 ♦ IEE

**WEBINAR**

Internet of Things (IoT) - Asset Tracking and Control (2/2)

Organized by Dept. of ECE & Electronics Club

**Live chat**  
Top chat 24

14:58 THALA SAKTHI Gd evening to all

14:59 Raja Pirian P good noon to all...

14:59 Er R BALAKRISHNAN ME MBA MISTE good evening to all

15:00 Kali Muthu jeyaseelan.T, good evening to all

15:00 20EE06 R.Dhanasree good evening sir

15:01 02-Krish M.E. KJ good afternoon to one and all gathering here

15:01 SUGUNA SELVAM good afternoon

15:02 19\_ Kiruba Sel... good evening to all

Chat publicly as Asha Rajaselvi A...

**16:07** 79% battery

**KINGS** The Role of Internet of Things in Current Pandemic of COVID-19 ♦ IEE

**WEBINAR**

IoT Perspective

Organized by Dept. of ECE & Electronics Club

**Live chat**  
Top chat 28

privacy and abide by our community guidelines.

**LEARN MORE**

15:54 25\_ Nithitha U good evening to all

15:55 Ramyachandran Chandran R.RAMYA K.S.K COLLEGE OF ENGINEERING AND TECHNOLOGY

15:55 40\_Susi Dev good evening to all

15:56 Malathy Amar good Evening to all

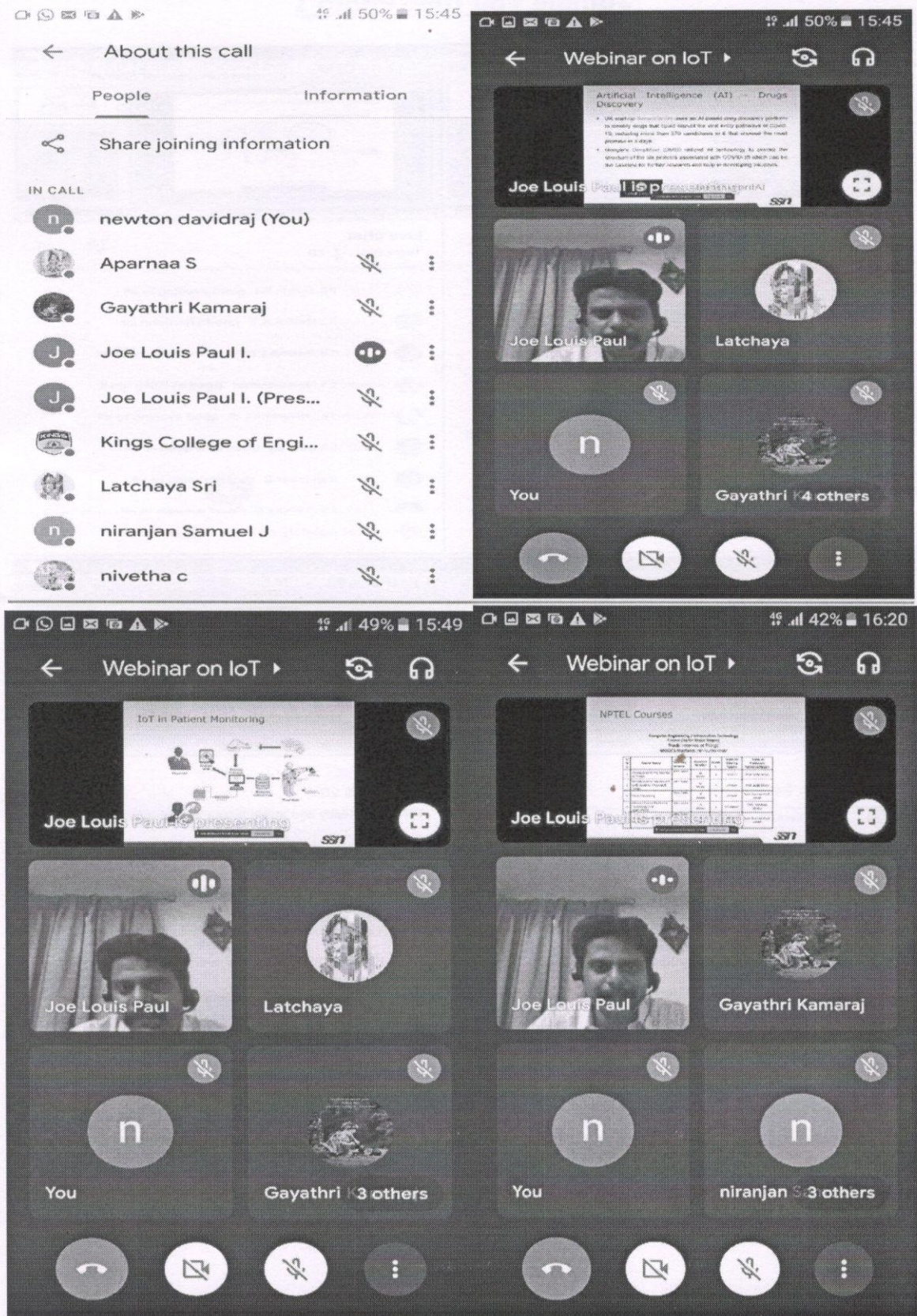
16:00 08\_ Ganga .R good evening to all

16:07 Latchaya Sri Queries regarding this webinar are most welcome through chat box....

Chat publicly as Asha Rajaselvi A...



## Sample Google Meet Photo's

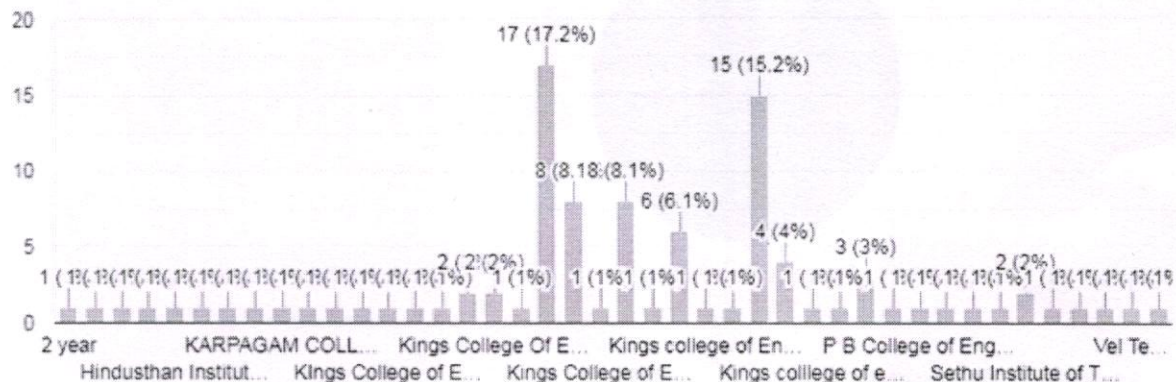




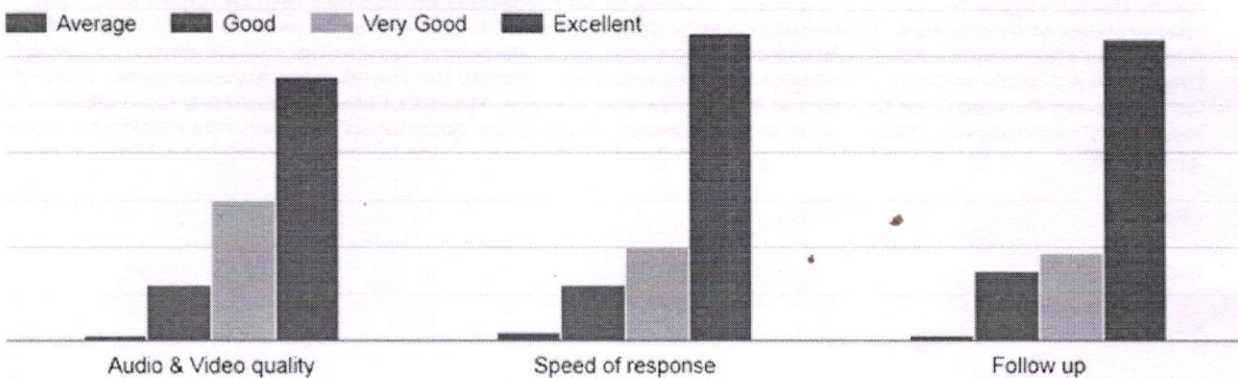
## Feedback Response

Institution (Eg. Kings College of Engineering)

99 responses



How did you find the Webinar



How did you find the presentation and content

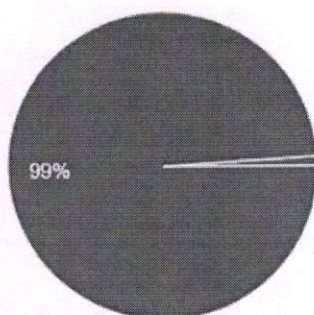




Are you interested in participating in future webinars



99 responses



- Yes
- No

Any other comments

99 responses

Participation for Progress! Excellent Presentation is Made in this 1 Day on National Webinar Entitled Topic on 'Role of IoT in Current Pandemic of COVID-19' on 27-05-2021, the Host Speaker Prof. Dr.I.Joe Louis Paul With His Brilliant Talks By Using His Exceptional PPT's.This International Webinar Training Program is Really Useful; Highly Productive. Immense Thanks to All the Resource Speaker Prof.Dr.I.Joe Louis Paul /Department of Information Technology-DoIT / SSN College of Engineering- Chennai & Huge Thanks to Organizers Electronics Club-Department of E C E / Kings College of Engineering- Punalkulam for having Organized & Conducted this Wonderful Insights Webinar Towards the Preeminent Awareness on "Role of IoT in Current Pandemic of COVID-19".This Comment is From: +Prof.Dr.I.Manavalan/ HSE Consultant Advisor/ Tiruchirappalli /Tamilnadu/ India/ Contact Mobile Cum What'sApp Number: 09442288921/ Date: 27-05-2021.

Excellent

Nice

no

Informative session



## **Chief Guest Profile**

**Dr. I. Joe Louis Paul**  
**B.E., M.E., Ph.D.**

Associate Professor

Email: joelouisi@ssn.edu.in

Extn: 368

### **Sri Sivasubramaniya Nadar (SSN) College of Engineering**

Rajiv Gandhi Salai (OMR)

Kalavakkam – 603 110

Tamil Nadu, India

**I. Joe Louis Paul** has more than 21 years of teaching experience and 13 years of research experience. He received his B.E (EEE) degree with a first class from Karunya Institute of Technology, Coimbatore, Bharathiar University, M.E. (CSE) degree with a first class with distinction from Mepco Schlenk Engineering College, Sivakasi, Madurai Kamaraj University and Ph.D. degree from Anna University Chennai in the area of error control coding.

### **Academic Experience**

He started his career as a lecturer in the Department of EEE, Alagappa Chettiar Government College of Engineering and Technology, Karaikudi in the year 1998. After earning his masters, he joined as a lecturer in the Department of IT, Mepco Schlenk Engineering College, Sivakasi in the year 2002. Then, he joined SSN College of Engineering in the year 2005 and he is currently working as an Associate Professor in the Department of IT. He has organized/attended many externally/internally funded Conferences /Workshops / Seminars/Guest Lectures at National and International level.

### **Subjects Taught**

He has taught the courses like Computer Architecture, Wireless Communication, Mobile Computing, Mobile Communication, Principles of Compiler Design, Information Theory and Coding, Operating Systems, Information Coding Techniques, Visual Programming, Multimedia Systems, Digital Signal Processing, Object Oriented Programming, Software Engineering and Artificial Intelligence for UG programmes and System Programming and Operating Systems, Wireless Networks and Multimedia Compression Techniques for PG Programme.

### **Research Interests**

His current research areas of interest include Error Control Coding, Wireless Communication and Internet of Things (IoT).



## Project Guidance

He has guided about 63 UG projects and 14 PG projects so far

## Professional Memberships

He is an active member of various professional bodies including ACM, IEEE, ISTE, IETE and CSI. He is also an active reviewer for reputed publishers like IEEE, IET and Springer. He is also serving as the Technical Programme Committee member in various National and International conferences. He is the recognized coach for The ACM- International Collegiate Programming Contest (ACM- ICPC) from 2006 onwards. He is also a recognized faculty by National Entrepreneurship Network (NEN) for teaching Entrepreneurship in NEN recognized member Institutions across the country.

## Honors And Awards Received

1. Received the Teacher par Excellence awards from SSN Trust for the academic years 2005-2006, 2006-2007, 2007-2008, 2009-2010, 2010-2011, 2011-2012, 2012-2013 and 2015-2016 to his credit.
2. Received 3 best paper awards for his research papers presented in IEEE sponsored International conferences.
3. Received best poster award in International Conference organized by Department of IST, College of Engineering, Guindy, Anna University, Chennai.
4. Received best project award in the International Conference organized by Department of CSE, SSN College of Engineering, Chennai.

Funded Projects:

Title	Cost in lakhs	Duration (Years)	Funding Agency	Role	Status
SSN – Indoor navigation system (SSN-INS)	3	2018-2020	SSN Trust	Co-PI	Ongoing
Disaster management system-Next generation	3.05	2015 – 2017	SSN Trust	PI	Completed



**Webinar**

**REPORT**

**on**

**Fundamentals of Antenna and It's Design  
Tools**

**Held on**

**27/02/2021**

**Co-ordinators**

**Mr.P.Raja Pirian AP/ECE**

**Mr.W.Newton david Raj AP/ECE**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
KINGS COLLEGE OF ENGINEERING PUNALKULAM**



## REPORT

A Webinar on **Fundamentals of Antenna and It's Design Tools** was organized by Department of Electronics and Communication Engineering on 27-02-2021 at 11.00 a.m. to 12.00 noon, to motivate the students to involve in Antenna Domain and also the students to get more ideas on latest tools in smart antenna design.

The program was delivered via Google meet.

Google Meet Link : <https://meet.google.com/myk-osjm-wuu>

Ms.T.Swetha, **PG Student –Wireless Technology, Anna University (MIT Campus), Chennai** was the resource person.

The webinar begins at 11.00 a.m, Mr.P.Raja Pirian AP/ECE welcomes the resource person and the gathering, followed by Ms.G.Latchaya Sri, UG Student, introduced the chief guest. Mrs.N.Mangaiyarkarasi, HoD/ECE delivered the inaugural address.

Ms.T.Swetha, briefed the concepts of Antenna, Basic Electromagnetic Theory, Boundary Conditions and Excitations, Computational Electromagnetics, HFSS simulation basics and analysis setup, Reconfigurable Antennas · MIMO Antennas , Metamaterial Design and Analysis.

In her presentation, she demonstrates a simple smart antenna and shows the simulation and the technology of fabrication also. Finally she explains the need for antenna designers towards communication sectors such as Mobile, Satellite and Radar etc.

The students were actively involved in the entire sessions. Finally Mrs.U.Jeyamalar, AP/ECE delivers the vote of thanks.

Total of 114 students were participated in the workshop; 105 students from our college and the remaining participants from other Engineering colleges from Tamilnadu.

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## ANNEXURES

**20<sup>th</sup> Year of Academic Excellence**

**KINGS COLLEGE OF ENGINEERING**  
Recognized under 2013, 2019, 2020, A NAAC Accredited A, ISO Certified Institution  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.  
PONDICHERRY - 605 006, NEAR THIRUVARUR

**IEEE**  
STB16621

**CERT**

**Department of Electronics & Communication Engineering**  
**Organizes**  
**Webinar**  
**on**  
**Fundamentals of Antenna and its Design Tools**

**Date : 27-02-2021 (Saturday)**  
**Time : 11 : 00 a.m. - 12.00 p.m.**

**Resource Person**

**Ms.T.SWETHA**  
Alumni of Kings College of Engineering  
**PG SCHOLAR**  
Anna University, Chennai.

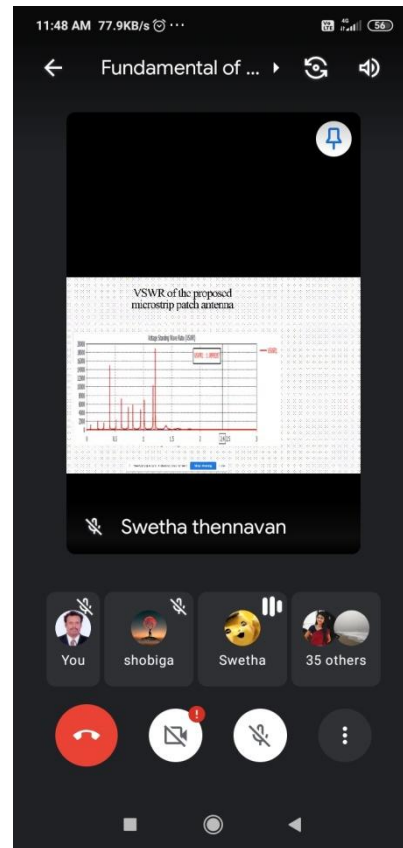
 Google Meet

**Mr.P.Raja Pirian & Mrs.U.Jeya Malar**  
Coordinators

**Mrs.N.Mangaiyarkarasi**  
HoD / ECE

**Dr.J.Arputha Vijaya Selvi**  
Principal

**Registration Link : <https://tinyurl.com/antennadesign>**



Resource Person Presenting the Webinar

*Ph*  
6/4/21  
coordinator

*J. Mangaiyarkarasi*  
6/4/2021

*Swetha*  
HOD/ECE. 6/4/21



**Webinar**

**REPORT**

**on**

**Fundamentals of VLSI and Introduction to  
FPGA**

**Held on**

**13/03/2021**

**Co-ordinators**

**Mr.P.Raja Pirian AP/ECE**

**Mr.W.Newton David Raj AP/ECE**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
KINGS COLLEGE OF ENGINEERING PUNALKULAM**



## REPORT

A Webinar on **Fundamentals of VLSI and Introduction to FPGA** was organized by Department of Electronics and Communication Engineering on 13-03-2021 at 11.00 am to 12.00 pm, to motivate the students to involve in VLSI Domain and also the students to get more ideas on Digital system design using FPGA.

The program was delivered via Google meet and kings YouTube Channel.

Google Meet Link : <https://meet.google.com/myk-osjm-wuu>

YouTube Link : <https://youtu.be/vMG24DREkes>

Ms.R.Hinduja, **PG Student – M.E.VLSI Design, Kings College of Engineering, Thanjavur** was the resource person.

The webinar begins at 11.00 a.m, Mr.P.Raja Pirian AP/ECE welcomes the resource person and the gathering, followed by Ms.P.Lincy Freeda, UG Student, introduced the chief guest. Mrs.N.Mangaiyarkarasi, HoD/ECE delivered the inaugural address.

Ms.R.Hinduja briefed the basic concepts of VLSI such as Gates, Flip Flops, Multiplexers and how the other digital logic circuits are established using these basic blocks. She explained a lot about how the VLSI concepts are used in real time applications such as communication field, signal processing field. She also explained the latest developments in VLSI and the demands in the job market for the VLSI Design. She motivates the students to prefer core field for their better future.

The students were actively involved in the entire sessions. This session was interactive also. Finally Mr.W.Newton David Raj, AP/ECE delivers the vote of thanks.

Total of 137 students were participated in the workshop; 130 students from our college and the remaining participants from other Engineering colleges from Tamilnadu.

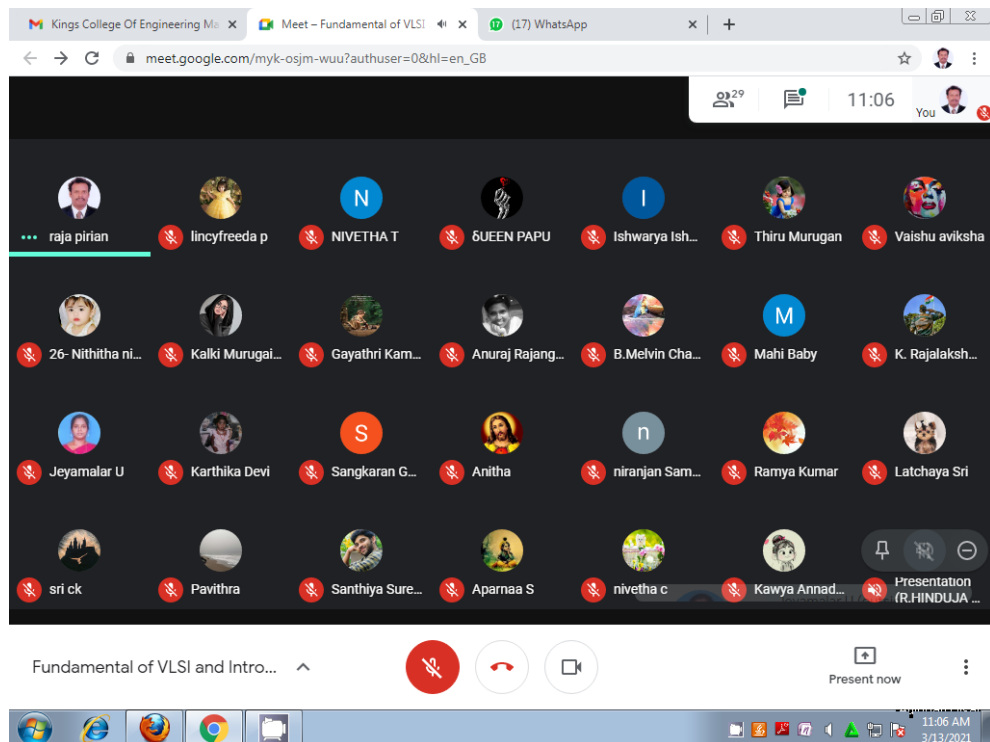
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## ANNEXURES

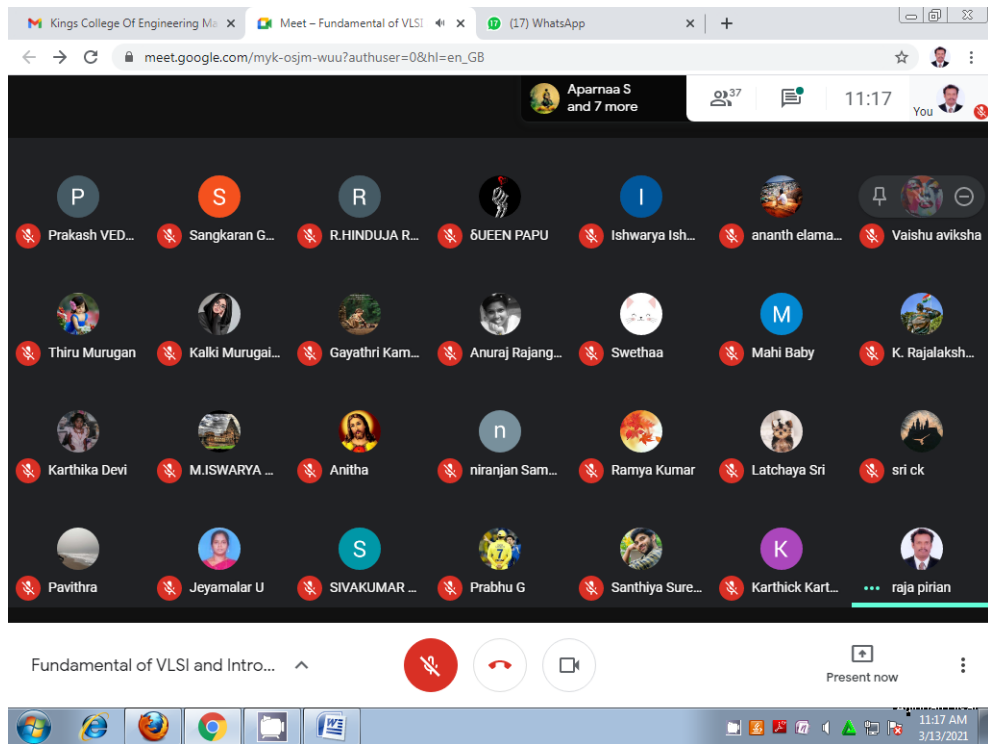


Poster for the Webinar

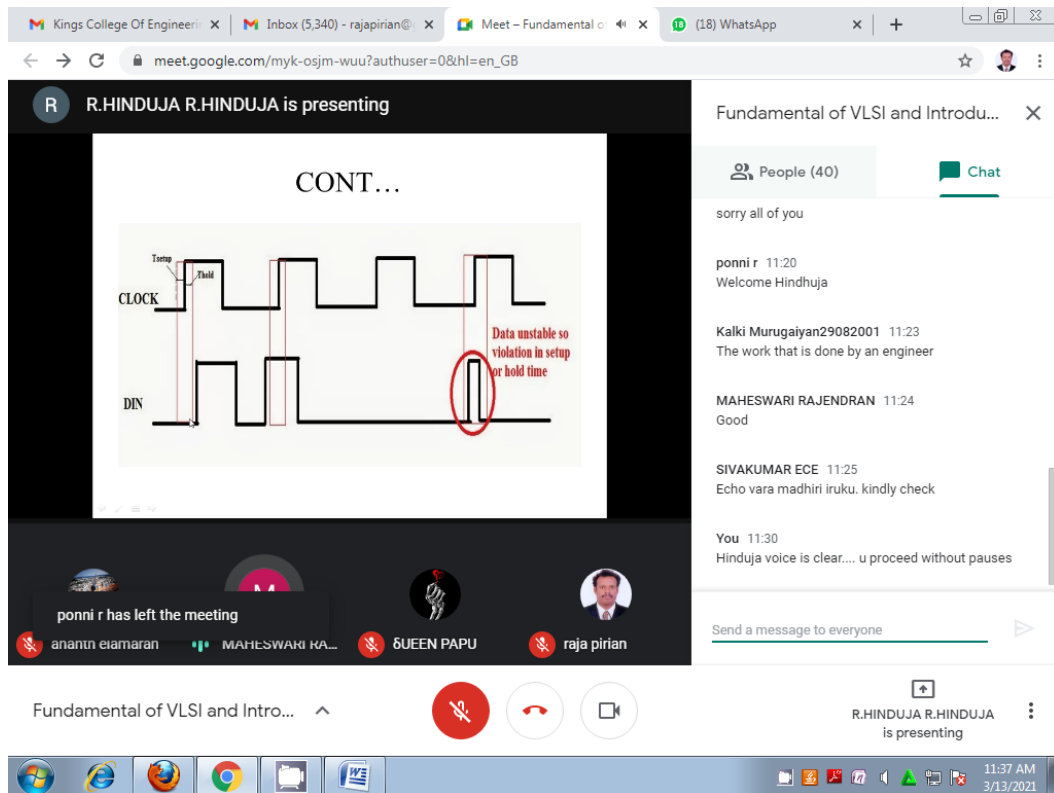


Active Participants





**Mr.P.Raja Pirian Delivering Welcome Address**



**Resource Person Presenting the Webinar**



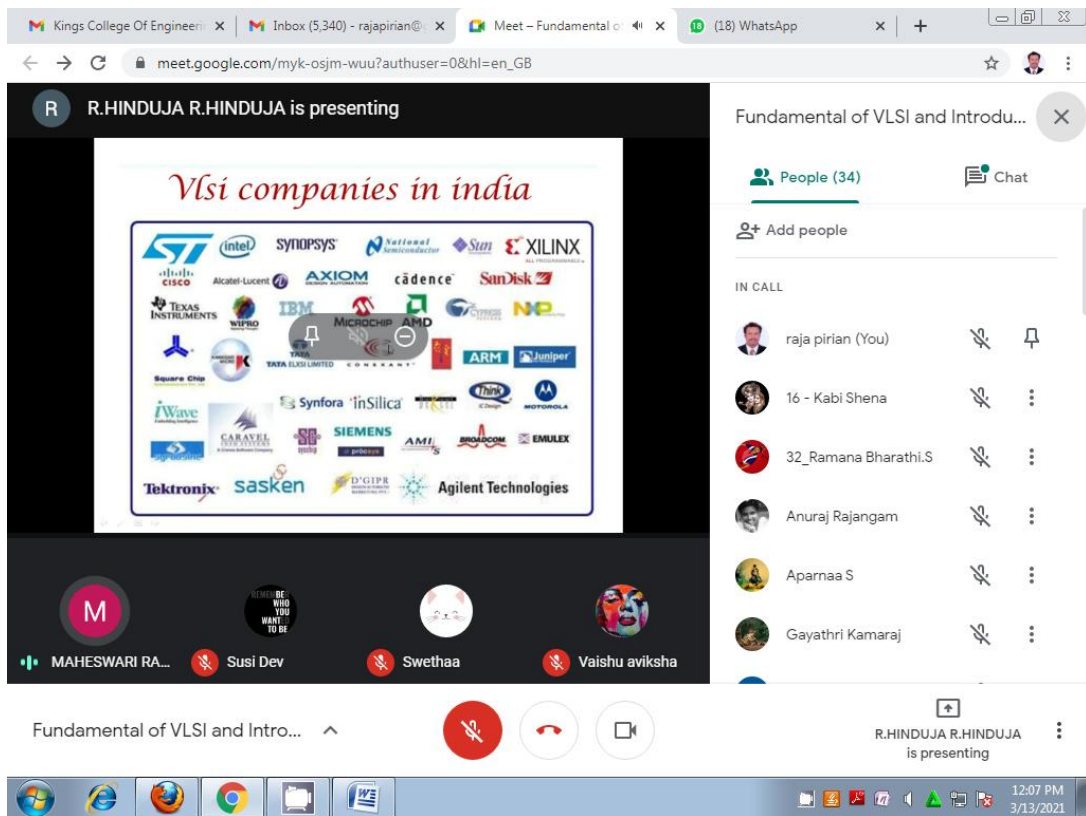


Fig: Resource Person Presenting the Webinar

*ph*  
6/4/21  
coordinator

*J. Ramesh*  
6/4/2021

*[Signature]*  
HOD/ECE, 6/4/21



# **REPORT**

## **Webinar on FSOC: Design Challenges**

**Jointly organized by  
Department of Electronics and Communication Engineering**

**On  
19<sup>th</sup> JUNE 2020 | 11 :00 to 12:00 PM  
@  
Google Meet**

**Prepared By  
A.Herald AP/ECE**





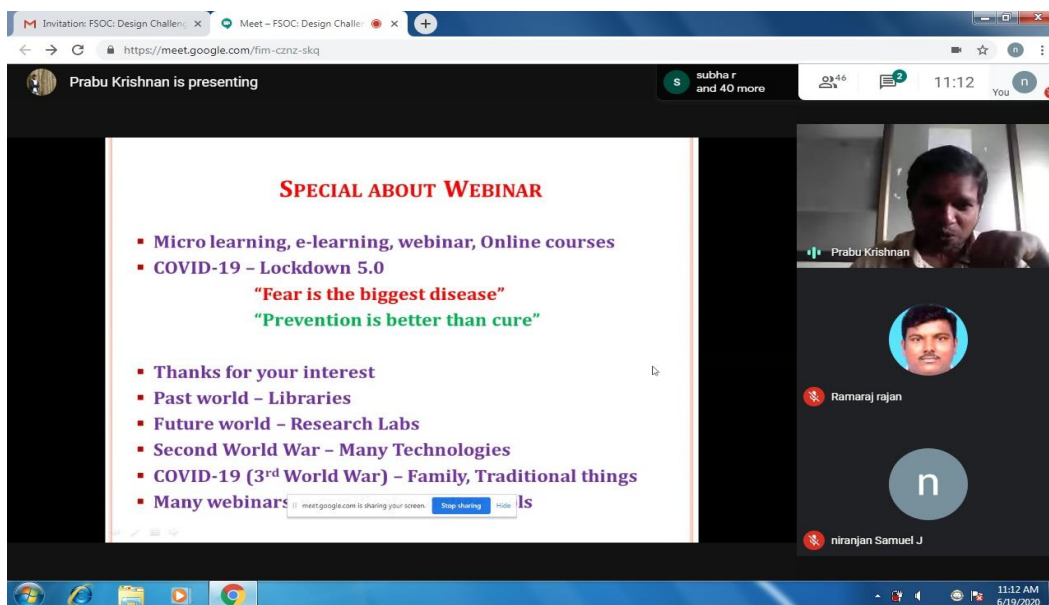
## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Report:

Department of Electronics and Communication Engineering and R&D Section, has jointly organized a webinar on “**FSOC:Design Challenges**” on 19th June 11.00 to 12.00 PM @ Google Meet. **Dr.K.Prabu, National Institute of Technology, Suratkal, Karnataka**, was the resource person.

The main **objective** of the webinar was to disseminate the knowledge in the field of Free Space optical Communication (FSOC).

The webinar started by 11.00 a.m. as per the schedule with the registered participants from reputed institutions. Mr.J.Niranjan Samuvel JRF/ECE, welcomed the participants and Mr.S.Ramarajan, AP/ECE introduced the chief guest. The session began with talk about “**FSOC:Design Challenges**” by **Dr.K.Prabu**. In his lecture, he covered the Importance, history, applications and Recent Trends of FSOC and also discuss the Challenges and Research avenues of FSOC. All the participants were actively participated in the session. Participants interacted with the resource person using the chat window effectively to clear their queries and learn the concepts. The session ended at 12.30 p.m. with feedback. The entire programme was scheduled and coordinated by Mr.A.Herald, AP/ECE, Mr.S.Ramarajan, AP/ECE and Mr.J.Niranjan Samuel, JRF.



**Webinar Presentation by Dr.K.Prabu, NIT-Suratkal, Karnataka.**



## Pre Process

The webinar process began on 12/06/2020. Poster and registration form links were circulated through WhatsApp and e-mail. Nearly 187 members from various Institutions registered for the webinar. Invitations and reminder were sent to all the registered participants.



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Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.

## Department of Electronics and Communication Engineering organizes

### Webinar on FSOC : Design Challenges

For Registration



scan here



**Dr. K. Prabu**  
Assistant Professor/ECE  
National Institute of Technology-K,  
Surathkal, Karnataka



E-Certificates will be provided

#### Coordinators

Mr. S. Ramarajan, AP/ECE | Mr. A. Herald, AP/ECE | Mr. J. Niranjan Samuel, JRF/ECE

#### Convener

Mrs. N. Mangaiyarkarasi  
HOD/ECE





#### Patron

Dr. J. Arputha Vijaya Selvi  
Principal

Poster of Webinar



**Model Certificate:**

 INSTITUTION'S INNOVATION COUNCIL <small>(Ministry of IITs Initiative)</small>	 <b>KINGS</b> COLLEGE OF ENGINEERING	
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<p align="center"><b>Webinar on Design of Solar PV System for Home Certificate</b></p>		
<p align="center">This is to certify that <b>Dr. G. Karthikeyan</b> Sona College of Technology</p>		
<p>has participated in the Webinar on <b>Design of Solar PV System for Home</b> organized by Department of Electronics and Communication Engineering and R&amp;D Section, Kings College of Engineering, Punalkulam on 12-05-2020.</p>		
<p>Cert. ID: KCE-W-3-013</p>		
Co-ordinators Mr.P.Raja Pirian & Mr. J. Niranjan Samuel	HOD Mrs.N.Mangalyarkarasi	Principal Dr.J.Arputha Vijaya Selvi
<p align="center">This is electronically generated certificate and does not need any signature</p>		

-----



**Prabu K**

**Assistant Professor**

**Department of Electronics and Communication Engineering**

**National Institute of Technology Karnataka - Surathkal**

**P.O. Srinivasnagar, Mangalore – 575025, Karnataka, INDIA**

**E-mail: prabuk [at] nitk [dot] edu [dot] in**

**nitprabu [at] gmail [dot] com**

**Professional Experience:**

**Total: 8 years**

**Academic Background**

Ph.D.: National Institute of Technology (NIT), Tiruchirappalli, April 2015,

M.E: Madras Institute of Technology (MIT), Anna University, 2010,

B.E: Anna University, Chennai, 2007.

**Areas of Interest**

- Wireless Optical Communication (FSO, VLC, Underwater)
- Optical Communication
- Wireless Communication
- Optical Sensors
- Nano-Photonics
- Photonic Crystal Fibers
- 5G
- Antennas
- IoT
- AI Enabled Wireless Communication

**Significant Projects**

1. Project Title: Performance Analysis and Enhancement of Radio over Free Space Optical Communication System for 5G Applications for Smart Cities

Role : Principal Investigator

Duration : 2019 - 2021

Funding Agency : SERB - DST, Govt of India

Total Budget : Rs. 28,06,000/-

**Supervision of Ph.D**

1. N Vijaya Ratnam

2. Bhargav Kumar

3. Santhosh A Janawade

4. Abhishek Kumar

**Number of Publications**

**International Journals:50**

**Books**

1. “Microwave Engineering Theory and Techniques” – David M Pozar, Wiley, WILEY India  
Adaptation, Content contribution for Indian Adaptation by Prabu K, Santosh A. Janawade.



### **Book Chapters**

1. A chapter author for a book “Principles and Applications of Free Space Optical Communication”, IET Publications. Title of the chapter is “Performance analysis and mitigation of turbulence effects using spatial diversity techniques in FSO systems over combined channel”, 2019.
2. A chapter author for a book “Turbulence and Related Phenomena”, IntechOpen. Title of the chapter is “Performance analysis of FSO systems over atmospheric turbulence channel for Indian weather conditions”, 2019.

### **International Conferences:10**

### **Achievements**

- o Awarded Government of “India's University Grant Commission (UGC)” Fellowship during my Master of Engineering [2010-12]
- o Recipient of “Technical Education Quality Improvement Programme (TEQIP)” Scholarship [2012-2015] for Ph.D.
- o Awarded “TEQIP International Foreign Travel Grant” for visiting Laboratory facilities at NTU Singapore, attending an International Conference ICWOC 2014, NTU Singapore.
- o Recipient of “Good Researcher” awards at VIT University Vellore for the last two consecutive years 2017 and 2016.
- o Recipient of “Good Reviewer” award from Elsevier during 2015.
- o Invited speaker for Inauguration of IEEE Photonics Chapter – Chennai Section, VIT University, Chennai, 2017.
- o Invited speaker for Inauguration of One-day Lectures on Optical Wireless Communications (WOC), sponsored by IEEE Photonics Chapter – Bangalore chapter, IISc, Bangalore, Dec., 2018.

### **Professional Membership:**

1. Senior Member, IEEE





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# **A REPORT**

## **ON**

### **LIVE ONLINE WEBINAR TITLED**

**"ANTENNAS FOR HEALTH CARE APPLICATION"**

**10<sup>th</sup> JUNE 2020**



**Organized by**  
**Department of Electronics and Communication Engineering**  
**KINGS COLLEGE OF ENGINEERING, PUNALKULAM**

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**(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)**

**Phone : 04362-282474, 282395**

**Website : [www.kingsindia.net](http://www.kingsindia.net)**



## **A Glimpse on the Background of Webinar:**

In Kings College of Engineering, Department of Electronics and Communication Engineering, has organized a online Webinar titled “**ANTENNAS FOR HEALTH CARE APPLICATION**” on 10<sup>th</sup> June 2020, from 11.30 a.m to 12.30 p.m.

The main objective of this Webinar is to utilize the lockdown period by providing the basic knowledge about the antennas for health care application.

Under the guidance of our Principal, Dr. J. Arputha Vijaya Selvi, we hosted this Webinar. Mrs. N.Mangaiyarkarasi, HOD/ECE was the convener of our webinar. Mr.W.Newton David Raj, AP/ECE, Mr.T.Jeyaseelan, AP/ECE & Mr.J.Niranjana Samuel, JRF/ECE-R&D were the program coordinators.

## **OVERVIEW OF THE WEBINAR:**

### **ABOUT THE RESOURCE PERSON:**

The resource person for the webinar was Dr.T.Anita Jones., M.E., Ph.D, Assistant Professor, Department of Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore.

### **ABOUT THE REGISTRATION PROCESS:**

The webinar was planned to conduct via Google Meet platform. The registration link was created through Google forms and the link was posted in various WhatsApp groups.

### **Registration Link:**

<https://forms.gle/qahuNXRQUmdDGM879>

We have received 150 responses from various institutions. Before one day of the Webinar, we have stopped receiving the registration response. For all the registered participants we gave the confirmation mail for our Webinar participation.

On that day of the program, the webinar google meet link was given to all the registered participants 1 hour before the commencement of the program through their E-Mail Id.



## **ABOUT THE WEBINAR:**

- ✓ The webinar was started at 11.30 a.m with 102 participants.
- ✓ Mrs.P.Thirumagal,AP/ECE welcomed the resource person and the participants by the words, and also introduced the Resource person. Then the session was handed over to the Resource person.
- ✓ Resource person gave very clear explanation about the Title of the “**Antennas for Health Care Applications**” through the following sub-topics:
  - ❖ Body-Worn Antennas and External Antennas
  - ❖ PIFA IN CAD FEKO
  - ❖ Microstrip Patch Antenna Calculator
  - ❖ Meander Line PIFA Antenna
  - ❖ Wearable Antenna on body
  - ❖ Implantable Antenna
  - ❖ Spiral Patch Structure
  - ❖ Research Challenges.
  - ❖ Specific Absorption Rate(SAR)
  - ❖ Heterogeneous and Homogenous Brain Model for Tumor Detection
  - ❖ Biocompatible
  - ❖ Capsule Endoscopy Phantom
  - ❖ Health Issues
- ✓ Finally she gave some real time demo by using the feko and also given the software student edition link to the interested participants.
- ✓ At 12.30 p.m she comes to the end of the session. The queries were asked by the participants for 15 minutes..She gave the answers for all the queries. At 12.30 p.m one of this webinar coordinator Mr.J.Niranjan Samuel ,JRF/ECE-R&D have posted the Feedback link Via the chat box.
- ✓ Finally, coordinator Mr.W.Newton David Raj,AP/ECE of this webinar gave the vote of thanks with words. Thus the program ended successfully.

## **OUTCOME:**

- ✓ We received 150 registration from 80 various Institutions.
- ✓ Among the 150 registered participants 102 have attended the session.
- ✓ All the 102 participants gave the feedback about the webinar via the Feedback Link.



✓ The E-Certificate was provided to all the attendees through their E-mail id.

✓

## BROCHURE

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Pondicherry, Gounderahottai Taluk, Pudukkottai District - 612 305.

**Department of Electronics and Communication Engineering organizes**

**Webinar on Antennas for Health Care Application**



**Dr. T Anita Jones Mary Pushpa, M.E., Ph.D**  
Asst. Professor (ECE),  
Karunya Institute of Technology & Sciences  
Coimbatore

**For Registration**



**10.06.2020**

**11:30 a.m. - 12:30 p.m.**

**E-Certificates will be provided.**

**Registration Link:**  
<https://forms.gle/qahuNXRQUmdDGM879>

**Coordinators**  
Mr. T. Jeyaseelan, AP/ECE      Mr. W. Newton David Raj, AP/ECE  
Mr. J. Niranjan Samuel, JRF/ECE-R & D

**Convener**  
Mrs. N. Mangaiyarkarasi  
HOD/ECE

**Patron**  
Dr. J. Arputha Vijaya Selvi  
Principal





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Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.

# A REPORT

## ON

### LIVE ONLINE WEBINAR TITLED

**"MODERN ANTENNA DESIGN CHALLENGES"**

**06<sup>th</sup> JUNE 2020**



**Organized by**  
**Department of Electronics and Communication Engineering**  
**KINGS COLLEGE OF ENGINEERING, PUNALKULAM**

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Phone : 04362-282474, 282395

Website : [www.kingsindia.net](http://www.kingsindia.net)



## **A Glimpse on the Background of Webinar:**

In Kings College of Engineering, Department of Electronics and Communication Engineering, has organized a online Webinar titled “**MODERN ANTENNA DESIGN CHALLENGES**” on 06<sup>th</sup> June 2020, from 11.00 a.m to 12.00 p.m.

The main objective of this Webinar is to utilize the lockdown period by providing the basic knowledge about the modern antenna design challenges.

Under the guidance of our Principal, Dr. J. Arputha Vijaya Selvi, we hosted this Webinar. Mrs. N.Mangaiyarkarasi, HOD/ECE was the convener of our webinar. Mr.W.Newton David Raj, AP/ECE, Mrs.P.Thirumagal, AP/ECE were the program coordinators.

## **OVERVIEW OF THE WEBINAR:**

### **ABOUT THE RESOURCE PERSON:**

The resource person for the webinar was Dr.D.Sugumar,M.E.,Ph.D,Assistant Professor, Department of Electronics and Communication Engineering, Karunya Institute of Technology and Sciences, Coimbatore.

### **ABOUT THE REGISTRATION PROCESS:**

The webinar was planned to conduct via Google Meet platform. The registration link was created through Google forms and the link was posted in various WhatsApp groups.

### **Registration Link:**

<https://forms.gle/z9iGBvyVY3nFDIDf8>

We have received 300 responses from various institutions. Before one day of the Webinar, we have stopped receiving the registration response. For all the registered participants we gave the confirmation mail for our Webinar participation.

On that day of the program, the webinar google meet link was given to all the registered participants 1 hour before the commencement of the program through their E-Mail Id.



## **ABOUT THE WEBINAR:**

- ✓ The webinar was started at 11.00 a.m with 141 participants.
- ✓ Mr.W.Newton David Raj, AP/ECE coordinator of this webinar welcomed the resource person and the participants by the words, and also introduced the Resource person. Then the session was handed over to the Resource person.
- ✓ Resource person gave very clear explanation about the Title of the “**Modern Antenna Design Challenges**” through the following sub-topics:
  - ❖ Design of Antennas upto 6 GHz and above 6 GHz
  - ❖ Applications
  - ❖ What is Modern?
  - ❖ 5G Antennas?
  - ❖ Antenna Design and Placement
  - ❖ Special Applications
  - ❖ How to design the antenna?
  - ❖ General Antenna Design Process & Challenges.
  - ❖ Requirements and Specifications-1 and 2
  - ❖ Substrate Materials Availability
  - ❖ Solver
  - ❖ Solver Requirement
  - ❖ Full Wave Methods(Rigorous Methods)
  - ❖ Asymptotic Methods(High-Frequency Approximation)
  - ❖ MTL(Multiconductor Transmission Line)
  - ❖ System Requirement
  - ❖ Half-wave Wire Dipole Example
  - ❖ Consultancy on Antenna
- ✓ Finally he gave some real time demo by using the feko and also given the software student edition link to the interested participants.
- ✓ At 12.15 p.m he comes to the end of the session. The queries were asked by the participants for 15 minutes..He gave the answers for all the queries. At 12.30 p.m we have posted the Feedback link Via the chat box.



### **Feedback Link:**

- ✓ Finally, Mrs.P.Thirumagal,AP/ECE coordinator of this webinar gave the vote of thanks with words. Thus the program ended successfully.

### **OUTCOME:**

- ✓ We received 300 registration from 119 various Institutions.
- ✓ Among the 300 registered participants 142 have attended the session.
- ✓ All the 142 participants gave the feedback about the webinar via the Feedback Link.
- ✓ The E-Certificate was provided to all the attendees through their E-mail Id.

### **BROCHURE**

**INSTITUTION'S INNOVATION COUNCIL**  
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**IEEE**

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Punalkulam, Gandarvakottai Taluk, Pudukottai District - 613 303

**GOVERNMENT CERT ISO 9001**

## **MODERN ANTENNA DESIGN CHALLENGES**

Organized by  
Department of  
Electronics & Communication Engineering

**Dr. D. Sugumar, M.E., Ph.D**  
Asst. Professor (ECE)  
Karunya Institute of Technology & Sciences  
Deemed University  
Coimbatore

06.06.2020 | 11 AM TO 12 PM  
E-Certificate will be provided

**Co-ordinators**

Mr. W. Newton David Raj  
AP / ECE  
**Convener**

Mrs. N. Mangaiyarkarasi  
HOD / ECE

Ms. P. Thirumagal  
AP / ECE  
**Patron**

Dr. J. Arputha Vijaya Selvi  
Principal

**<https://forms.gle/z9iGBvyVY3nFDJDf8>**  
Registration Link



# A REPORT

ON

**LIVE ONLINE WEBINAR TITLED  
"AGILE METHODOLOGY".**

**01<sup>st</sup> JUNE 2020**



**Organized by**

**Department of Electronics and Communication Engineering  
KINGS COLLEGE OF ENGINEERING, PUNALKULAM**

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### **A Glimpse on the Background of Webinar:**

In KCE, Department of Electronics and Communication Engineering, has organized a online Webinar titled "AGILE METHODOLOGY" on 01<sup>st</sup> June 2020 from 11.00 a.m to 12.00 p.m.

The main objective of this Webinar is to utilize the lockdown period by providing the basic knowledge about the Agile Methodology.

Under the guidance of our Principal, Dr. J. Arputha Vijaya Selvi, we hosted this Webinar. Mrs. N.Mangaiyarkarasi, HOD/ECE was the convener of our webinar. Mrs.R.Ponni, AP/ECE, Mr.R.Sathyaraj, AP/ECE & Mrs.D.Vennila, AP/ECE were the program coordinators.

### **OVERVIEW OF THE WEBINAR:**

#### **ABOUT THE RESOURCE PERSON:**

The resource person for the webinar was Mr.S.Srinath, Technical Lead, Tata Consultancy Services, Chennai.

#### **ABOUT THE REGISTRATION PROCESS:**

The webinar was planned to conduct via Google meet platform. The registration link was created through Google forms and the link was posted in various Whats app groups.

**Registration Link:** <https://tinyurl.com/KCEAgile>.

We have received 260 responses from various institutions. Before one day of the Webinar, we have stopped receiving the registration response. For all the registered participants we gave the confirmation mail for our Webinar participation. Then the registered participant were asked to join in our Whats App group named " KINGS WEBINAR ON AGILE METHODOLOGY". On that day of the program, the webinar Google meet link was given to all the registered participants 1 hour before the commencement of the program through their E-Mail Id and also through the Whats App group.

#### **ABOUT THE WEBINAR:**

The webinar was started at 11.00 a.m with 204 participants. Mrs. D.Vennila, AP/ECE coordinator of this webinar welcomed the resource person and the participants by the words and she gave



the Introduction about the Resource person. Then the session was handed over to the Resource person. He gave very clear explanation about the title of the Webinar.

AGILE methodology is a practice that promotes continuous iteration of development and testing throughout the software development lifecycle of the project. Both development and testing activities are concurrent unlike the Waterfall model.

Finally he gave some real time examples of Agile methodology.

At 11.55 she comes to the end of the session. The queries were asked by the participants for 10 minutes. He gave the answers for all the queries. At 12.10 p.m we have posted the Feedback link Via the chat box.

**Feedback Link:** <https://forms.gle/NccfwsNkFoZdYkpH6>

Finally, Mr. R.Sathyaraj, AP/ECE coordinator of this webinar gave the vote of thanks with a word. Thus the program ended successfully.

#### **OUTCOME:**

We received 260 registrations from 138 various Institutions.

Among the 260 registered participants 204 have attended the session.

All the 204 participants gave the feedback about the webinar via the Feedback Link.

The E-Certificate was provided to all the attendees through their E-mail Id.

*R. Sathyaraj*  
Coordinator(s)


*[Signature]*  
5/6/2020  
HOD/ECE .

*[Signature]*  
5/6/2020




## Annexure: I

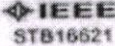
### BROCHURE



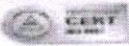
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Pondicherry, Gandhinagar Road, Pudukkottai District - 615 008

## Webinar on AGILE METHODOLOGIES


Organized by  
Department of  
Electronics and Communication Engineering




**Srinath S**  
Technical Lead  
TCS  
Chennai



01.06.2020  
Monday



11:00 - 12:00 noon



Google Meet

Registration link: <https://tinyurl.com/KCEAgile>

**Coordinators**  
Mrs. R. Ponni, AP/ECE | Mrs. D. Vennila, AP/ECE | Mr. R. Sathiyaraj, AP/ECE

**Convener**  
Mrs. N. Mangalyarkarasi  
HOD/ECE

**Patron**  
Dr. J. Arputha Vijaya Selvi  
Principal



**Annexure: II**  
**Registration Details**

<b>S.NO</b>	<b>Name of the Institution</b>	<b>CITY</b>	<b>No. of Participants</b>
1.	A.V.C. College of Engineering	Nagapattinam	01
2.	Ahalia school of engineering and technology	Palakkad	01
3.	Amity University Lucknow	Lucknow	01
4.	Amrita Polytechnic College	Nagercoil	02
5.	Annamacharya institute of technology and sciences	Kadapa, Andhra Pradesh	03
6.	Apj Abdul kalam university, indore	GANGAVATHI	01
7.	Arunachala college of engineering for women	Marthandam	03
8.	Arunachala college of engineering for women	Nagercoil	01
9.	Arunai Engineering College	Tiruvannamalai Tamil	01
10.	AUDISANKARA INSTITUTE OF TECHNOLOGY	NELLORE	01
11.	AVC COLLEGE OF ENGINEERING	MAYILADUTHURAI	01
12.	BANNARI AMMAN INSTITUTE OF TECHNOLOGY	ERODE	11
13.	Basaveshvar Engineering College	Bagalkot	14
14.	Bethlahem Institute of Engineering	Marthandam	01
15.	Bharath Corporate, India	Coimbatore	02
16.	Bharath Institute of Higher Education and Research	Chennai	01
17.	BHIMAVARAM INSTITUTE OF ENGINEERING AND	BHIMAVARAM	01
18.	Bholabhai Patel College of Computer Studies	Gandhinagar	01
19.	BIT,sathy	Eröde	01
20.	C.ABDUL HAKEEM COLLEGE (AUTONOMOUS)	Ranipet District	01
21.	CAMELLIA INSTITUTE OF ENGINEERING &	Kalyani	01
22.	Chitkara University	BADDI	01
23.	College of engineering roorkee uttarakhand	Haridwar	01
24.	D. Y. Patil Institute of MCA and Management, Akurdi,	Pune	01
25.	D.N.R College of Engineering and Technology	BHIMAVARAM	01
26.	Dhanalakshmi srinivasan engineering college	Perambalur	01
27.	DNR COLLEGE OF ENGINEERING & TECHNOLOGY	Bhimavaram	04
28.	Dr. Rammanohar Lohia Avadh University Ayodhya	Ayodhya	01
29.	Dr.N.G.P ARTS AND SCIENCE COLLEGE	Coimbatore	02
30.	Dr.Umayal Ramanathan College for Women	Karaikudi	01
31.	Er.permula manimekalai college of engineering	Hosur	01
32.	EXCEL BUSINESS SCHOOL	NAMAKKAL	02



33.	Excel College of Engineering and Technology	Namakkal	01
34.	EXCEL POLYTECHNIC COLLEGE	NAMAKKAL	01
35.	Francis Xavier Engineering College	Tirunelveli	07
36.	G Pullareddy engineering college	Kadapa	01
37.	Ganadipathy Tulsi's Jain Engineering College	Vellore	01
38.	GEC BARTON HILL	Trivandrum	01
39.	Gnanamani college of technology	Namakkal	01
40.	Government College of Engineering,Tirunelveli	Tirunelveli	01
41.	GOVT. ARTS AND SCIENCE COLLEGE, GUDALUR,	The Nilgiris	01
42.	IARE	HYDERABAD	01
43.	Jai shriram engineering college	Tirupur	01
44.	Jawaharlal College of Engineering and Technology	Palakkad	02
45.	Jeppiaar engineering college	Chennai	01
46.	Jeppiaar maamallan engineering college	Chennai	03
47.	JEPPIAAR SRR ENGINEERING COLLEGE	Chennai	03
48.	Jerusalem College of Engineering	Chennai	01
49.	K. Ramakrishnan College of Engineering	Trichy	02
50.	K.S.R College of Engineering	Namakkal	01
51.	Kalasalingam Academy of Research and Education	Virudhunagar	01
52.	Karpagam Academy of Higher Education	Coimbatore	02
53.	Karunya Institute of Technology and Sciences	COIMBATORE	01
54.	KEC	Erode	01
55.	Kings College of Engineering	Thanjavur	27
56.	Kings college of engineering	Chennai	01
57.	KLE'S BCA HUBLI	Hubli	01
58.	Kongu engineering college	Dharmapuri	10
59.	KONGUNADU POLYTECHNIC COLLEGE	Trichy	01
60.	KPR INSTITUTE OF ENGINEERING AND	COIMBATORE	01
61.	LNCT BHOPAL	Bhopal	01
62.	Loyola College	Chennai	01
63.	LTI( L&t infotech)	Trichy	01
64.	M.A.M. College of Engineering	Trichy	01
65.	Madanapalle Institute of Technology & Science	Madanapalle	01
66.	MAHENDRA COLLEGE OF ENGINEERING	SALEM	01
67.	Mahendra Engineering College	Mayiladuthurai	01
68.	Mahendra Engineering College	Namakkal	01
69.	Mahendra Institute of Technology	Salem	01
70.	MAILAM ENGINEERING COLLEGE	Villupuram	03

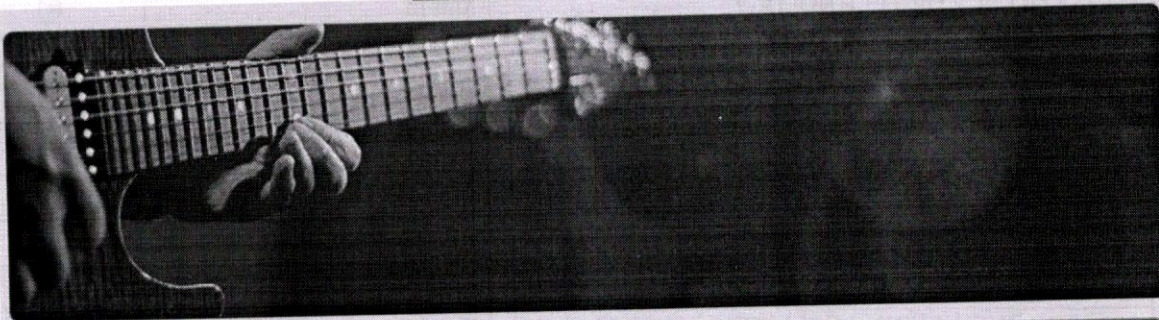


110.	Sethu Institute of Technology	Virudhunagar	02
111.	Shadan Women's College of Engineering and	Hyderabad	01
112.	Shanmuga Industries Arts & Science College,	Tiruvannamalai	02
113.	Shree Rayeshwar Institute of Engineering &	Ponda, Goa	01
114.	Siddaratha institute of science and technology	Puttur	01
115.	SONA COLLEGE OF TECHNOLOGY	Salem	01
116.	Sri krishna college of engineering and technology	Salem	01
117.	Sri Ramakrishna Institute of Technology	Coimbatore	01
118.	Sri Ranganathar Institute of Engineering and	Coimbatore	01
119.	SRI SAI RAM INSTITUTE OF TECHNOLOGY	Chennai	02
120.	Sri Sairam college of engineering	Bangalore	01
121.	Sri venkateshwaraa College of engineering and	Pondicherry	01
122.	SRM TRP ENGINEERING COLLEGE	Trichy	02
123.	SRM Valliammai Engineering College Chennai	Chennai	01
124.	St joseph's college(Autonomous)trichy-02	Trichy	05
125.	St. Peter's College of engineering and technology	Chennai	01
126.	St. Xavier's Catholic College of Engineering	Nagercoil	02
127.	St.Joseph's College of Engineering and Technology	Thanjavur	01
128.	St.Mother Theresa Engineering College	Tuticorin	02
129.	Surya Group Of Institutions	VIKRAVANDI	02
130.	Swamy abedhanandha polytechnic college	Tamilnadu	01
131.	Thiagarajar college of engineering	Madurai	02
132.	Trini-PI Technology Solutions Private Limited	Chennai	01
133.	V.s.b college of my engineering technical campus	Coimbatore	01
134.	VALLEY VIEW UNIVERSITY	EJURA	01
135.	Vel Tech High Tech Dr.RR Dr.SR Engg College Avadi	Chennai	01
136.	Visvesvaraya College of Engineering and Technology	Chennai	01
137.	VSB Engineering College	Vellakovil	01
138.	WOLLO UNIVERSITY, Ethiopia	Kombolcha	01
<b>Total No. of Participants Registered.</b>			<b>260</b>



**Annexure: III**  
**Registration Form**

Questions Responses **260**



## KINGS-Webinar on "AGILE METHODOLOGY".

Kings College of Engineering, Punalkulam, Gandarvakkottai, Pudukkottai D.T.

Webinar date: 01-06-2020 @ 11.00 a.m to 12.00 pm.

Follow this link to join in our Whatsapp group (KINGS WEBINAR - AGILE METHODOLOGY ) for further communication. <https://chat.whatsapp.com/KuXZLpZSq677tD8n0mc6RA>

Email address \*





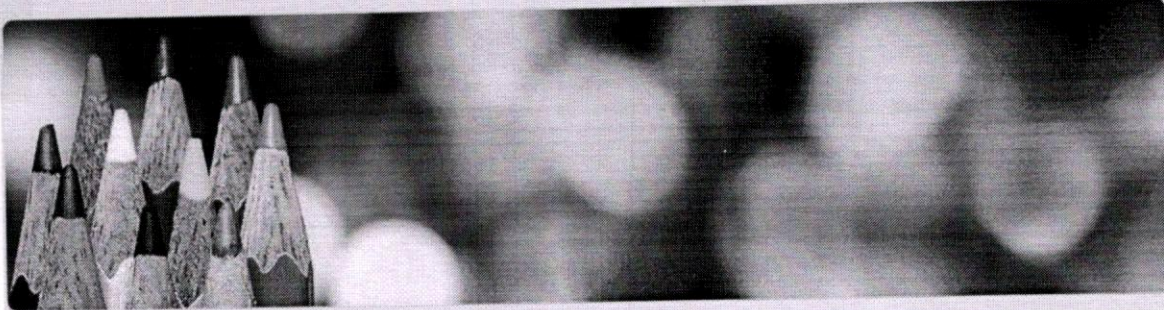
110.	Sethu Institute of Technology	Virudhunagar	02
111.	Shadan Women's College of Engineering and	Hyderabad	01
112.	Shanmuga Industries Arts & Science College,	Tiruvannamalai	02
113.	Shree Rayeshwar Institute of Engineering &	Ponda, Goa	01
114.	Siddaratha institute of science and technology	Puttur	01
115.	SONA COLLEGE OF TECHNOLOGY	Salem	01
116.	Sri krishna college of engineering and technology	Salem	01
117.	Sri Ramakrishna Institute of Technology	Coimbatore	01
118.	Sri Ranganathar Institute of Engineering and	Coimbatore	01
119.	SRI SAI RAM INSTITUTE OF TECHNOLOGY	Chennai	02
120.	Sri Sairam college of engineering	Bangalore	01
121.	Sri venkateshwaraa College of engineering and	Pondicherry	01
122.	SRM TRP ENGINEERING COLLEGE	Trichy	02
123.	SRM Valliammai Engineering College Chennai	Chennai	01
124.	St joseph's college(Autonomous)trichy-02	Trichy	05
125.	St. Peter's College of engineering and technology	Chennai	01
126.	St. Xavier's Catholic College of Engineering	Nagercoil	02
127.	St.Joseph's College of Engineering and Technology	Thanjavur	01
128.	St.Mother Theresa Engineering College	Tuticorin	02
129.	Surya Group Of Institutions	VIKRAVANDI	02
130.	Swamy abedhanandha polytechnic college	Tamilnadu	01
131.	Thiagarajar college of engineering	Madurai	02
132.	Trini-PI Technology Solutions Private Limited	Chennai	01
133.	V.s.b college of my engineering technical campus	Coimbatore	01
134.	VALLEY VIEW UNIVERSITY	EJURA	01
135.	Vel Tech High Tech Dr.RR Dr.SR Engg College Avadi	Chennai	01
136.	Visvesvaraya College of Engineering and Technology	Chennai	01
137.	VSB Engineering College	Vellakovil	01
138.	WOLLO UNIVERSITY, Ethiopia	Kombolcha	01
<b>Total No. of Participants Registered.</b>			<b>260</b>



**Annexure: IV**  
**Feedback Form**

Questions Responses **204**

Total points: 0



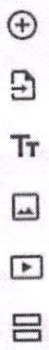
## Feedback Form

Webinar on " AGILE METHODOLOGY" - (01 JUNE 2020)

Email address \*

Valid email address

This form is collecting email addresses. [Change settings](#)



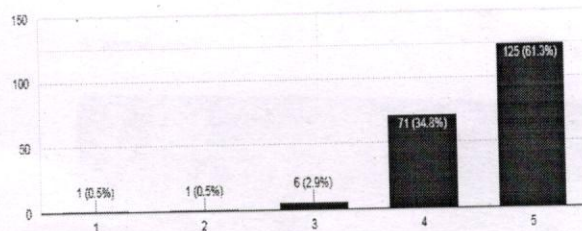


## Annexure: V

### Feedback Response

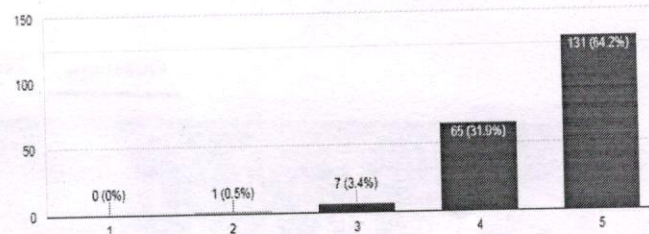
What is your level of satisfaction for the Webinar?

204 responses



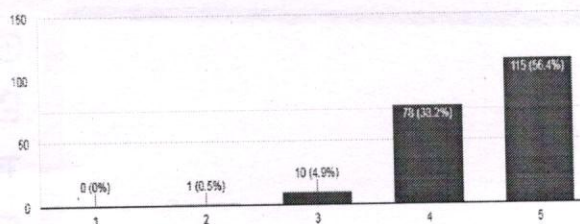
How was the Content of the presentation

204 responses



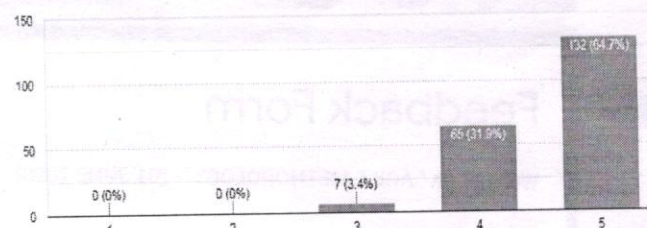
Audio / Video quality

204 responses



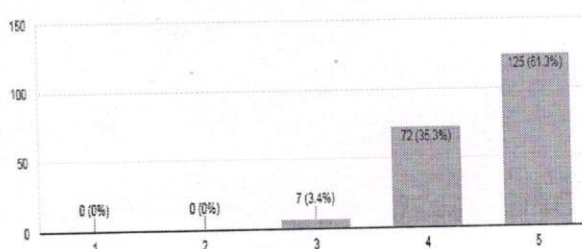
How was the focus of the topic?

204 responses



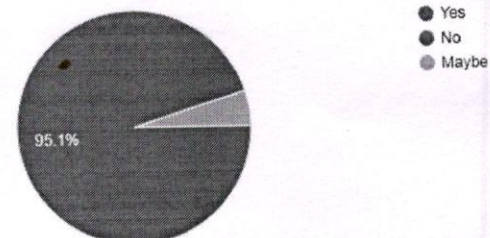
Overall, how would you rate this event

204 responses



Would you like to attend these kind of webinar in future

204 responses





**Annexure: VI**  
**Sample Certificates**



**KINGS COLLEGE OF ENGINEERING**

NAAC Accredited Institution & ISO Certified Institution  
Recognized by UGC under 2(f) & 12(B)  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.

**Certificate of Appreciation**

This is to certify that

**KHADRI S S**

Of

**GOVERNMENT DEGREE COLLEGE, SINDHANUR**

has actively participated in the webinar on

**"AGILE METHODOLOGY"**

Organized by the Dept. of Electronics and Communication Engineering, Kings  
College of Engineering, Punalkulam on 01-06-2020.

<b>Coordinators</b> Mr.R.Sathyaraj, AP/ECE Mrs. D.Vennila, AP/ECE Mrs.R.Ponni, AP/ECE	<b>Convener</b> Mrs.N.Mangaiyarkarasi HOD/ECE	<b>Patron</b> Dr.J.Arputha Vijaya Selvi Principal
--	---	---

**Certificate ID: KCE-W6-002**

This is an electronically generated certificate and does not need any signature



**KINGS COLLEGE OF ENGINEERING**

NAAC Accredited Institution & ISO Certified Institution  
Recognized by UGC under 2(f) & 12(B)  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Punalkulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.

**Certificate of Appreciation**

This is to certify that

**BALAJI C.**

Of

**Knowledge Institute of Technology**

has actively participated in the webinar on

**"AGILE METHODOLOGY"**

Organized by the Dept. of Electronics and Communication Engineering, Kings  
College of Engineering, Punalkulam on 01-06-2020.

<b>Coordinators</b> Mr.R.Sathyaraj, AP/ECE Mrs. D.Vennila, AP/ECE Mrs.R.Ponni, AP/ECE	<b>Convener</b> Mrs.N.Mangaiyarkarasi HOD/ECE	<b>Patron</b> Dr.J.Arputha Vijaya Selvi Principal
--	---	---

**Certificate ID: KCE-W6-023**

This is an electronically generated certificate and does not need any signature



## **Chief Guest Profile**

**Srinath S,**  
Technical Lead at TCS

### About

An IT Executive with responsibility and proven track record in Industry. Seasoned professional in Business Analysis, Quality Assurance and Program management with 7+ years of experience. Majorly worked on transformation projects and proved good track record in quick turnaround of critical projects, increasing productivity, quality and customer satisfaction. Result driven professional and expertise in global delivery model handling teams across offshore and onshore locations. An effective leader skilled in Planning, Estimation, Scheduling, Resource Management, Executing & Controlling and Escalation. Decisive, energetic, focused team leader leading high performing teams and consistently demonstrates leadership and relationship management skills. Expertise in Global Delivery model handling teams across UK and India. Rich experience in Testing Strategy and Portfolio management and good knowledge in Insurance & banking Domains

- Building and managing relationship with business and client executives.
- Extensive testing experience in Core banking, Debit cards and ATM. ISTQB certificated tester.
- Hands on experience with many banking products like Profile, Base24, Conex, Base2000 and simulator (Versa, Bridge test tool, Lexicel)
- Experienced in test automation with Mainframe applications using QTP, Selenium & Cucumber.
- Extensive work experience on Regression Testing, Functional testing, System Testing and User Interface Testing.
- Project and Program Management.
- QA and Process Improvements.

Key Skills: Test Lead, Mainframe Testing, Functional testing, Test Automation (Selenium, QTP, Cucumber) Test Optimization, SOAP UI tool, Requirement Analysis, Test Planning & Estimations, Test case writing, Defect management, Reporting and RCA.

### **Experience**

#### **Technical Lead**

[Tata Consultancy Services](#)

Apr 2017 - Present 4 years 10 months

Chennai, Tamil Nadu, India

- Building and managing relationship with business and client executives.
- Extensive Domain experience in Core banking, Debit cards and ATM.
- Hands on experience with many banking products like Profile, Base24, Conex, Base2000 and simulator (Versa, Bridge test tool, Lexicel)
- Experienced in test automation like selenium webdriver and appium.
- Extensive work experience on Regression Testing, Functional testing, System Testing and User Interface...



### **Senior Software Engineer**

May 2016 - Apr 2017 1 year

Chennai Area, India

- Manage Program / Project level.
- Responsible for development and testing program
- Automation Strategy design and implementation
- Involved in Performance testing approach and design
- Conduct Test Requirement gathering sessions and review the Requirements Traceability Matrix
- Worked on TCOE Process implementation effort
- Organize business review meetings with customer for continuous improvements
- Project planning, budgeting, scheduling and...

Show more

### **Software Engineer**

[CSC](#)

Aug 2013 - May 2016 2 years 10 months

Hyderabad Area, India

- Implemented Requirement Ambiguity testing and driving for each release
- Executing and Monitoring the Automation strategy and implementation design, development and execution phase
- Ensure client satisfaction goals and Contractual commitments are met.
- Conducting regular touch points with business and other application teams to review the deliverables.
- Interfacing with the Project managers, technical architects and business for each application.
- Worked on improving the...

Show more

### **Software Engineer**

[FusioNext Technologies Pvt Ltd](#)

Jan 2013 - Aug 2013 8 months

Chennai, Tamil Nadu, India

### **HR Executive**

[MeritTrac Services](#)

Jan 2012 - Jan 2013 1 year 1 month

Chennai

People Management, Resource Planning, Recruitment co-ordination, client interaction, people assessment, individual certification, campus recruitment co-ordination

Education

### **IIKM Business School**

*Master of Business Administration (MBA) Finance and Systems*

2015 - 2017

### **Sriram Engineering College**

*Bachelor of Technology (B.Tech.) Information Technology*

2008 - 2012





NAAC Accredited and ISO Certified Institution



**KINGS**  
COLLEGE OF ENGINEERING

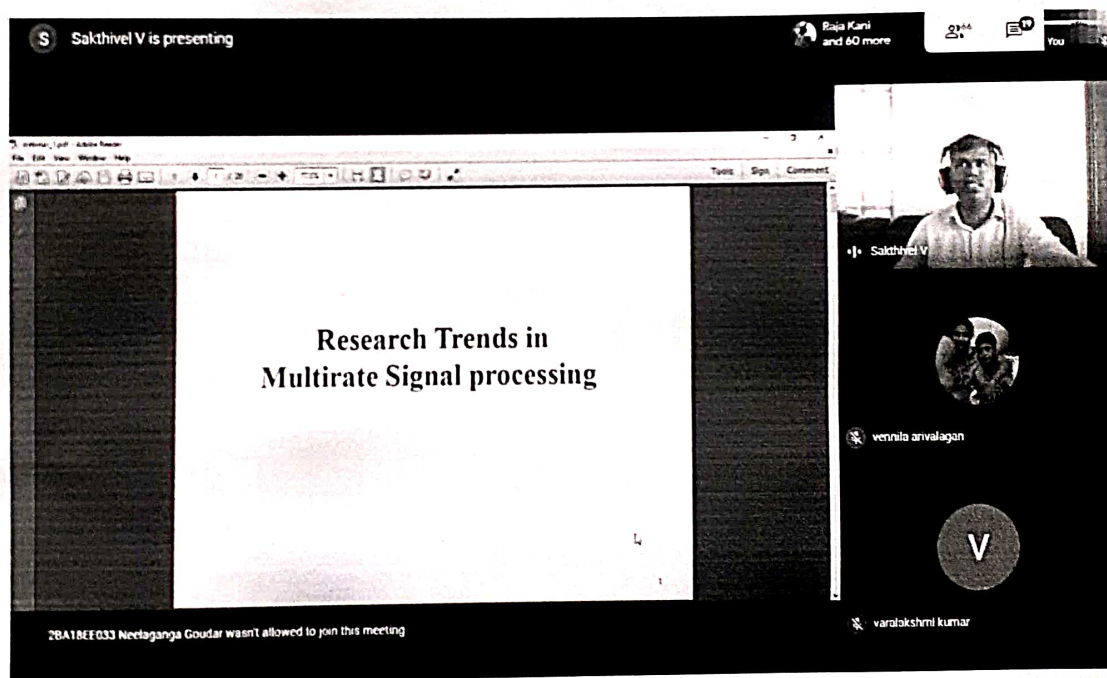
Recognized by 2(f) & 12(B) of UGC  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Department of Electronics & Communication Engineering

**Free Webinar**

on

**Recent Trends in Multirate Signal Processing**



**Speaker** : Dr. V.Sakthivel

**Profession** : Asst.Professor, National Institute of Technology,  
Calicut, Kerala.

**Date & Time** : 27.05.2020 & 11.00 a.m. to 12.30 p.m.



## Objective:

Multirate simply means "multiple sampling rates". A **multirate** DSP system uses multiple sampling rates within the system. Whenever a **signal** at one rate has to be used by a system that expects a different rate, the rate has to be increased or decreased, and some **processing** is required to do so. The webinar provides an ideal platform for academicians to discuss and showcase the research trends in signal processing.

## Presentation details:

Free Webinar on Recent Trends in Multirate Signal Processing was conducted on 27.05.2020 between 11:00 a.m. to 127:30 p.m. for external and internal participants. Total of 252 registration from 81 institution all over the nation and 149 active participation was made. Mr.R.Thandayuthapani, AP/ECE, hosted the event. Mrs.N.Mangaiyarkarsi, HOD/ECE welcomed and introduced the resource person. The session was presented by Mr. Dr.Sakthivel, Asst.Professor, National Institute of Technology, Calicut, Kerala.

The screenshot shows a Google Meet interface during a webinar. The main window displays a presentation slide titled "Filter Banks" with the following content:

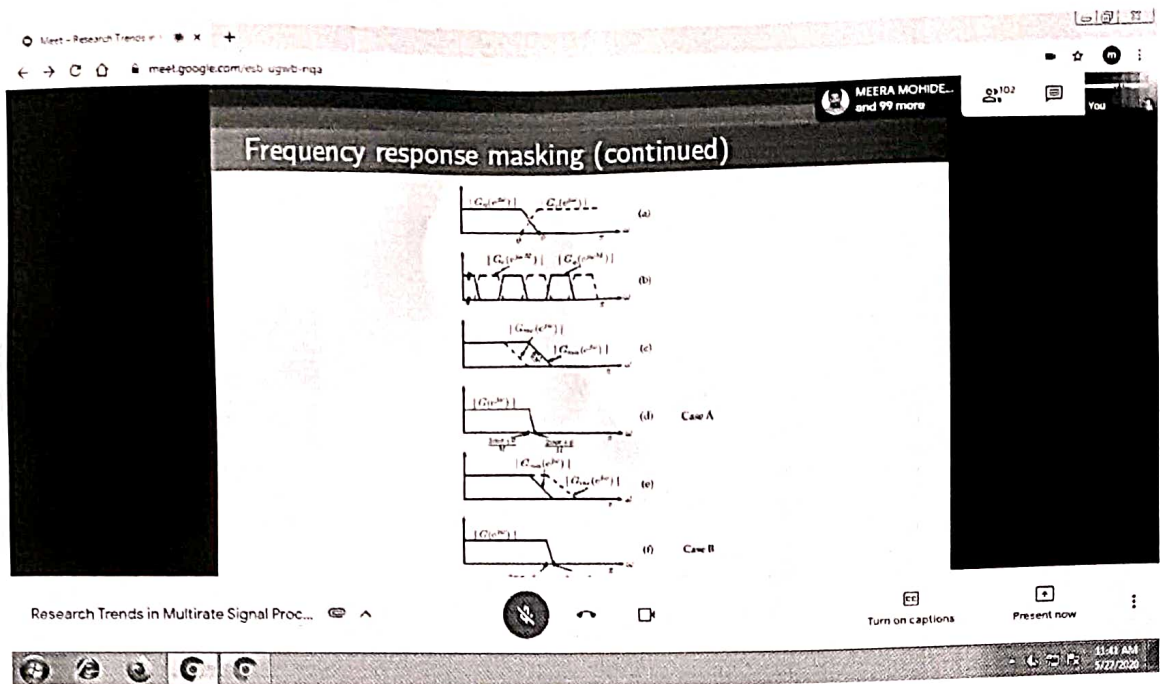
- Filter banks divide the input signal into subband signals.

Applications:

- Digital hearing aids
- Software defined radios
- Data compression
- Trans-multiplexers
- Multicarrier modulators
- Adaptive signal processing
- Bio-signal processing

The presentation is being given by Sakthivel V, as indicated by the "S" icon and name in the top left of the presentation area. The right sidebar shows a list of participants, including S. Sriram, sahaya reethma, sai swaroopa, Sakthivel V (Presentation), Sakthivel V, samuel jaba, GAKASH MUGCAT, Saravanan Sen, Sasi D. Kumar, Selvi Raja, and shafika shireen. The bottom status bar shows the time as 11:32 AM on 5/27/2020.





### Number of participants:

S.No	Name of the Institution	No.of Participants
1.	AAA COLLEGE OF ENGINEERING AND TECHNOLOGY	01
2.	Adishankara Institute of Engineering and Technology	02
3.	Alagappa chettiar Govt.college of Engg.& Tech, karaikudi	03
4.	Anjalai Ammal Mahalingam Engineering College	01
5.	ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES,RAJAMPET	03
6.	Annapoorana Engineering College	01
7.	ARJ college of engineering and technology	01
8.	ANNAI VELANKANNI ARTS AND SCIENCE COLLEGE THANJANUR	01
9.	Basaveshwar engineering college Bagalkot	04
10.	BVC Institute of Technology and Science	04
11.	Bonam Venkata Chalamayya Institute of Technology and Science Amalapuram	01
12.	Combined Institute of Technology	01
13.	Chalapathi institute of engineering and technology	01
14.	Dhaanish Ahmed Institute of Technology	01
15.	Dhanalakshmi Srinivasan engineering college.	01
16.	GRT INSTITUTE OF ENGINEERING AND TECHNOLOGY	01
17.	GARDEN CITY UNIVERSITY	01
18.	Gnanamani College of Technology	01
19.	Hindustan Institute of Technology and Science	01
20.	INDRA GANESAN COLLEGE OF ENGINEERING,TRICHY	02



21.	JAI SHRIRAM ENGINEERING COLLEGE	01
22.	Kings College of Engineering	24
23.	KIT-Kalaigarkarunanidhi Institute of Technology	01
24.	KONGU ENGINEERING COLLEGE	07
25.	Madanapalle Institute of Technology & Science	01
26.	Mahendra engineering college	03
27.	Mea engineering college	01
28.	MNSK COLLEGE OF ENGINEERING	01
29.	MOOKAMBIGAI COLLEGE OF ENGINEERING	08
30.	Mohamed Sathak Engineering college	01
31.	Muthayammal Engineering College	01
32.	Nandha Engineering College (Autonomous)	01
33.	N.S.N. COLLEGE OF ENGINEERING AND TECHNOLOGY,KARUR	01
34.	Narasu's Sarathy Institute of Technology	01
35.	P.R.ENGINEERING COLLEGE	01
36.	PARKS College	01
37.	PANIMALAR ENGINEERING COLLEGE	01
38.	PSNA COLLEGE OF ENGINEERING AND TECHNOLOGY	07
39.	Sri Krishna College of Engineering and Technology	05
40.	SA Engineering College	02
41.	Sir Issac newton college of engg and tech.	01
42.	Sri Manakula Vinayagar Engineering College,Puducherry	03
43.	Sri Ramakrishna engineering college	01
44.	Sri Ramakrishna Institute of Technology	06
45.	Sri Eshwar College of Engineering	01
46.	Solamalai College of engineering	01
47.	Sri Venkateshwara College of Engineering	02
48.	SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY	04
49.	St.Joseph's College of Engineering &Technology ,Thanjavur	06
50.	Swarnandhra College of Engineering and Technology	01
51.	University College of Engineering Thirukuvalai	01
52.	Velammal College of Engineering and Technology	10
53.	Veltech Hightech DR.RR & DR.SR Engineering College	02
54.	TOCE	01
55.	The Oxford College of Engineering	04
56.	Trichy Engineering College	01
57.	Trini-PI Technology Solutions Private Limited	01
58.	University College of Engineering Ariyalur	01
59.	Vision Institute of Technology	01
<b>Total</b>		<b>149</b>

Prepared by

Mr.R.Thandayuthapani, AP/ECE

HOD

Mrs.N.Mangaiyarkarasi



# **A REPORT**

## **ON**

### **LIVE ONLINE WEBINAR TITLED**

**"OVERVIEW OF MACHINE LEARNING, DEEP LEARNING AND  
NATURAL LANGUAGE PROCESSING USING PYTHON".**

**27<sup>th</sup> May 2020**



**Organized by**

**Department of Electronics and Communication Engineering**  
**KINGS COLLEGE OF ENGINEERING, PUNALKULAM**

**A NAAC Accredited Institution**

**Recognized under 2(f) & 12(B) of UGC**

**(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)**

**Phone : 04362-282474, 282395**

**Website : [www.kingsindia.net](http://www.kingsindia.net)**



## CONTENTS

SL.NO	PARTICULARS	PAGE NO
1.	Detailed Report	03
2.	Annexure: I (Brochure)	05
3.	Annexure: II (Registration Details)	06
4.	Annexure: III (Registration Form)	14
5.	Annexure: IV (Feedback Form)	15
6.	Annexure: V (Feedback Response)	16
7.	Annexure: VI (Sample Certificate)	17



## **A Glimpse on the Background of Webinar:**

In KCE, Department of Electronics and Communication Engineering, has organized a online Webinar titled "OVERVIEW OF MACHINE LEARNING, DEEP LEARNING AND NATURAL LANGUAGE PROCESSING USING PYTHON" on 27<sup>th</sup> May 2020 from 2.00p.m to 3.00 p.m.

The main objective of this Webinar is to utilize the lockdown period by providing the basic knowledge about the machine learning, Deep learning and NLP Algorithm using Python.

Under the guidance of our Principal, Dr. J. Arputha Vijaya Selvi, we hosted this Webinar. Mrs. N.Mangaiyarkarasi, HOD/ECE was the convener of our webinar. Mrs.R.Ponni, AP/ECE, Mr.R.Sathyaraj, AP/ECE & Mrs.D.Vennila, AP/ECE were the program coordinators.

### **OVERVIEW OF THE WEBINAR:**

#### **ABOUT THE RESOURCE PERSON:**

The resource person for the webinar was Dr.P.Manimegalai, M.E.,Ph.D, Associate Professor, Department of Biomedical Engineering, Karunya Institute of Technology and Sciences, Coimbatore.

#### **ABOUT THE REGISTRATION PROCESS:**

The webinar was planned to conduct via Cisco Webex meet platform. The registration link was created through Google forms and the link was posted in various Whats app groups.

**Registration Link:** <https://forms.gle/c2ZwvuoY8jWp18PcA>.

We have received 458 responses from various institutions. Before one day of the Webinar, we have stopped receiving the registration response. For all the registered participants we gave the confirmation mail for our Webinar participation. Then the registered participant were asked to join in our Whats App group named " KINGS ECE WEBINAR". On that day of the program, the webinar webex link was given to all the registered participants 1 hour before the commencement of the program through their E-Mail Id and also through the Whats App group.

#### **ABOUT THE WEBINAR:**

The webinar was started at 2.00 p.m with 312 participants. Mrs. D.Vennila, AP/ECE coordinator of this webinar welcomed the resource person and the participants by the words and she gave



the Introduction about the Resource person. Then the session was handed over to the Resource person. She gave very clear explanation about the Title of the Webinar Machine learning, Deep Learning and NLP.

The purpose of machine learning is to discover patterns in your data and then make predictions based on often complex patterns to answer business questions, detect and analyze trends and help solve problems.

The purpose of Deep Learning is to improve the performance of a Deep Learning model the goal is to the reduce the optimization function which could be divided based on the classification and the regression problems.

The purpose of NLP is to analyze textual data in Python through the concepts of Natural Language Processing (NLP).

Finally she gave some real time examples by using the python codings.

At 3.15 she comes to the end of the session. The queries were asked by the participants for 10 minutes. She gave the answers for all the queries. At 3.30 p.m we have posted the Feedback link Via the chat box.

**Feedback Link:** <https://forms.gle/7bUyKdfpoqipa1Ys5>

Finally, Mrs. R.Ponni, AP/ECE coordinator of this webinar gave the vote of thanks with a words. Thus the program ended successfully.

### **OUTCOME:**

We received 458 registration from 296 various Institutions.

Among the 458 registered participants 312 have attended the session.

All the 312 participants gave the feedback about the webinar via the Feedback Link.

The E-Certificate was provided to all the attendees through their E-mail Id.

*R. Ponni*  
*2/6/2020*  
Coordinator(s)


*S. Ponni*  
*2/6/2020*

*[Signature]*  
HOD *2/6/2020*




Annexure: I

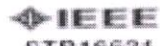
BROCHURE




INSTITUTION'S  
INNOVATION  
COUNCIL



**KINGS**  
COLLEGE OF ENGINEERING



IEEE  
STB16621



CERT  
ISO 9001

NAAAC Accredited & ISO Certified Institution  
Recognized by UGC under 2(F) & 12(B)  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Punaluram, Gandarvakottai Taluk, Pudukkottai District - 605 003.

**Overview of Machine Learning, Deep Learning and Natural Language Processing using Python**

**Organized by**  
**Department of**  
**Electronics & Communication Engineering**



Scan me registration



**Dr.P.Manimegalai,M.E.,Ph.D**  
Associate Professor  
Department of Biomedical Engineering  
Karunya Institute of Technology & Sciences  
Coimbatore

27.05.2020 | 02:00 - 03:00 p.m.      E-certificates will be provided

**Coordinators**  
Mrs. R. Ponni, AP/ECE | Mrs. D. Vennila, AP/ECE | Mr. R. Sathyaraj, AP/ECE

<b>Convener</b> Mrs. N. Mangalyarkarasi HOD/ECE	<b>Patron</b> Dr. J. Arputha Vijaya Selvi Principal
---	---

Registration link <https://forms.gle/c2ZwyuoY8jWp18PeA>



**Annexure: II**  
**Registration Details**

S.NO	Name of the Institution	CITY	No. of Participants
1.	AAA College of Engineering and Technology	Sivakasi	01
2.	Aarupadai Veedu Institute of Technology	Chennai	02
3.	Agni College of Technology	Chennai	01
4.	AKTMCET/KALLAKURICHI	TRICHY	01
5.	Al Sadiq Islamic English school	Dubai	01
6.	Acharya Nagarjuna University	Guntur	01
7.	ALIET	Gudivada	01
8.	AMET University	Chennai	01
9.	Amity University Lucknow	LUCKNOW	01
10.	Amrita Polytechnic College	Nagercoil	01
11.	Amrita School of Engineering, Coimbatore	Coimbatore	01
12.	Amrita Vishwa Vidyapeetham	Chennai	01
13.	Anand College of Engineering and Managementt, Kapurthala	Jalandhar	01
14.	Andhra Loyola Institute of Engineering and Technology	Vijayawada	02
15.	Anjalai ammal mahalingam engineering college	Thanjavur	03
16.	Anna university	Thanjavur	01
17.	Annai Velankanni College,Tholayavattam	Kanyakumari	01
18.	Annamacharya Institute of Technology and Sciences	Rajampet	02
19.	ANURAG ENGINEERING COLLEGE, KODAD	Khammam	01
20.	AP3 SOLUTIONS	Chennai	01
21.	APJ ABDUL KALAM UNIVERSITY, INDORE	GANGAVATHI	01
22.	APOLLO ARTS AND SCIENCE COLLEGE	Chennai	01
23.	APS UNIVERSITY REWA	REWA	01
24.	Arunai Engineering College	Tiruvannamalai	01
25.	Arcot sri mahalakshmi women's college	Vellore	01
26.	AUDISANKARA INSTITUTE OF TECHNOLOGY GUDUR	GUDUR	01
27.	Avinashilingam university	Palani	01
28.	AVS ENGINEERING COLLEGE	Salem	01
29.	Awadhesh pratap singh university rewa (m.p.)	Rewa	01
30.	Bharath Corporate, India	Coimbatore	02
31.	Bhaktavatsalam memorial college for women	Chennai	01
32.	BASVESHWAR ENGINEERING COLLEGE	Bagalkot	01



33.	Bharathi women's college	Chennai	05
34.	Bharath Institute of Higher Education and Research	Chennai	03
35.	BHIMAVARAM INSTITUTE OF ENGINEERING AND TECHNOLOGY	BHIMAVARAM	01
36.	Bholabhai Patel College of Computer Studies.	Gandhinagar	01
37.	Bharathiyar institute of Engineering for women	Salem	01
38.	BHARATHIYAR INSTITUTE OF ENGINEERING FOR WOMEN, Deviyakurichi	Kallakurichi	01
39.	Bishop Ambrose College	Coimbatore	01
40.	Bishop Heber college	Trichy	03
41.	BVM Holy Cross college	Kottayam	01
42.	BVC Institute of Technology and Science	amalapuram	01
43.	Cauvery college for women Autonomous	Trichy	01
44.	CAPE INSTITUTE OF TECHNOLOGY	LEVENGIPURAM	01
45.	C.Abdul Hakeem College (Autonomous)	Ranipet District	01
46.	Cape institute of technology	Nagercoil	01
47.	Canara College	Mangalore	01
48.	Chitkara Univesity	BADDI	01
49.	Chendhuran College of Engineering and Technology	Karaikudi	01
50.	Chaitanya Deemed To Be University	warangal	01
51.	Coimbatore Institute of Engineering and Technology	Coimbatore	01
52.	COLLEGE OF ENGINEERING ROORKEE	ROORKEE	05
53.	CPCL POLYTECHNIC COLLEGE	CHENNAI	01
54.	CVR College of engineering	SECUNDRABAD	01
55.	DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE	Perambalur	02
56.	Dhirajlal Gandhi College of Technology	Salem	01
57.	D. Y. Patil Institute of MCA and Management, Akurdi, Pune	Pune	01
58.	DNR COLLEGE OF ENGINEERING AND TECHNOLOGY	BHIMAVARAM	05
59.	Dhanalakshmi Srinivasan College of Arts and Science for Women (Autonomous)	Trichy	01
60.	Dr. Rammanohar Lohia Avadh University Ayodhya	Ayodhya	01
61.	Dr. Sivanthi Aditanar College of Engineering Tiruchendur	Tiruchendur	01
62.	Dhirajlal Gandhi College of Technology	Salem	01
63.	DR.MGR EDUCATIONAL AND RESEARCH INSTITUTE	Chennai	02
64.	Dr.Umayal Ramanathan College for Women	Karaikudi	01
65.	Dnr College Of Engineering And Technology	BHIMAVARAM	05
66.	East West college of engineering Yelahanka	Bangalore	01
67.	EGS. College of Science	KARAIKAL	01
68.	Ejura Model JHS	Ejura	01



69.	Erode Sengunthar Engineering College	Coimbatore	01
70.	Excel Polytechnic College/Komarapalyam	NAMAKKAL	04
71.	Excel College of Engineering and Technology	Namakkal	01
72.	Excel polytechnic college	SALEM	03
73.	Excel Engineering College	Komarapalayam	01
74.	Francis Xavier Engineering College	Tirunelveli	04
75.	Ganadipathy Tulsi's Jain Engineering College	Vellore	04
76.	Gnanamani college of technology	Namakkal	07
77.	Global Institute Of Management And Technology	NADIA	01
78.	Gobi arts & science college	Erode	01
79.	Goel Institute of Higher Studies Mahavidyalaya	LUCKNOW	01
80.	Government Arts and Science College, Avinashi 641654	Coimbatore	01
81.	GOJAN SCHOOL OF BUSINESS AND TECHNOLOGY	Chennai	01
82.	Govt.Degree College & PG Center,Sindhanur	Raichur	01
83.	Government Polytechnic Nagamangala	Karnataka	01
84.	Grace College of Engineering	Thoothukudi	01
85.	GOVT ARTS AND SCIENCE COLLEGE, GUDALUR	The Nilgiris	01
86.	H. H. THE RAJAH'S COLLEGE	PUDUKKOTTAI	01
87.	GSSSIETW Mysuru	Mysore	01
88.	Gurukul kangri vishwavidyalay	Haridwar	01
89.	Hindusthan College of Engineering and Technology, Coimbatore	Coimbatore	01
90.	Holy Cross Engineering College	Thoothukudi	01
91.	Ibri College of Technology, Ibri, Sultanate of Oman	IBRI	01
92.	Ibra college of technology	Muscat	01
93.	IARE	Hyderabad	01
94.	Institute Of Distance Education, University Of Madras	Chennai	01
95.	IFET college of engineering	Pondicherry	02
96.	Institute of Engineering and Industrial Technology, Sanaka Educational Trust's Group of Institutions, Durgapur, West	Durgapur	01
97.	Jansons Institute of Technology	Coimbatore	01
98.	JBAS COLLEGE FOR WOMEN	Chennai	01
99.	J S University Shikohabad	Shikohabad	01
100.	IPS Academy	INDORE	01
101.	JEPPIAAR SRR ENGINEERING AND	Chennai	04
102.	Justice basheer Ahmed sayeed college for women	Chennai	04
103.	Jeppiaar Maamallan Engineering College	Chennai	03
104.	Jeppiaar Maamallan Engineering College	Kanchipuram	01
105.	JS PG COLLEGE SIKENDRA BAD	GREATER NOIDA	01
106.	Jyothishmathi Institute Of Technological Sciences	Karimnagar	03



107.	K.L.N.College of Engineering	Madurai	01
108.	K. Ramakrishnan college of engineering	Trichy	01
109.	705.kongunadu polytechnic college	Trichy	01
110.	Karpaga vinayaga college of engineering and tech.	Chennai	01
111.	Karpagam academy of higher education	Coimbatore	02
112.	Karpaga vinayaga college of engineering & technology	Chengalpattu	01
113.	Kalasalingam Academy of Research and Education	Virudhunagar	01
114.	KG COLLEGE OF ARTS AND SCIENCE	Coimbatore	01
115.	Karunya Institute of Technology and Sciences	Coimbatore	01
116.	Kings college of engineering	Thanjavur	30
117.	Knowledge Institute of Technology	Salem	22
118.	Kongu engineering colleges	Erode	05
119.	KPR Institute of Engineering and Technology	Coimbatore	02
120.	Krishna International School	Ramanathapuram	01
121.	KSR COLLEGE OF ARTS AND SCIENCE	Namakkal	01
122.	KSR College of Engineering	Namakkal	01
123.	ksr institute for engineering and technology	Erode	01
124.	Lakshmi Narain College of Technology and Science Bhopal	Bhopal	01
125.	LNCT BHOPAL	Bhopal	01
126.	Loyola College	Chennai	01
127.	Ludhiana group of colleges	Ludhiana	01
128.	Madanapalle Institute Of Technology And Science	Madanapalle, chittoor dist.	01
129.	M.B.M. Engineering College, Jodhpur	Jodhpur	01
130.	M.A.M College of Engineering	Puducherry	02
131.	Madurai Kamaraj University	Madurai	01
132.	Madhupur Polytechnic	Deoghar	01
133.	Mahakal institute of technology Ujjain	Ujjain	01
134.	Mahendra Engineering College(Autonomous),Namakkal	Namakkal	03
135.	MAHENDRA ENGINEERING COLLEGE	KARUR	01
136.	Mahendra Engineering College	Salem	02
137.	Mahendra Engineering College for Women	Erode	02
138.	Malla reddy engineering college	Hyderabad	04
139.	Maitreyi College, University of Delhi	New Delhi	01
140.	Malla Reddy Engineering College(autonomous)	Telangana	01
141.	Mahendra Institute of Technology	Namakkal	02
142.	Malla reddy engineering college (autonomous)	VUYYURU	01
143.	Manonmaniam sundaranar university	Thoothukkudi	01



144.	Mandsaur university	Mandsaur	01
145.	Manonmaniam Sundaranar University	Tirunelveli	04
146.	Manonmaniam Sundaranar University	Chidambaram	01
147.	Maratha Mandal Engineering College Belagavi	Belagavi	02
148.	MNSK COLLEGE OF ENGINEERING	Pudukkottai	02
149.	Muthurangam govt Arts college, vellore -632002	Vellore	01
150.	Mohammed Sathak Engineering College	Ramanathapuram	01
151.	N.S.N. College Of Engineering And Tech, KARUR	Namakkal	01
152.	N S Raju Institute Of Technology	Visakhapatnam	01
153.	Nandha Engineering College	Tirupur	01
154.	Narsinhbhai Institute of Computer Studies and Management, Kadi	Ahmedabad	01
155.	Narayana Engineering College	Nellore	01
156.	Narsinhbhai Institute of Computer Studies and Management	Kadi	01
157.	Nehru Arts and science college , Coimbatore	Coimbatore	01
158.	National College	Trichy	01
159.	NBKRIST	Nellore	01
160.	Nehru Institute of Engineering and Technology	Coimbatore	01
161.	New Prince Shri Bhavani Arts and Science College ,Medavakkam, Chennai	Chennai	04
162.	NICSM	Kadi	01
163.	NPCCSM	KADI	01
164.	NRI Institute of Technology, Agiripally	Vijayawada	01
165.	Others	Madipakkam, Chennai	01
166.	Pantech ProEd Pvt LTD	Tirunelveli	01
167.	Pondicherry Engineering College	Puducherry	01
168.	PANIMALAR ENGINEERING COLLEGE	Chennai	03
169.	Animalar Institute of Technology	Chennai	02
170.	PET Engineering college	Tirunelveli	01
171.	PRATHYUSHA ENGINEERING COLLEGE	Chennai	02
172.	Pondicherry Engineering College	Puducherry	03
173.	Prince Dr k Vasudevan college of engineering and tech	Chennai	01
174.	P B Siddhartha College Of Arts And Science	Vijayawada	01
175.	Pondicherry University Community College	Puducherry	01
176.	Pillai College of Engineering, New Panvel	Navi Mumbai	01
177.	PSN College of Engineering and Technology	Tirunelveli	01
178.	Pscmr college of engineering and technology	Vijayawada	01
179.	Psna college of engineering and technology	TUTICORIN	01
180.	PSNA college of engineering and technology	Dindigul	03



181.	Prince Shri Venkateshwara Arts and Science College	Chennai	01
182.	Prince Dr. K. Vasudevan College of Engineering and Technology	Kelambakkam	01
183.	Queen Mary's college	Chennai	01
184.	RNS INSTITUTE OF TECHNOLOGY	Bengaluru	01
185.	R M.D.ENGINEERING COLLEGE	Chennai	01
186.	RISE krishna sai prakasam group of institutions	Ongole	01
187.	ramakrishna mission vivekananda college.	Chennai	01
188.	Ramachandra college of engineering	Gudivada	01
189.	Rohini college of Engineering and Technology	Kanyakumari	01
190.	REVA UNIVERSITY	BANGALORE	01
191.	Rathnavel Subramaniam college of Arts and Science	Coimbatore	01
192.	Rathinam Technical Campus	Coimbatore	02
193.	RVS College of Engineering	Dindigul	01
194.	Rabindrasadan Girls' College	Karimganj, Assam	01
195.	R R P G College Amethi	Amethi	01
196.	SRMIST	Chennai	01
197.	Scient Institute Of Technology	Hyderabad	01
198.	SRM TRP Engineering College	Tiruchirapalli	02
199.	Sri Shakthi Institute Of Engineering And Technology	Coimbatore	01
200.	Sathyabama Institute of science and technology	Chennai	14
201.	Selvam College Of Technology	NAMAKKAL	01
202.	SRM IST	Kattankulathur	01
203.	SNS College of Technology, Coimbatore	Coimbatore	01
204.	School of CSE,VIT VELLORE	Vellore	01
205.	Shanmuga industries arts and science college	Tiruvannamalai	01
206.	Sarvodaya College of Computer Science Rajkot Gujarat India	Rajkot	01
207.	Sengunthar Engineering College	Tiruchengode	01
208.	Shanmuga Industries Arts & Science College	Tiruvannamalai	01
209.	Sri Meenakshi Vidiyal Arts And Science College	TRICHY	01
210.	Shree Rayeshwar Institute of Engineering and Information Technology, Shiroda-Goa	Ponda	01
211.	Sri Sairam Institute of Technology	Chennai	01
212.	School of Arts and Science, AV Campus, Vinayaka Mission's Research Foundation, Chennai.	Chennai	01
213.	Sathyabama institute of science and technology	Trichy	01
214.	Soka Ikeda College	chennai	01
215.	Sri Venkateswara College of Engineering and Technology	Chittor	01
216.	SRM TRP ENGINEERING COLLEGE	Trichy	01



217.	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	Chennai	01
218.	Sri Sairam Engineering College	Chennai	01
219.	Sanjivani College of Engineering Autonomous	Kpg	01
220.	Siddaratha Institute Of Science And Technology	PUTTUR	01
221.	Shri RamSwaroop Memorial University Lucknow	Lucknow	01
222.	Shinas college of Technology	Chennai	01
223.	SAVEETHA SCHOOL OF ENGINEERING	CHENNAI	02
224.	Soka ikeda college of arts and science for women	Chennai	01
225.	Scient Institute of Technology	Hyderabad	01
226.	School of Arts and Science,VMRF	Chennai	01
227.	SATHYABAMA UNIVERSITY	Peddagopavaram	01
228.	Sathyabama Institute of Science and Technology	Rajahmundry rural	01
229.	SRM valliammai engineering college	Chennai	01
230.	Sathyabama institute of science and technology	Patna	01
231.	SRI RAMAKRISHNA ENGINEERING COLLEGE	COIMBATORE	01
232.	SRM TRP ENGINEERING COLLEGE	Trichy	01
233.	Selvam college of technology	Namakkal	01
234.	Sathyabama University	Proddatur	01
235.	Sasurie ENGG College	Tirupur	01
236.	Saranathan college of Engineering	Trichy	01
237.	Sri Vasavi Institute of Engineering and Technology	Nandamuru	01
238.	Shinas College of Technology	Sohar	01
239.	Sree Vidyanikethan Engineering College	Tirupati	01
240.	Sri Krishna Arts and Science College	Coimbatore	01
241.	Sri Vidya Mandir Arts and Science College, Uthangarai	Krishnagiri	01
242.	S R ENGINEERING COLLEGE	WARANGAL	01
243.	Sanjivani College of Engineering, Kopargaon	Shirdi	01
244.	Shri Ramkrishna institute of computer education and applied sciences Surat	Surat	01
245.	Sasi Institute of Technology & Engineering	TADEPALLIGUDEM	01
246.	Shri R.R.Lalan College Bhuj Kutch Gujarat-370001	GUJARAT	01
247.	SAVEETHA ENGINEERING COLLEGE	CHENNAI	01
248.	Sri Ramakrishna Institute of Technology	Coimbatore	01
249.	St Joseph's College (Arts & Science)	Chennai	01
250.	St. Joseph's College (Autonomous),	Trichy	02
251.	ST.Charles College Of Arts And Science	Kallakurichi	01
252.	St.Joseph's College of Engineering and Technology	Thanjavur	01
253.	St.Joseph's College of Engineering, OMR,Chennai	CHENNAI	02



254.	ST.Joseph's College(Arts & Science)	Chennai	01
255.	St. Aloysius College Autonomous	Jabalpur	01
256.	Swargarani school and PU college	Bangalore	01
257.	Swamy abedhanandha polytechnic college thellar 604406	Vandavasi	01
258.	SVCET	Chittoor	01
259.	St.Peter's College of Engineering and Technology	Chennai	01
260.	St.Xavier's college, Jaipur	Jaipur	01
261.	Syed ammal engineering college	Ramanathapuram	01
262.	Student	Dasmarinas City	01
263.	University of gondar	Gondar	01
264.	THE NEW COLLEGE	CHENNAI	01
265.	Tagore college of arts and science	Chennai	01
266.	Thiagarajar Polytechnic College, Salem	Salem	01
267.	The American college	Madurai	01
268.	THE OXFORD COLLEGE OF ENGINEERING	BANGALORE	01
269.	Thanthai Periyar Government Institute of Technology,Vellore	Vellore	01
270.	Thiagarajar College	Madurai	01
271.	Thiagarajar College	Madu	01
272.	Thiagarajar College	Madurai	01
273.	Trinity college of engineering and technology	Telangana	01
274.	Thiagarajar College	Madurai	01
275.	Trinity College Of Engineering And Technology, Peddapalli	MANCHERIAL	01
276.	Vivekanandha College of Technology for Women	Erode	01
277.	VALLEY VIEW UNIVERSITY	YEJI	01
278.	Vivekanandha College of Engineering for Women(Autonomous)	Namakkal	01
279.	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	Chennai	01
280.	Velammal Institute of Technology	Chennai	03
281.	Vaagdevi college of engineering	Hanamkonda, Warangal	01
282.	Vignan's Foundation for Science Technology and Research	Guntur	01
283.	Valley View University	Tamale	02
284.	Valley View University	Kumasi	02
285.	Valley View University	Accra	02
286.	velammal institute of technology	CHENNAI	01
287.	Velammal institute of technology	Villupuram	01
288.	Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology	Chennai	01

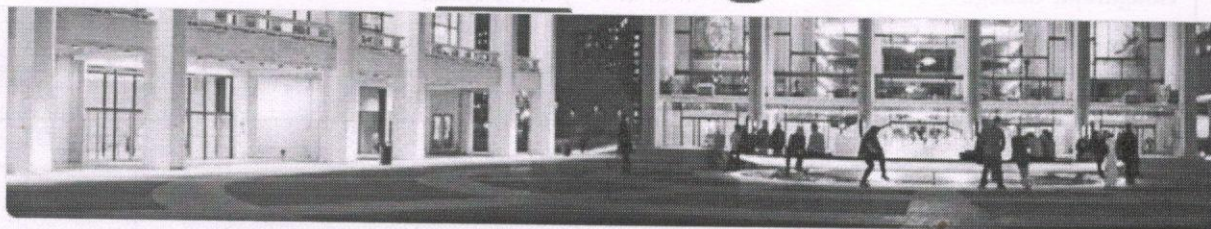


289.	Velalar College of Engineering and Technology	Erode	02
290.	Vivekanandha College Of Engineering For Women	TIRUCHENGODE	01
291.	VELTECH DR.R.R&DR.S.R INSTITUTE OF SCIENCE AND TECHNOLOGY	Chennai	01
292.	VALLEY VIEW UNIVERSITY	TECHIMAN	01
293.	VFSTR VADLAMUDI, GUNTUR	GUNTUR	01
294.	Vel Tech High Tech Dr RR Dr.SR Engg College Avadi	Chennai	01
295.	Vels Institute of Science , Technology & Advanced Studies	Chennai	02
296.	Vinayaka Missions Kirupananda Variyar Engineering College, Salem	Salem	01
Total No. of Participants Registered.			458

### **Annexure: III**

### **Registration Form**

Questions    Responses    **458**



## Webinar on "Overview of Machine Learning, Deep Learning and Natural Language Processing Using Python".

Kings College of Engineering, Punalkulam, Gandarvakkottai, Pudukkottai D.T.  
Webinar date: 27-05-2020 @ 2.00 pm to 3.00 pm.

Follow this link to join in our Whatsapp group (KINGS ECE WEBINAR) for further communication.

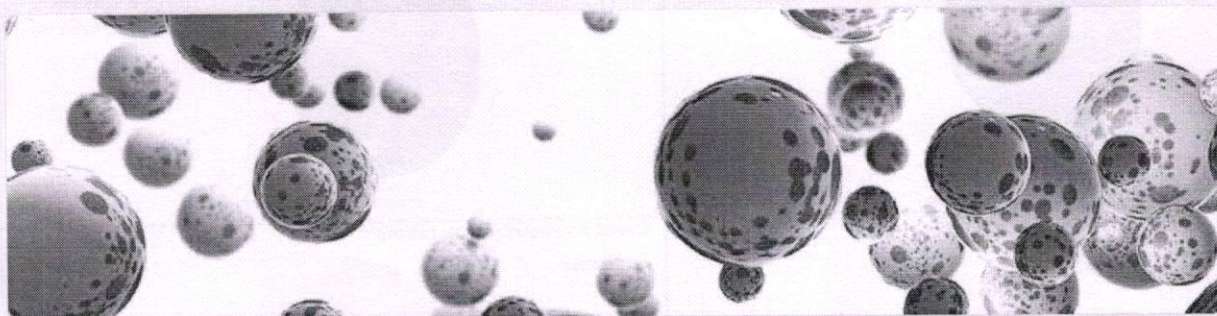
<https://chat.whatsapp.com/LBQDOI7QqC6E6fJloHQq3s>





**Annexure: IV**  
**Feedback Form**

Questions Responses **312**



## FEEDBACK FORM

Webinar on "OVERVIEW OF MACHINE LEARNING, DEEP LEARNING AND NATURAL LANGUAGE PROCESSING" -  
(27 May 2020)

Email address \*

Valid email address

This form is collecting email addresses. [Change settings](#)

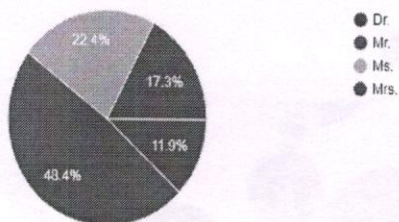




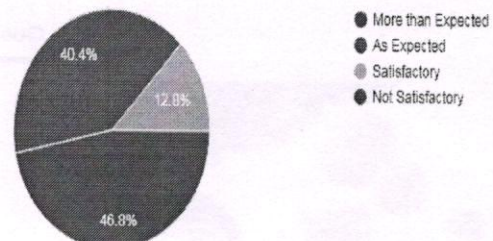
## Annexure: V

### Feedback Response

Salutation  
312 responses

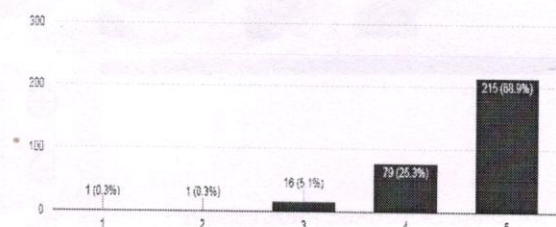


Content of the presentation  
312 responses



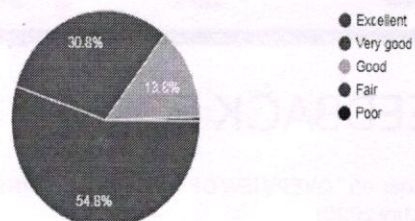
What is your level of satisfaction for the Webinar?

312 responses



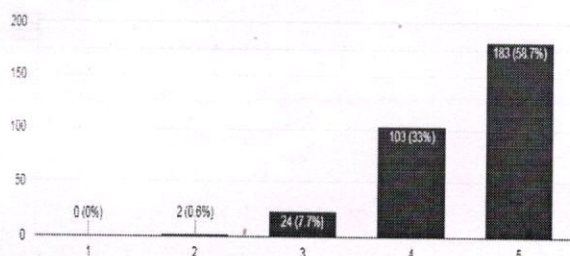
Overall, how would you rate this event

312 responses



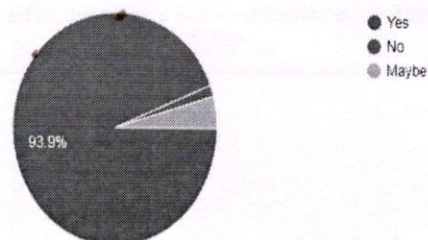
Audio / Video quality

312 responses



Would you like to attend these kind of webinar in future

312 responses





**Annexure: VI**  
**Sample Certificates**

<b>KINGS COLLEGE OF ENGINEERING</b>		
<small>NAAC Accredited Institution &amp; ISO Certified Institution Recognized by UGC under 2(f) &amp; 12(B) Approved by AICTE, New Delhi &amp; Affiliated to Anna University, Chennai Punakulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.</small>		
   <b>Certificate for Participation</b>		
<p>This is to certify that <u>Prof. Khushboo Pawar</u>, <u>Assistant Professor</u> of <u>Mahakal</u> <u>institute</u> of <u>technology</u>, <u>Ujjain</u> has actively participated in the live webinar titled "Overview of Machine Learning, Deep Learning and Natural language Processing using Python" organized by Department of Electronics and Communication Engineering of Kings College of Engineering, Pudukkottai on 27<sup>th</sup> May 2020.</p>		
<small>Coordinator</small> Mrs. R. Ponni AP/ ECE Mrs. D. Vennila AP/ ECE Mr. R. Sathya AP/ ECE	<small>Convener</small> Mrs. N. Mangayarkarasi HOD/ ECE	<small>Patron</small> Dr. I. Arputha Vijaya Sekhi Principal

<b>KINGS COLLEGE OF ENGINEERING</b>		
<small>NAAC Accredited Institution &amp; ISO Certified Institution Recognized by UGC under 2(f) &amp; 12(B) Approved by AICTE, New Delhi &amp; Affiliated to Anna University, Chennai Punakulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.</small>		
   <b>Certificate for Participation</b>		
<p>This is to certify that <u>Mrs. S. Ebenazer Roselin</u>, <u>Assistant Professor</u> of <u>Prince Dr k Vasudevan college of engineering and technology</u> has actively participated in the live webinar titled "Overview of Machine Learning, Deep Learning and Natural language Processing using Python" organized by Department of Electronics and Communication Engineering of Kings College of Engineering, Pudukkottai on 27<sup>th</sup> May 2020.</p>		
<small>Coordinator</small> Mrs. R. Ponni AP/ ECE Mrs. D. Vennila AP/ ECE Mr. R. Sathya AP/ ECE	<small>Convener</small> Mrs. N. Mangayarkarasi HOD/ ECE	<small>Patron</small> Dr. I. Arputha Vijaya Sekhi Principal



**Dr.P.Manimegalai**

Associate Professor, Biomedical Engineering Department

Mobile : 09994291601

Email : [manimegalaip@karunya.edu](mailto:manimegalaip@karunya.edu)**RESEARCH INTERESTS****Biosignal Processing, Medical Device Design, Image Processing, AI in healthcare****EXPERIENCE****20 Years****RESEARCH PROFILES**

1	Google Scholar Profile	<a href="https://scholar.google.com/citations?user=5GdT5OYAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=5GdT5OYAAAAJ&amp;hl=en</a>
2	Scopus Profile	<a href="https://www.scopus.com/authid/detail.uri?authorId=38362113600">https://www.scopus.com/authid/detail.uri?authorId=38362113600</a>

**PATENTS**

1	UV Object Sanitizer published by Feb 2021
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**RESEARCH PROJECTS**

#	Title of the project	Funding Agency	Amount (Rs.)	Year
1	Low Cost CPAP Machine	Harvard University	20000	2021

**SUMMARY OF INTERNATIONAL JOURNAL & CONFERENCE PUBLICATIONS - [PUBLISHED & ACCEPTED]**

Year	International Journal Publications	International Conference Publications	National Conference publications	Cumulative Impact Factor	Scopus Citations	Google Scholar Citations	h-index
2009 - 2021	76	15	5	3.1	198	358	9

**EDITORIAL BOARD MEMBER:****EDUCATION**

Degree	Branch / Specialization	University	Class	Mode	Month & Year of Passing
Ph.D.,	Information and Communication/ Biosignal Processing	Anna University, Chennai		Parttime	June 2013
M.E.,	Applied Electronics	Anna University, Chennai	I class	Parttime	June 2008
B.E.,	Biomedical Instrumentation	Avinashilingam University	I Class	Fulltime	May 2000

**TEACHING INTERESTS****Diagnostic and Therapeutic Devices, Human Anatomy and Physiology ,Biomedical Medical Image Processing, Machine learning, Deep Learning****RESEARCH GUIDANCE**

Research guidance as supervisor	Completed	Ongoing
Doctor of Philosophy - PhD Thesis advising	10	5
Master of Engineering - Master's Thesis advising	15	2



**DEPARTMENT OF ELECTRICAL & ELECTRONICS  
ENGINEERING**

**LIST & WEB LINK OF  
CAPACITY & SKILL ENHANCEMENT  
PROGRAMME**



## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

List & Web Link of Capacity & Skill Enhancement Programme Organized during  
2020 - 2021

S.No	Name of the capability enhancement program	Number of Students Trained	Website Link
1.	Guest Lecture on Embedded system	31	<a href="https://kingsengg.edu.in/events_repository/EEE/04.03.21-%20Guest%20Lecture.pdf">https://kingsengg.edu.in/events_repository/EEE/04.03.21-%20Guest%20Lecture.pdf</a>

*P. D. S.*  
14/7/21  
Overall Coordinator

*S. M. M.*  
14/7/21  
HOD/EEE

*S. M. M.*  
14/7/21  
Principal

PRINCIPAL  
Kings College of Engineering  
PUNALKULAM - 613 303.





## Guest Lecture Report on “Embedded System”

A Guest Lecture on Embedded system was organized by Project Club, Department of EEE on 4<sup>th</sup> March, 2021, Mr.J.ArokiaRaj, Assistant Professor/EEE welcomed and Mr.S.R.Karthikeyan introduced the resource person to the gathering.

**Mrs.N. Srividhya**, Assistant Professor/ECE, St. Joseph’s College of Engineering and Technology, Ezhipatti was the resource person.

In her lecture, She briefed on Embedded System key features, which includes the Structural units in Embedded processor, DMA – Memory management methods, data rate and Target Hardware Debugging. Also she briefed on Embedded Networking. A total of 22 students and 9 staffs are participated and got benefitted.

### Meeting Link:

<https://forms.gle/pvci7qvu1eZcTS3D6>

On that day of the programme ( 4<sup>th</sup> March ,6.30pm to 7.30pm), the Guest lecturer, Google meet link was given to all the second and third year EEE students.



*[Signature]* 6/3/21

Staff In-charge

*[Signature]* 6/3/21

HOD\EEE



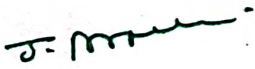
## DEPARTMENT OF MECHANICAL ENGINEERING

### Capacity & Skill Enhancement Programme Report Organized During 2020 – 2021

S.No	Name of the capability Enhancement Programme	Number of Students Trained
1	ISTE-STUDENT CHAPTER (TN 217) E-Quiz	137
2	ISTE-STUDENT CHAPTER (TN 217) Webinar	56

  
Overal Coordinator

  
HOD/MECH  
**Dr. T. PUSHPARAJ, M.E., Ph.D.,**  
Prof. & Head-Mechanical Engineering,  
Kings College of Engineering,  
Punalkulam-613 303.

  
Principal  
**PRINCIPAL**  
**Kings College of Engineering**  
PUNALKULAM-613 303.





## ISTE STUDENT CHAPTER (TN 217)

### E-QUIZ REPORT

ISTE STUDENT CHAPTER (TN 217) organized online Technical Quiz on “**THERMAL ENGINEERING**” on 30-05-2021 (10 am to 4 pm) for Mechanical Engineering students of our college. This quiz was conducted for 100 marks and it consist 25 questions and 4 marks allotted to each questions. E-certificate were issued to the students those who had secured minimum of 50%. There were 137 students participated in this technical quiz. Out of 137 students, 93 students received e-certificate through the email.

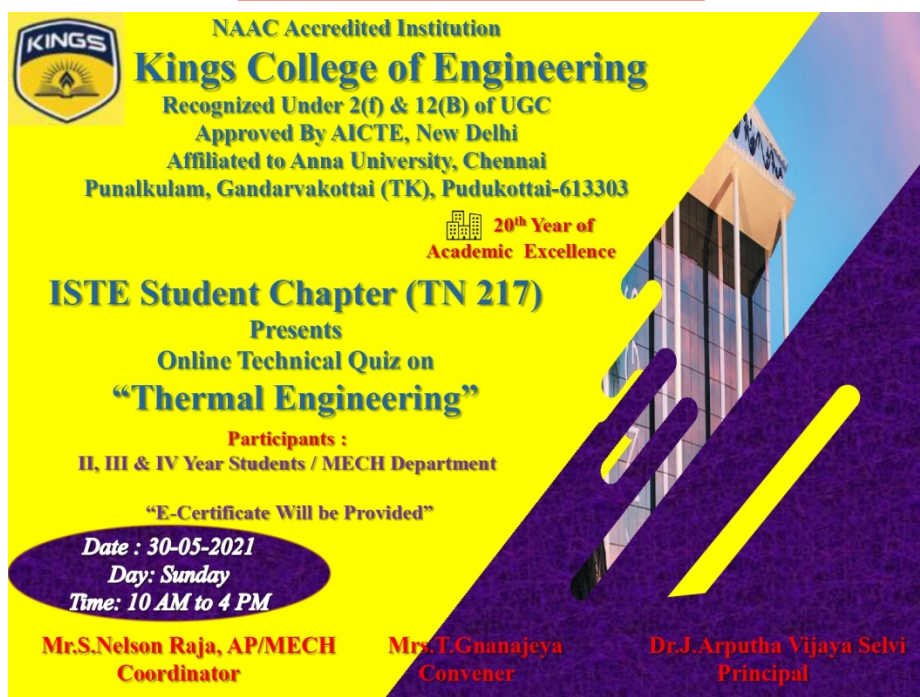
S.NO	PARTICIPANTS DETAILS	STRENGTH
1.	Total Number of Participants II Year : 39 III Year : 52 IV Year : 46	137
2.	Total Number of students Received E-Certificate	93

The following students are the price winners

POSITION	CLASS	NAME OF THE STUDENTS
I	III Year	K. Chandru
II	IV Year	J. Augustine Albert
III	II Year	M. Syed Usman Ali



## E-QUIZ BROCHURE



**KINGS**  
NAAC Accredited Institution  
**Kings College of Engineering**  
Recognized Under 2(f) & 12(B) of UGC  
Approved By AICTE, New Delhi  
Affiliated to Anna University, Chennai  
Punalkulam, Gandarvakottai (TK), Pudukottai-613303  
20<sup>th</sup> Year of Academic Excellence

**ISTE Student Chapter (TN 217)**  
Presents  
Online Technical Quiz on  
**“Thermal Engineering”**

**Participants :**  
II, III & IV Year Students / MECH Department

“E-Certificate Will be Provided”

**Date : 30-05-2021**  
**Day: Sunday**  
**Time: 10 AM to 4 PM**

**Mr.S.Nelson Raja, AP/MECH**  
Coordinator

**Mrs.T.Gnanajeya**  
Convener

**Dr.J.Arputha Vijaya Selvi**  
Principal

## SAMPLE CERTIFICATE COPY



**KINGS**  
COLLEGE OF ENGINEERING  
Approved by AICTE, New Delhi & Affiliated to Anna University Chennai  
Recognized Under 2(F) & 12(B) Of UGC  
Punalkulam, Gandarvakottai (Tk), Pudukottai-613303

**ISTE STUDENT CHAPTER (TN 217)**  
**CERTIFICATE OF PARTICIPATION**

This is certify that **K.CHANDRU** of **III / MECHANICAL ENGINEERING** department has actively participated in the Technical Quiz on **“Thermal Engineering”** organized by ISTE Student Chapter (TN 217), Department of Mechanical Engineering, Kings College of Engineering, Pudukkottai 30<sup>th</sup> May 2021.

Score: 92%

E-Certificate Id : JYA06G-CE000036

**Mr.S.Nelson Raja, AP/MECH**  
Coordinator

**Mrs.T.Gnanajeya**  
Convener

**Dr.J.Arputha Vijaya Selvi**  
Principal

**Mrs. T.Gnanajeya**

**Convener**

**Dr.J. Arutha Vijaya Selvi**

**Principal**





## ISTE STUDENT CHAPTER [TN 217]

ACADEMIC YEAR 2020-21 / ODD SEMESTER

### WEBINAR REPORT

The ISTE Student Chapter [TN 217] and Department of Mechanical Engineering had jointly organized a webinar through online mode on “**Materials and its Applications**” on **12.10.2020 at 11.15 a.m. to 12.15 p.m.** Welcome address was given by **Dr.T.Pushparaj**, HoD, Department of Mechanical Engineering, Kings College of Engineering.

Resource person **Dr. M.Meignanamoorthy**, Assistant Professor, Department of Mechanical Engineering, K.Ramakrishnan College of Engineering(Autonomous), Trichy, was introduced by **Mrs.T. Gnanajeya**, ISTE Chapter Coordinator, Kings College of Engineering. The resource person had given the lecture on “**Materials and its Applications**”. In his lecture, he explained the various materials and its applications currently used in Industrial and research areas. This session clearly focused on current Industrial trends, latest coating technology and innovations.

In this webinar, **63** participants from various institutions attended the webinar (Among these, **56** participants from our Institution as well as others have attended the webinar). Vote of thanks was given by **Mr. M. Sakthivel**, AP/Mechanical. Kings College of Engineering.

All the attended participants gave their feedback after the session and E-certificate have been sent to them through email.



## Webinar Brochure

**ISTE**  
INSTITUTE OF SCIENTIFIC & TECHNICAL EDUCATION

**KINGS**  
COLLEGE OF ENGINEERING  
NAAC Accredited Institution, Recognized under 2(f) and 12(B) Act of UGC,  
Approved by AICTE, New Delhi [Affiliated to Anna University Chennai]  
Punakulam, Near Thanjavur, Pudukkottai Dt - 613 303

Meet you  
Through  
**GOOGLE MEET**

**ISTE Student Chapter [TN217]  
and  
Department of Mechanical Engineering  
Organizes**

**WEBINAR ON "MATERIALS AND  
ITS APPLICATIONS"**

**Our Resource person:**  
Dr.M.Meignanamoorthy,  
Dept of Mechanical Engineering  
K.Ramakrishnan College of Engineering,  
Trichy

**REGISTRATION LINK:** <https://forms.gle/73kZ82o1iyv3woyo7>

**DATE: 12.10.2020  
11.15 AM TO 12.15 PM**

J.RAJAPARTHIBAN, 9894031614  
S.DESIKAN, 6380356560  
M.SAKTHIVEL, 9791521437  
DEPT STAFF CO ORDINATORS

Mrs.T.GNANAJEYA  
ISTE CO ORDINATOR

Dr.T.PUSHPARAJ  
HoD/MECH

Dr.J.ARPUTHA VIJAYA SELVI  
PRINCIPAL

## Participation Certificate – Sample Copy

**ISTE**  
INSTITUTE OF SCIENTIFIC & TECHNICAL EDUCATION

**KINGS**  
COLLEGE OF ENGINEERING  
NAAC Accredited & ISO Certified Institution  
Recognized by UGC under 2(f) & 12(B)  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Punakulam, Gandarvakottai Taluk, Pudukkottai District - 613 303.

**20<sup>th</sup> year of  
Academic Excellence**  
SEEK\*STRIVE\*SUCCEED

**ISTE STUDENT CHAPTER [TN 217]  
Certificate of Participation**

This is to certify that Mr/Ms <<Name>> studying <<year>> of Mechanical Engineering has participated in the Webinar on "Materials and its Applications" organized by ISTE Student Chapter [TN 217] and Department of Mechanical Engineering, Kings College of Engineering, Pudukkottai on 12-10-2020.

Mrs.T.Gnanajeya  
ISTE Co ordinator

Dr.T.Pushparaj  
HoD/Mech

Dr.J.Arputha Vijaya Selvi  
Principal



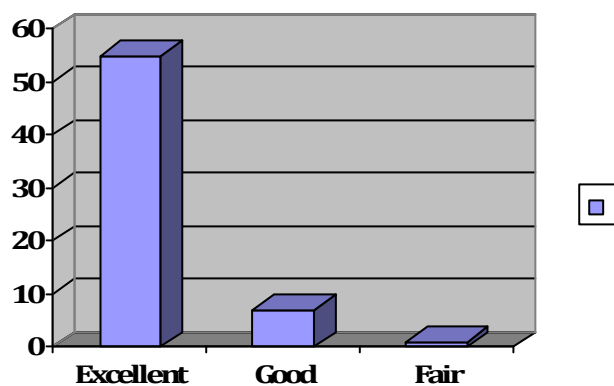
### List of Attended Participants

S.No.	Name of the Institution	Number of participants
1	Anjalai Ammal Mahalingam Engineering College , Kovilvenni	4
2	Kings College of Engineering, Punalkulam	56
3	Periyar Maniammai Institute of Science and Technology,Vallam Thanjavur	1
4	Rajalakahmi Institute of Technology, Chennai	1
5	Sastra Deemed University,Thirumalaisamuthiram,Thanjavur	1

### Feedback Questions and Responses

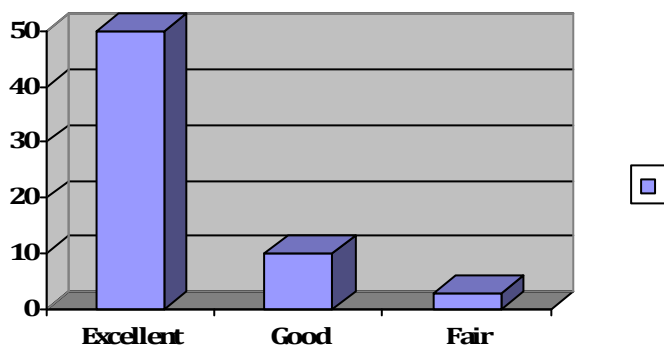
#### 1. Content of the Program?

Excellent	Good	Fair
55	7	1



#### 2. Quality of Audio/Video Streaming?

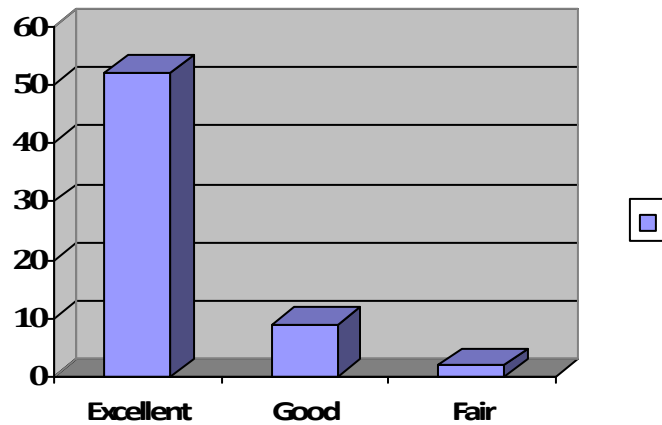
Excellent	Good	Fair
50	10	03





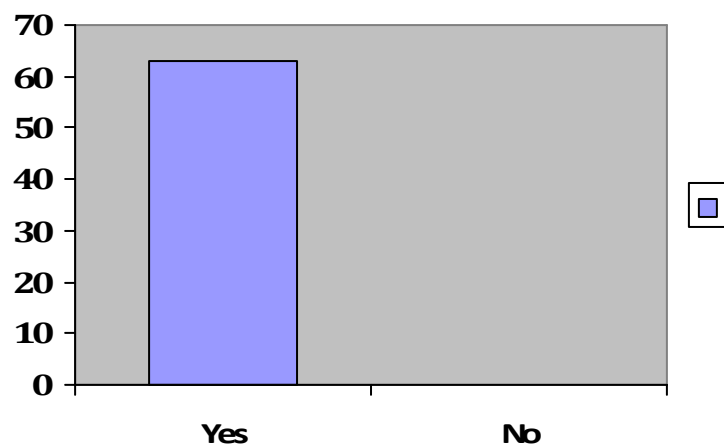
### 3. Way of Presentation?

Excellent	Good	Fair
52	09	02



### 4. Are you interested in future webinars in Kings?

Yes	No
63	0



**Mrs.T. Gnanajeya**  
ISTE Chapter Coordinator

**Dr.T. Pushparaj**  
HoD / Mechanical

**Dr.J. Arputha Vijaya Selvi**  
Principal



**DEPARTMENT OF SCIENCE  
HUMANITIES,  
DEPARTMENT OF ENGLISH**

**CONSOLIDATE LIST OF  
SKILL ENHANCEMENT PROGRAMME**

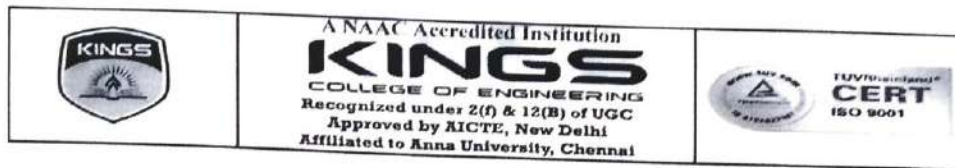


**DEPARTMENT OF ENGLISH**  
**SKILL ENHANCEMENT PROGRAMME ORGANIZED DURING 2020-2021**

<b>S.No</b>	<b>NAME OF THE PROGRAMME</b>
<b>1.</b>	Basic Grammar for Better Writing
<b>2.</b>	National Webinar on Strengthening English Communication Amid Lock Down
<b>3.</b>	E-National Conference on Advancement in Science and Humanities
<b>4.</b>	Importance of Communication
<b>5.</b>	Communication Skills for Professional

  
**HoD/S&H**





Ref.No. KCE/Principal/ Eng 01 / 2020-2021

23.12.2020

**CIRCULAR**

We are glad to inform you that the department of English (S&H) organizes a webinar on **"Importance of Communication" for I & II Year students on 24.12.2020 (Thursday) from 11.00am to 12.30 pm.** Hence, the class coordinators of I & II year are hereby informed to convey the scheduled event to the students in advance for their complete participation and request the pleasure of staff members taking part in it.

Streaming on: College YouTube Channel

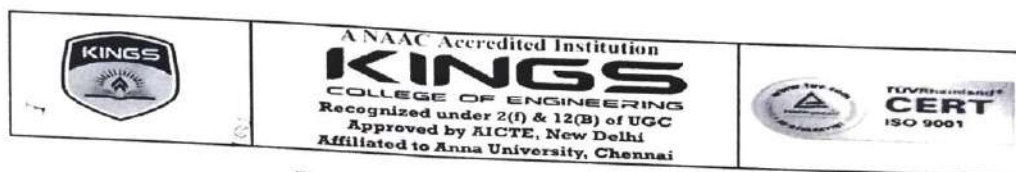
*J. Manjappa*  
*23/12/2020*

PRINCIPAL

Copy To

1. Secretary
2. CEO
3. Vice Principal
4. All HODs





Department of Science and Humanities  
Department of English  
Academic Year 2020-2021

Webinar on  
**IMPORTANCE OF COMMUNICATION**

**REPORT**

When students graduate, they are ready for success. The ability to write and speak well when applying for grants, fellowships and industry jobs is critical for engineers. Need for better communication become necessary for success in academic institutions and industry alike. To meet this need, a **Webinar on Importance of Communication** was scheduled for **I, II, and III year students** of our college on **December 24, 2020 between 11.00am and 12.30pm.**

Dr. S. Latha Venkateshwari, Professor of English, Government College of Technology, Coimbatore, was invited for the presentation. She dwelt on the topic suggested so perfectly that covered all the key areas which remain conducive for every learners. Her presentation referred to the different aspect of communication. The presentation discussed the etiquettes, proper eye contact, self confidence, kinesics, proxemics, right use of gestures, verbal and non verbal communications, idioms and phrases.

*“Communication skill is vital to succeed in personal life and career. Poorly delivered messages can turn into misunderstanding, frustration, or even a disaster”,* she stoically implied this with apt examples. It was insisted on, *“When speaking, be clear and concise. Speak on important matters directly and do not allow the listeners minds wander. Make sure that you are certain they understand what you are communicating.”*



*“Strong communication skill has become imperative as the engineering industry continues to evolve”*, she maintained in her delivery that is interlaced with ideas and sources to adapt to qualitative language skill. She advised to take part in competitions, seminars, watch kids movies, listen to commentaries, since these will offer the learners a very good opportunity to expose to various use of words, phrases, and expressions in the right context.

Finally, she authoritatively mentioned that communication is a core component of engineering education since it is a multidisciplinary profession which requires the ability to collaborate and communicate effectively with a diverse team, as well as express complex concepts to a non-technical audience. And her deliberation riveted on *“Communication is an enviable asset.”*

#### Features of presentation

The presentation was viewed by greater number of participants who aimed to improve communication skill. The snip shot and the feedback of the presentation is herewith attached as proof.



Webinar on Importance :  
of Communication  
854 views Streamed 3 day

1. *[Signature]*  
2. *[Signature]*  
Programme Coordinators

*[Signature]*  
Organizing Secretary

*[Signature]*  
28/12/2020  
Coordinator S&H

*[Signature]*  
28/12/2020  
PRINCIPAL



Inviting for a Guest Lecture Programme(WEBINAR) - kingslinguadomain@gmail.com - Gmail

Compose

Inbox 926

Starred

Snoozed

Sent

Drafts 28

Radha

More

Meet

New meeting

Join a meeting

Hangouts


Radha

Ramasamy Senguttuvan  
Radha has in your line

Vignesh Ravi  
Radha sent

Senthil Narayan (செந்திலு நரசிம்மன்)  
Radha sent

Inviting for a Guest Lecture Programme(WEBINAR) Inbox x

 **Radha Krishnan** <kingslinguadomain@gmail.com>  
to drlathagct

Mam,

Sub: Inviting for a deliberation on 'Importance of Communication' through WEBINAR for I year students-reg.

With great pleasure, we are heartly bound to invite you for a short deliberation on the much coveted topic 'Importance of Com

This is a part of our skill development programmes focus on the first year students mainly from the rural side. We hope our ef

We strongly believe in 'every of the small contributions of the learned, will make our society more stronger to confidently face

We are looking kindly forward to your consent for our request.

A tentative schedule is given below for your consideration.

Date : 24.12.2020 -  
Time : 11.00am to 12.30pm

Thanking you,

With Regards,  
J.Radhakrishnan  
Asst Prof., Department of English  
Kings College of engineering  
Punalkulam

google.com/mail/u/0/?tab=rm&ogbl#sent/KtbxLthqDPscNJmnvdbBwcdCplFvkmPXpL





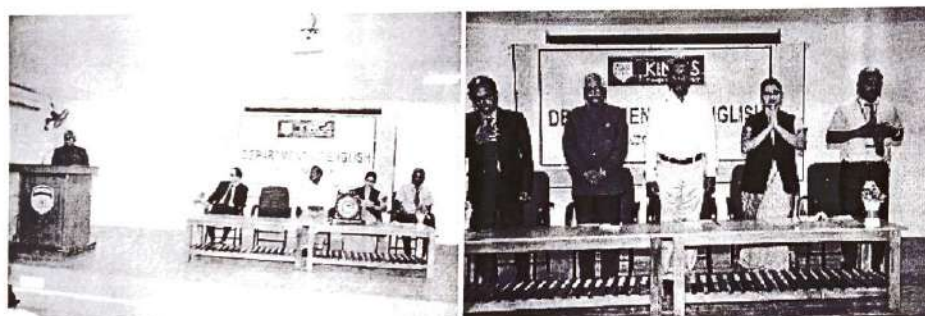
**DEPARTMENT OF ENGLISH**

**24.09.2019**

### **Report of "Communication Skills for Professionals" workshop**

A one-day workshop on "Communication Skills for Professionals" for the 3rd year students of Kings College of Engineering was organized at Pallava Hall from 9.30 am to 4.30 pm on 24th September 2019 by the Department of English.

The Chief Resource person, Dr. G. Arunachalam, Professor & Head of the Dept. of English Raja Serfoji Govt. College(Autonomous) Thanjavur. Dr.R.Senguttuvan, Head/English welcomed the gathering and Mr.P. Rajeshwaran, Assistant Professor, introduced the Resource person.



The workshop was inaugurated by Dr. R. Rajendran, Secretary in the presence of Dr. J. Arputha Vijaya Selvi, Principal and Dr. S. Sivakumar, Vice Principal. In his inaugural speech, Dr. R. Rajendran spoke the necessity of learning English and on acquiring LSRW Skills. Dr. J. Arputha Vijaya Selvi, Principal urged the participants to make use of the workshop to the maximum extent possible in order to enhance their communication skills. Dr. S. Sivakumar, Vice Principal delivered felicitation address. In his address he informed the students to inculcate reading as a profession not as a hobby in order to enrich their communication skills.

During the first session of the workshop, Dr. G. Arunachalam made a presentation on "Process Strategies" which covered the steps for acquiring communication skills quickly and properly. In the second session, a presentation on "The Role of Inter language in Code

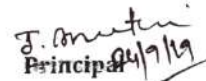


Switching" which gave necessary tips of learning English with the help of mother tongue. And he made the students to speak by conducting few activities.

In the last session, the resource person Dr. S. Sanmuga Sundaram, gave a lecture on "Communicating to Succeed: Points to Ponder" and some useful tips on Learning English by listening native speakers. He focused on "Sub Conscious language acquisition" and "Conscious Learning" Then Ms. C. Jansirani, Assistant Professor of English read a short report based on students' feedback. Finally Mr. K. Anandharaj, Assistant Professor of English delivered vote of thanks and everyone respected the national anthem.

  
Head/English

  
Head/English

  
Principal

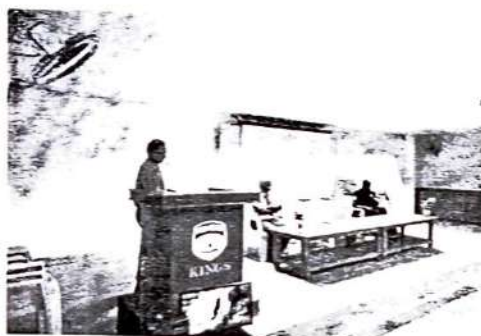




The Secretary, **Dr. R. Rajendran**, presents the inaugural speech



The principal, **Dr. J. Arputha Vijaya Selvi**, felicitates the gathering



The vice Principal, **Dr. S. Sivakumar**, delivers his lecture on work ethics



The Head/English, **Dr. R. Senguttuvan**, gives welcome address



The formal view of the **Office Staff Members**



**Dr. R. Senguttuvan**, delivers his lectures on Radical Features of Prepositions



**DEPARTMENT OF TRAINING &  
PLACEMENT**

**CONSOLIDATED LIST OF  
SOFT SKILLS, APTITUDE,  
CAPACITY & ENHANCEMENT  
PROGRAMME**





## DEPARTMENT OF TRAINING AND PLACEMENT

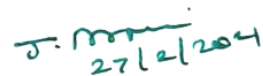
### CONSOLIDATED LIST OF SOFT SKILLS, APTITUDE AND CAPACITY ENHANCEMENT PROGRAMME ORGANISED

2020-21

S NO	COURSE TITLE	NO OF STUDENTS PARTICIPATED	CATEGORY
1.	Soft skills and Aptitude	208	Soft Skills
2.	Technical Training on C,C++	87	ICT/Computing Skills
3.	Technical Training on Six sigma	83	ICT/Computing Skills
4.	Technical Training on Survey	39	Technical Skills

  
FACULTY INCHARGE 27/2/21

  
HoD

  
27/2/2021  
PRINCIPAL  
PRINCIPAL  
Kings College of Engineering.  
PUNALKULAM - 613 303.



## Report - On Training Programme

### Report No: 1

**Ref No:** KCE/T&P/P001 dated 05/01/2021

**Program:** Training On Soft Skills, Aptitude & Technical

**Date:** 22-02-2021 to 27.02.2021 (6 Days)

**Trainers:** M/s. Next Vision Solutions. Chennai.


**Venue:** Block II

**Total no of students trained:** CSE- 44, ECE - 43.

The Aptitude, Soft skills and technical training programme was organized by the Department of Training & Placement for the IV year CSE & ECE students' total 87 were trained. The training sessions on various topics of Aptitude like Numbers, Surds, Clock, Calendar, Time speed & Distance, Profit & Loss, Problems on train, Problems on age and data interpretation and on Soft Skills like Interpersonal Skills, GD, Interview Skills and management games were entertained. And also an online aptitude test was conducted on company based questions and technical training was given to the students on C, C++ & JAVA.

The students were given effective training materials for both aptitude and soft skills for regular practice and reference. The session successfully accomplished by Dr. S. Sivakumar Vice Principal, the T&P staff members, trainers and students were discussed about usefulness of the training programme.

Feedback from Trainers and the students were collected.

  
VICE PRINCIPAL / HEAD - T&P



### **Report - On Training Programme**

#### **Report No: 2**

**Ref No: KCE/T&P/T001 dated 16/02/2021**

**Program: Training On Soft Skills, Aptitude & Technical**

**Date: 23.02.2021 & 24.02.2021 / 10.03.2021 & 13.03.2021 (6 Days)**

**Trainers: M/s. Next Vision Solutions. Chennai.**

**Venue: Block II**

**Total no of students trained: MECH A&B- 68 & EEE- 15**

The Aptitude & Soft skills training programme was organized by the Department of Training & Placement for the IV year Civil & MECH students' total 83 were trained. The training sessions on various topics of Aptitude like Numbers, Surds, Clock, Calendar, Time speed & Distance, Profit & Loss, Problems on train, Problems on age and data interpretation and on Soft Skills like Interpersonal Skills, GD, Interview Skills and management games were entertained and technical training was given to the students on Six Sigma.

The students were given effective training materials for both aptitude and soft skills for regular practice and reference. The session successfully accomplished by Dr. S. Sivakumar Vice Principal, T&P staff members, trainers and students were discussed about usefulness of the training programme.

Feedback from Trainers and the students were collected



**VICE PRINCIPAL / HEAD - T&P**



**ACADEMIC YEAR**  
**2019-2020**



# **DEPARTMENT OF CIVIL ENGINEERING**

## **CAPACITY & SKILL ENHANCEMENT PROGRAMME REPORT**





**Capacity & Skill Enhancement Programme Report Organized during  
2019 - 2020**

S.NO	NAME OF THE CAPABILITY ENHANCEMENT PROGRAM	NUMBER OF STUDENTS ATTENDED
1.	Club Inauguration & Technical events for students	96
2.	One day workshop on "Column Marking & Total Station " for polytechnic students.	38
3.	Department Project Expo	46
4.	Intra Department Paper Presentation	28

  
STAFF IN-CHARGE

  
HOD/CIVIL

**HOD**  
Department of Civil Engineering  
Kings College of Engineering,  
Punalkulam, Thanjavur - 613 303

  
PRINCIPAL  
**PRINCIPAL**  
Kings College of Engineering  
PUNALKULAM-613 303





## DEPARTMENT OF CIVIL ENGINEERING

### EVENT REPORT

Name of the Event: **Inauguration of "BE (Budding Engineers) CLUB"**

Name of the Dept. : **CIVIL ENGINEERING**

Number of Participants : **96 (CIVIL ENGG STUDENTS)**

Name of the Chief Guest: **Dr.S.Sivakumar**, Vice Principal, Kings College of Engineering

Date : **19.02.2020**

Photos:



*Welcome Address by Ms.K.Bhavarohini, AP/Civil*

*About the CLUB by Ms.R.Revathi, Hod/Civil*



*Inaugural Address by Dr.S.Sivakumar, Vice Principal*

*Logo release by Dr.S.Sivakumar, VP*





***Student Events – Identification of Civil Terms***




***Participants***

***Prize Distribution***

  
10/3/2020

**BE CLUB INCHARGE**

 10/3/2020

**HOD/CIVIL**

  
10/3/2020

**PRINCIPAL**





## DEPARTMENT OF CIVIL ENGINEERING

### REPORT

### ONE DAY WORKSHOP ON “COLUMN MARKING & TOTAL STATION” – For Diploma Students

Venue: CHERA HALL, Kings College of Engineering

Date: 06.03.2020

### BACKGROUND & OBJECTIVE

Department of Civil Engineering, Kings College of Engineering organised a One day workshop on “COLUMN MARKING & TOTAL STATION” for diploma civil students on 06.03.2020. An overwhelming response was received from the polytechnic colleges and students showed tremendous interest to attend the workshop. The main aim of the workshop was to bring the diploma students to our college campus, so that they can get hands-on training in Total Station.

### INAUGURAL SESSION

Mr.S.R.Elwin Guru Chanth, AP/Civil welcomed the gathering. The workshop was inaugurated by the Vice Principal, Dr.S.Sivakumar. He graced the occasion as chief guest and delivered the inaugural address. In her address, he elucidated the rising technology and various opportunities in civil Engineering field. Vice Principal also briefed the importance of Civil Engineering in various aspects. Finally while concluding, he encouraged the participants to make use of the college infra structure during the practical sessions.



### *INAUGURAL SESSION*

The Session I was handled by Mr.K.Arun, AP/Civil. He presented about the basic conversions and factors to be known by a Civil Engineering in construction site. He also detailed about measurements, Unit conversions and narrated the diagonal and right angle checking methods using thumb rule. The Session II was handled by Mrs.R.Revathi, HoD/Civil. She presented about the site marking as per the drawing. First she explained the aspects of site marking in white board, and after that she accompanied the participants to the site and handled practical sessions



on site marking. The Session III was handled by Mr.R.Sundharam, AP/Civil. He presented about the Total station and its functions. He briefed about the working principle behind total station and also stated the various uses of total station.



**WORKSHOP SESSION**



## **VALEDICTORY SESSION**

The valedictory session was conducted in the evening which was graced by the department staff members. The session started with the sparkling feedbacks from the external participants, in which the students gave their valuable feedbacks. Finally the participants were awarded with a certificate as an appreciation of their efforts during the workshop.



## ***VALEDICTORY SESSION***

### **OUTCOME:**

Students gained knowledge in Column marking & total station and also gave very good feedback at the end of the workshop. Most of the students showed interest to join Engineering. The Participants database was collected in the registration form.

  
6/3/2020  
COORDINATOR

  
10/3/2020  
HOD/CIVIL

  
10/3/2020  
PRINCIPAL





## **DEPARTMENT OF CIVIL ENGINEERING** **REPORT – DEPARTMENT PROJECT EXPO'2020**

**03.06.2020**

### **BACKGROUND & OBJECTIVE:**

Department of Civil Engineering, Kings College of Engineering organized the “**Department Project Expo'2020**” for IV year Civil Students on 03.06.2020. The main objective of this project expo is to provide a platform the students to present their 8<sup>th</sup> semester project work. Mr.K.Arun, AP/civil organized the project expo. Ms.R.Revathi, HoD/Civil & Ms.M.Priya, AP/civil were the Jury members for the project expo.

### **EXPO DETAILS:**

11 batches participated in the Project expo. Students presented about their project through Google Meet. Each batch was given 15 minutes duration to explain their project. A Jury panel comprising of two senior faculty members evaluated the projects and gave feedback & valuable comments to the students. Based on the presentation, PPT content and outcome, marks were awarded by the Jury panel and 2 projects were selected for rewards.

S No	Batch Members	Year/ Sem	Project Title	Category
1	V.VIJAY	IV / VIII	EXPERIMENTAL INVESTIGATION ON STRENGTH & STRUCTURAL PROPERTIES OF M40 GRADE CONCRETE USING RIVER SAND, M-SAND,DUNE SAND WITH CRUSHED STONE AGGREGATE	<b>Innovative Project</b>
2	D.ANUSIYA R.APURVA R.MAHASRI T.NANDHINI	IV / VIII	EXPERIMENTAL INVESTIGATION OF GREY WATER FROM VERMIFILTER AND NATURE MEDIUM	<b>Best Project</b>

### **OUTCOME:**

Final year students eagerly participated in the Project Expo'2020. Students gained knowledge about online presentation and got valuable feedback from the faculty members which will be very much useful for their viva voce examinations.



## SOME GLIMPSES OF THE PROJECT EXPO



Questions Responses 11

**DEPARTMENT PROJECT EXPO'2020**

Organised by Department of Civil Engineering, Kings College of Engineering on 03.06.2020

Name

Short answer

Short answer text

Project Expo ☆

Questions Responses 11

11 responses

Accepting responses

Summary Question Individual

Name

11 responses

M. Dhilipan

S. VINITHA

M. Kavijarasan

L. Jayaseelan, M. Mugilarasan, M. Nithish Kumar, V. Santhosh Kumar

Lydia Inuthaya Raji

**FINENESS MODULUS**

sieve size	Weight retained (g)	Weight passing (g)	Weight retained (%)	Weight passing (%)	Fineness modulus
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150	0	100	0.00	100.00	
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600	0	100	0.00	100.00	
1180	0	100	0.00	100.00	
2500	0	100	0.00	100.00	
475	0	100	0.00	100.00	
75	0	100	0.00	100.00	
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## DEPARTMENT OF CIVIL ENGINEERING

### REPORT – INTER DEPARTMENT PAPER PRESENTATION-2020

04.06.2020

#### **BACKGROUND & OBJECTIVE:**

Department of Civil Engineering, Kings College of Engineering organized the “**Inter Department Paper Presentation-2020**” for II year & III year Civil Students on 04.06.2020. The main objective of this event is to provide a platform the students to improve their presentation and communication skills. Mr.K.Ranjith & Ms.K.Bhavarohini, AP/civil organized the event. Ms.R.Revathi, HoD/Civil & Ms.T.Bhuvaneswari, AP/civil were the Jury members for the Inter department paper presentation.

#### **EVENT DETAILS:**

14 batches participated in the paper presentation event from II year & III year Civil. Students presented their paper through Google Meet. Each batch was given 15 minutes duration to explain their paper. A Jury panel comprising of two senior faculty members evaluated the presentation and gave feedback & valuable comments to the students. Based on the presentation, PPT content and outcome, marks were awarded by the Jury panel and 2 best projects (each one from II year & III year) were selected for rewards.

S No	Batch Members	Year/ Sem	Project Title
1	D.Dhinakaran	II/IV	Manufacturing process of concrete
2	M.Soundariya	III/VI	Advanced Transportation system

#### **OUTCOME:**

II year & III year Civil Students eagerly participated in the paper presentation event. Students gained knowledge about online presentation and got valuable feedback from the faculty members which will be very much useful for their future endeavors.



## SOME GLIMPSES OF THE EVENT

**KINGS**  
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**COLLEGE OF ENGINEERING**  
Recognised by UGC 2(F) & 12(B)  
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

**DEPARTMENT OF CIVIL ENGINEERING ORGANIZES**  
**INTER DEPARTMENT PAPER PRESENTATION-2020**

Who can Participate  
2nd Year & 3rd Year Civil Students  
**CLICK TO REGISTER NOW!**  
<https://forms.gle/KSTvT7DeZfoq497>

2020 June 4 THURSDAY  
WIN EXCITING PRIZES

Mr.K.RANJITH  
Ms.K.SHAVAROHINI  
COORDINATOR

Ms.R.REVATHI  
HOD/CIVIL

Dr.J.ARPUTHA VIJAYA SELVI  
PRINCIPAL

INTER DEPARTMENT PAPER PRESENTATION'2020

Questions Responses

ORGANIZED BY DEPARTMENT OF CIVIL ENGINEERING, KINGS COLLEGE OF ENGINEERING

Email address \*

Valid email address

This form is collecting email addresses. [Change settings](#)

INTER DEPARTMENT PAPER PRESENTATION'2020

Questions Responses

14 responses

Accepting responses

Summary Question Individual

Who has responded?

Email

nandhiniravisk01@gmail.com

antonyjce2000@gmail.com

yuviaravith2000@gmail.com

**MODES OF TRANSPORTATION**

- ROADWAYS - SLOW AND EXPENSIVE
- RAILWAYS - RELATIVELY SLOW
- WATERWAYS - RELATIVELY SLOW
- AIRWAYS - EXPENSIVE
- PIPELINES.....?

Ranjith K (You)

Buvana buvi

Arun Kannan

Soundariya Mani

**Batchin**

**Weight Batchin**

Weight batchin is the correct method of measuring the materials.  
Use of weight system in batchin. Facilities, accuracy, flexibility and simplicity.  
Large weight batchin plants have automatic weighing equipment.  
On large work sites, the weight batchin type of weighing equipment's are used.

Ranjith K (You)

sundharam KR

Arun Kannan

DHINAKARAN D

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Recognised by UGC 2(F) & 12(B)  
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**DEPARTMENT OF CIVIL ENGINEERING**  
**CERTIFICATE OF APPRECIATION**

This is to certify that Mr./Ms. \_\_\_\_\_ of  
III year Civil has presented a paper \_\_\_\_\_  
in the "INTER DEPARTMENT PAPER PRESENTATION-2020"  
organized by the Department of Civil Engineering, Kings  
College of Engineering, Thanjavur, on 04.06.2020 and won  
"Best Paper Award"

COORDINATOR HOD/CIVIL PRINCIPAL

*[Signature]*  
27/7/20  
**STAFF INCHARGE**

*[Signature]*  
27/7/2020  
**HOD/CIVIL**

*[Signature]*  
27/7/2020  
**PRINCIPAL**



**DEPARTMENT OF COMPUTER SCIENCE &  
ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### Capacity & Skill Enhancement Programme Report organized during 2019 - 2020

S.No	Name of the capability enhancement program	Number of students trained
1.	Guest Lecture on "Counters in DPSD"	36
2.	Guest Lecture on "Data Warehousing, Data Mining & Big Data"	39
3.	Hands on Training in System Assembly	37
4.	Basic Design Activity using Photoshop	23
5.	Guest Lecture on "Oracle Architecture & ITIL Concepts"	30
6.	Basic Web design activity	30

S. Ravi 20/7/20

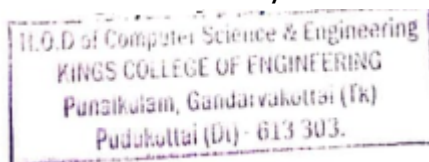
Overall Coordinator

S. J. 20/7/20

HOD/CSE

S. Ravi 20/7/2020

Principal



**PRINCIPAL**  
Kings College of Engineering,  
PUNALKULAM - 613 303.



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Capacity & Skill Enhancement Programme Report organized during  
2019 - 2020**




**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
ACADEMIC YEAR 2019-2020/ODD SEMESTER**

**Technical Event Report**

1. Name of the Event : Guest Lecture
2. Date & Session : 07.08.2019 & FN
3. Venue : Lab I Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Ms.P.Nalayini,AP,Dept of CSE
6. Topic : **Counters**
7. Organized for : II yr Students
8. Number of Participants : **36**
9. Purpose : To give Lecture on Counters topic in Digital Principles & system Design.
10. Resource Person : Ms.G.Prathiba M.E (Ph.D)  
Teaching Fellow,  
Department of ECE,  
University College of Engineering,  
Ariyalur.

  
**Coordinator**

  
**HOD/CSE**



## **SUMMARY REPORT – GUEST LECTURE**

Guest lecture for this Academic Year (2019-20 odd sem) for II Year (Batch: 2018 – 2022) was organized by CSE department on 07.08.19. The major objective of the program was to make the students to know the academic aspects of the theory subject “Digital Principles & System Design” and provided an exposure about Counters. Ms.G.Prathiba M.E (Ph.D)/Teaching Fellow, Department of Electronics & Communication Engineering, University College of Engineering, Ariyalur delivered the lecture.

The Topics covered was

- ✓ Basics of Counters
- ✓ Synchronous counter.
- ✓ Asynchronous counter
- ✓ Up down counter
- ✓ Benefits of counters


### **Outcome**

Upon completion of this guest lecture, students are able to understand the Basics and types of counters in Digital Principles & System Design and also solved problems in their academic syllabus.



Ms.G.Prathiba M.E (Ph.D) gave lecture on Counters on 07.08.19

  
**Coordinator**

  
**HOD/CSE**






**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2019-2020/ODD SEMESTER**

**Technical Event Report**

1. Name of the Event : Guest Lecture
2. Date & Session : 12.09.2019 & AN
3. Venue : Lab I Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Ms.P.Nalayini,AP,Dept of CSE
6. Topic : Data Warehousing, Data Mining &  
Big Data
7. Organized for : IV yr Students
8. Number of Participants : 39
9. Purpose : To give Lecture on Data Warehousing  
Data mining and Big data
10. Resource Person : Dr.N.Suguna,  
Assistant Professor,  
Department of CSE,  
Government College of Engineering,  
Sengippatti, Thanjavur

  
**Coordinator**

  
**HOD/CSE**



## **SUMMARY REPORT – GUEST LECTURE**

Guest lecture for this Academic Year (2019-20 odd sem) for IV Year (Batch: 2016 – 2020) was organized by CSE department on 12.09.19. The major objective of the program was to make the students to know the subject “Data Warehousing Data mining & Big data” and provided an exposure about data mining techniques. Dr.N.Suguna, Assistant professor , Department of Computer Science & Engineering, Government College of Engineering, Sengippatti delivered the lecture.

The Topics covered was

- ✓ Data mining basic concepts
- ✓ Classification Techniques
- ✓ Association Rules
- ✓ Data mining tools & applications

### **Outcome**

Upon completion of this guest lecture, students are able to understand the basic concepts in Data mining, evaluate & implement a wide range of emerging & newly adopted methodologies and technologies to facilitate the knowledge discovery .



Dr.N.Suguna,AP/CSE, GCE Sengippatti gave lecture on Data mining concepts on 12.09.19

**Coordinator**

**HOD/CSE**



## **REPORT ON IEI “Hands on Training in System Assembly” ON 20.12.19**

IEI Students Chapter and Department of CSE jointly organized “Hands on training in System Assembly” on 20.12.19. IEI student 37 members (II Year) had attended this training. The objective of this training was to gain the knowledge in the area of system assembly which will be helpful to understand the subject. The IEI members had the real time experience and also cleared their doubts during that session.

### **Resource Person Details:**

Mr.Selvakumar,  
Technical Assistant,  
Kings College of Engineering

### **Topics Covered in the workshop:**

- Identification of components and its functionalities



Mr.Selvakumar demonstrates the assembly of a system.

S. Puri

**Dept.IEI Coordinator**

S. J.

**HOD/CSE**





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Department of Computer Science Engineering  
 Academic Year 2019-2020 (Even Semester)

Event: 01

**Report**

**Name of the Event** : Certificate Design Competition  
**Name of the Dept** : CSE-Multimedia Club  
**Number of Beneficiaries/Participants:** II- CSE  
**Name of the Faculty Incharge** : M.Arun  
**Date** : 11-01-2020  
**Photos:**



**View of Design Competition**

Coordinator

HOD/CSE





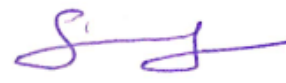
## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACADEMIC YEAR 2019-2020/EVEN SEMESTER

#### Technical Event Report

1. Name of the Event : Guest Lecture
2. Date & Session : 13.01.2020 & FN
3. Venue : Lab I Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Ms.P.Nalayini,AP,Dept of CSE
6. Topic : Oracle Architecture and the ITIL Concepts
7. Organized for : II yr Students
8. Number of Participants : 30
9. Purpose : To give a Lecture on Oracle Architecture and the ITIL Concepts .
10. Resource Person : Mr.K.Sathish Raj,  
Oracle Database Admin,  
IBM India Private Limited,  
Chennai.

  
Coordinator

  
HOD/CSE



## **SUMMARY REPORT – GUEST LECTURE**

Guest lecture for this Academic Year (2019-2020 Even sem) for II Year (Batch: 2018 – 2022) was organized by CSE department on 13.01.2020. The major objective of the program was to make the students to know about “Oracle Architecture and the ITIL Concepts” and provided an exposure about ITIL concepts. Mr.K.Sathish Raj, Oracle Database Admin,IBM India Private Limited,Chennai delivered the lecture.

The Topics covered was

- ✓ What is IT?
- ✓ Oracle DB introduction
- ✓ What is ITIL?
- ✓ What is required now?


### **Outcome**

Upon completion of this guest lecture, students are able to understand the basic Oracle architecture and know about how the set of best-practice processes are integrated for delivering IT services to customers.

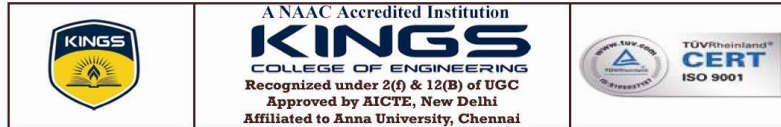


Mr.K.Sathish Raj, Oracle Database Admin,IBM India Private Limited,Chennai gave lecture on Oracle Architecture & ITIL Concepts on 13.01.2020

  
**Coordinator**

  
**HOD/CSE**

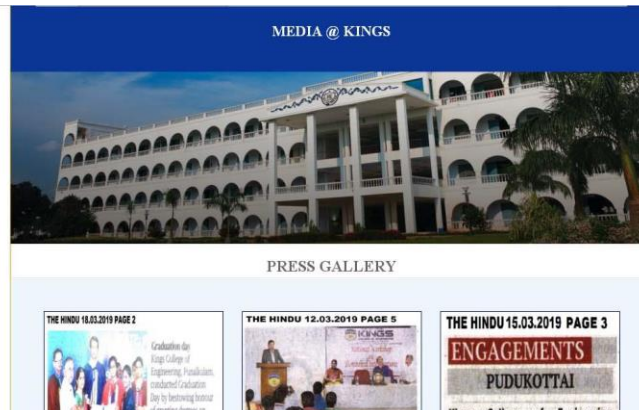




**Department of Computer Science Engineering**  
**Academic Year 2019-2020 (Even Semester)**  
**Web Design Activity Report**

**Date:16.02.2020**

Multimedia Club conducted basic **Wed Design Activity** for **III CSE and IV CSE** students members in CSE Lab. During the event students were designed web pages using macromedia dreamweaver. At the end of the events students were able to enhance their designing skills and creativity.



College kings @ media Web page were developed by Multimedia Club Members



Multimedia Club Member working with dreamweaver and creating Web page design

**Coordinator**

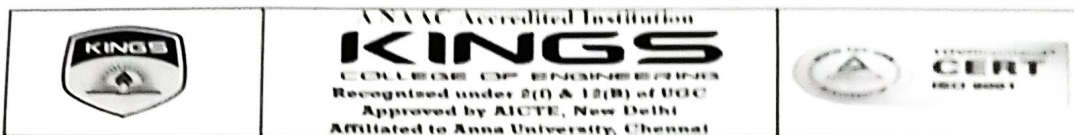
**HOD/CSE**



**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**





## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Capacity & Skill Enhancement Programme Report Organized during 2019 - 2020

S.No	Name of the capability enhancement program	Number of students Trained
1.	Workshop on Higher education & role of Engineers in Future India	86
2.	Workshop on "Machine Learning Using Python."	45
3.	Guest Lecture on "Recent trends in Printable Antennas"	45
4.	Workshop on "Embedded systems".	52
5.	Guest Lecture on "Indigenous Innovation"	52
6.	Guest Lecture on "Renewable Energy sources".	44
7.	Guest Lecture on "Biomedical Instrumentation".	142
8.	Workshop on "IOT using Raspberry pi".	51

T. Perumal  
Overall Coordinator

HOD/ECE

Principal

**H.O.D.**  
ELECTRONICS AND COMMUNICATION ENGINEERING  
**KINGS COLLEGE OF ENGINEERING**  
PUNALKULAM - 613 303.  
GANDARVAKOTTAI TALUK, PUDUKOTTAI DISTRICT

**PRINCIPAL**  
Kings College of Engineering  
PUNALKULAM - 613 303.





**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**ACADEMIC YEAR 2019-20 EVEN**

Report for

## **ONE DAY WORKSHOP ON**

# **“HIGHER EDUCATION & ROLE OF ENGINEERS IN FUTURE INDIA”**

**Prepared by**

**Mr. R. Thandayuthapani AP/ECE**

**Mr. S. Sivakumar AP/ECE**





DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ACADEMIC YEAR 2019-20 EVEN

ONE DAY WORKSHOP ON

**“Higher Education & Role of Engineers in Future India”**

**POST WORKSHOP REPORT**

<b>Event</b>	: Workshop
<b>Title</b>	: Higher Education & Role of Engineers in Future India
<b>Date</b>	: 06.03.2020
<b>Technical Sponsor</b>	: IEEE Students Branch-STB16621
<b>Number of Beneficiaries</b>	: External: 16 Internal participants: 05
<b>Resource Persons</b>	: 1. Dr. A. Senthil kumar, Project Scientist, IIT - Chennai . 2. Mr.K. Amirtha Ganesh, Director, Armada Industrial Automation 3. Mr.T.Pasupathi AP/ECE, KCE.
<b>Venue</b>	: Pallava Hall

Department of Electronics and Communication Engineering organized a one day **Workshop** on **“Higher Education & Role of Engineers in Future India** for polytechnic students on 06.03.2020. 16 students from various polytechnic colleges in and around Thanjavur and Pudukkottai district were participated in this event. The main objective of this event is to educate the students for choosing their higher education. At end of this workshop students understood the importance of engineering, how to prepare themselves to place in NIT and IIT, opportunities in government sector and how to become an entrepreneur. Participants extended their fullest effort for the workshop. Welcome address delivered by Mrs. N. Mangaiyarkarasi AP/ECE, Academic coordinator/ECE, Mrs. D. Vennila AP/ECE introducing the chief guests, Dr. T. Shanthi AP/ECE., Project officer delivered the inaugural address& Mr. R. Thandayuthapani delivered the vote of thanks.



## Snapshots

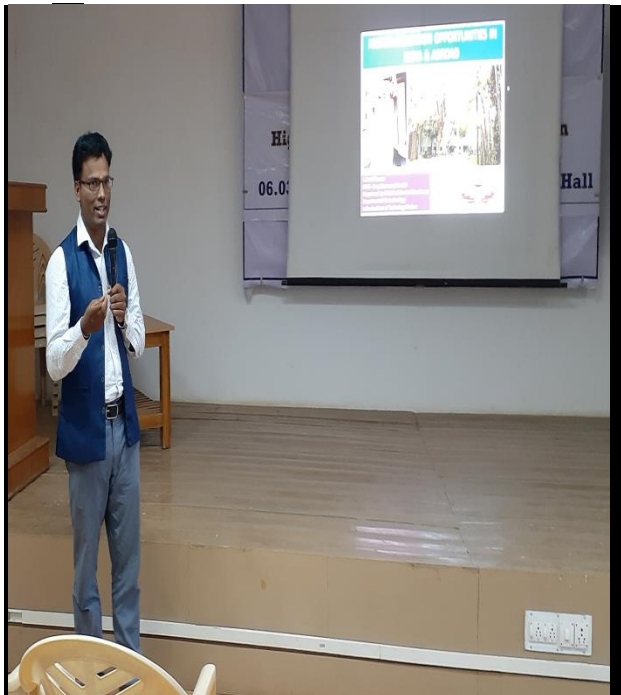


*Dignitaries on the dais during Inauguration*



*Welcome Address by Mrs N. Mangaiyarkarasi AP/ECE*

*Inaugural Address Dr. T. Shanthi, Project Officer*



*Dr. A. Senthil kumar delivered his lecture on Higher Education*

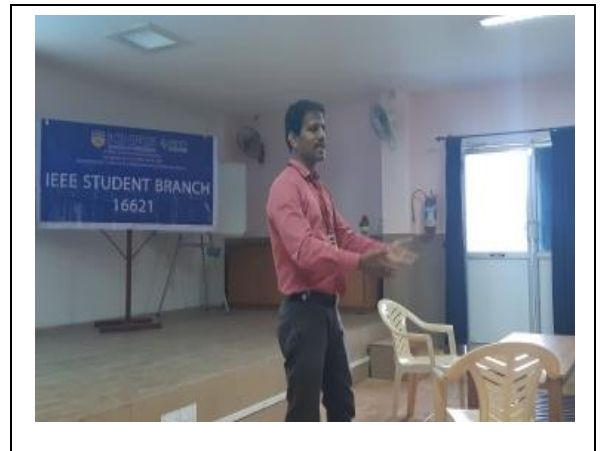


### **Session I:**

Session –I was handled by Dr. A. Senthil kumar, scientist, IIT, Chennai delivered the lecture on higher education, how to get ready for getting admissions in NIT's, IIT's, what are the preliminary steps need to follow for getting higher education at abroad. The students are actively participated in this event, some of the students are interacted with resource person, he clarified all their doubts.

### **Session II:**

Session –I was handled by Mr. K. Amirtha Ganesh, Director, Armada Industrial Automation, Thanjavur. He delivered the lecture on role of engineers in future India, how to choose the career and employability skills. Mr. T. Pasupathi AP/ECE, Kings College of Engineering delivered his lecture on how to become a entrepreneur.



*Mr. K. Amirtha Ganesh & Mr. T. Pasupathi delivered his lecture*



*Feedback session*



*Certificate Distribution*





*National Anthem*

Coordinator

HOD

Principal





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**IEEE Student Chapter Sponsored**

**One Day Workshop**

**On**

**One Day Workshop on Machine Learning Using  
PYTHON**

**Organized by**

**Electronic and communication Department**

**Dated: 14/2/2020**

Faculty Coordinated by : R.Raja Pirian AP/ECE & P.Thirumagal AP/ECE

Total Participants : 77 Students

Place : PALLAVA HALL

Expert Invited : **Mr.KARTHI RENGANATHAN,**  
BUSINESS HEAD,  
IFANDFOR ENDEAVOURS  
CHENNAI.



One day work shop on **Machine Learning using Python** was organized by Department of Electronics and Communication Engineering, to motivate the students to involve them in IoT Domain and also the students to get more ideas about the Machine Learning for their project works and for their career development. Mr.Karthi Renganathan, Business Head, IFANDFOR Endeavours –Chennai, was the resource person.

The workshop begins at 10.15 a.m on 14/02/2020, Mr.P.Raja Pirian, AP/ECE coordinator of the workshop, welcomes the resource person and the gathering. Mrs.P.Thirumagal, AP/ECE coordinator of the workshop give introduction about the Resource person Mr.Karthi Renenga Nathan, Business Head, IFANDFOR Endeavours, Chennai. Mrs.N.Mangiyarkarasi HoD/ECE Honored the Chief guest and delivered the presidential address. Immediately the 1st session begins with introduction about Machine Learning by Mr.Karthi Renenga Nathan, his lecture covers basics of Machine Learning and introduction to python. After the tea break the resource person continued the second session. This session covers the topics such as Linear Regression, Trees and forests which will be used for statistical.

After the Lunch break The 3rd session which was demo session, The resource person demonstrate two applications such as applications using clustering concept, Neural network in a detailed manner. All the students were actively involved in the entire sessions and got more ideas and knowledge in machine learning and python.

After Tea break the workshop ends with valedictory function. Each student from Sri Bharathi Engineering College and St.Joseph College of Engineering and Technology gave feedback about the workshop. After that Mrs.N.Mangaiyarkarasi HoD/ECE, distribute the certificates to the participants followed by Mr.P.Raja Pirian AP/ECE Coordinator of the workshop delivered the vote of thanks. The program ends with national anthem. Nearly 77 students were participated in the workshop, 17 students from other colleges(Sri Bharathi Engineering College for Womens, St.Joshep Engineering College) and 60 students from CSE and ECE of kings college of Engineering.

---



## Photo Gallery

**Prayer Song:**



**Inagural Address By HOD:**



**Prize Distribution**



**Chief Guest Interaction with students**





A one Day Workshop on “Machine Learning using Python” was organized by Department of Electronics and Communication Engineering at Pallava Hall February 14, 2020, in Kings College of Engineering,Punalkulam.

This workshop is coordinated by Mr.R.Raja Pirian AP/ECE & Mrs. P.Thirumagal AP/ECE. Welcome Speech by R.Rahapirian AP, Inagural address by N.Mangaiyarkarasi.HOD/ECE. The 75 students were attended this workshop.

Python has been designed with the provision for creating Machine Learning algorithms. Python is preferred as the best and robust platform for Machine Learning systems. Python also has numerous libraries for machine learning, data manipulation and analysis as well as a very active development community that continuously updates and creates new packages. It has been adopted by a wide variety of industries and applications including Data Science, Machine Learning, Data Analytics, Predictive Analytics, Business Intelligence and Web Analytics. This workshop aims to explore Python Programming right from installation, fundamentals to Machine Learning algorithms.

The lecture was focused on the key concepts related to machine learning and the participants received a brief overview of the following topics: Introduction to Python, Python Installation, Python Basics and Native Types, Functional Programming with Python, Introduction to Machine Learning, Future of Machine Learning in AI, Installing Anaconda and Jupyter, Overview of Numpy and Pandas, Understanding Machine Learning Algorithms, Introduction to Object Detection, Building a Face Recognition App.

### **Outcome of Workshop Target Audience**

- Familiarity with Python installation, syntax and design
- Familiarity with machine learning algorithms
- Hands-on designing of small projects on their own UG students.

### **Highlights of the Workshop**

- Workshop with complete hands-on experience
- Experts from industry with more than 10 years of experience
- Basics of Python and machine learning algorithms



The interesting examples from around the world were the highlight of the session. Workshop was more informative.





## Expert Lecture on Antennas for Defence Applications

Date: 09.08.2019

Venue: Pallava Hall

Time : 10.00 a.m.

- |                               |   |
|-------------------------------|---|
| Invocation Song               |   |
| Welcome Address               | – Dr. S. Sivakumar<br>Vice Principal, KCE   |
| Introducing Guest             | – Dr. J.Arputha Vijaya Selvi<br>Principal, KCE  |
| Presidential Address          | – Dr. R. Rajendran<br>Secretary, KCE  |
| Special Address               | – Dr. D. C. Pande,<br>DRDO Distinguished Fellow<br>Electronics & Radar Development Establishment<br>Bangalore |
| Felicitations                 | – Dr. S. Raghavan<br>Professor/ECE,<br>National Institute of Technology,<br>Trichy                            |
| Interaction with participants |   |
| Vote of Thanks                | – Mrs. U. Jeyamalar<br>Assistant Professor/ECE,<br>KCE  |
| National anthem               |   |



### **EXPERT LECTURE ON ANTENNA MADE SIMPLE**

The students' notion "Antenna is a tough Electromagnetic subject" is proved wrong by Dr. D.C. Pande, Dr. Raja Ramanna DISTINGUISHED DRDO Fellow, Electronics and Radar Development Establishment (LRDE), Bangalore. Dr. D.C Pande, while addressing around 400 students of Kings College of Engineering, Thanjavur, demonstrated that Antenna Engineering, the most important technology of communication, is a child's play. He made the students feel "Antenna is a popular subject of Electronics and Communication Engineering". He asked the students to be thorough in design, fabrication and testing. Dr. R. Rajendran, Secretary and Dr. J. Arputha Vijaya Selvi, Principal, while felicitating Dr. Pande insisted the importance of becoming professional society member.

Dr. S. Raghavan, Professor, NIT Trichy and IEEE senior member, in his address stressed that the engineering students should aspire for core engineering jobs and not for software placements. Earlier Prof. N. Mangaiyarkarasi, Head of the department of ECE, welcomed the gathering and explained about the activities of IEEE society of the college.







# **A REPORT**

## **FOR ONE DAY WORKSHOP ON**

**“Embedded and Real Time Systems”**

**on 16<sup>th</sup> AUGUST 2019**

**Organized by**  
**Department of Electronics and Communication Engineering**  
**KINGS COLLEGE OF ENGINEERING, PUNALKULAM**

**A NAAC Accredited Institution**

**Recognized under 2(f) & 12(B) of UGC**

**(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)**

**Phone : 04362-282474, 282395. Website : [www.kingsindia.net](http://www.kingsindia.net)**



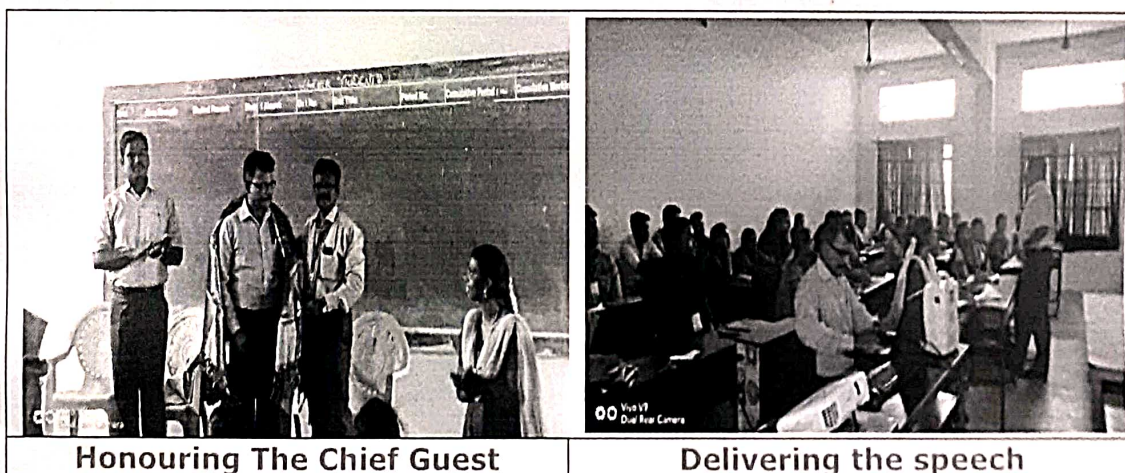
**Name of the Event** : Workshop on Embedded and Real Time Systems  
**Name of the Dept** :ECE  
**Number of Beneficiaries** : 56  
**Name of the Resource Person** : Mr.Arun raja,  
Technical Head, Sofia Technologies Pvt Ltd,  
Madurai  
**Date** :16.08.2019

The Department of Electronics and Communication Engineering organized a one day workshop on “**Embedded and Real Time Systems**” on 16<sup>th</sup> August, 2019 at our college premises.

The Inaugural function was held on 16.08.2019 at 10.00a.m with Chief Guest Mr.Arun raja, Technical Head, Sofia Technologies Pvt Ltd, Madurai.

Dr.Shanthi , Project officer and co-ordinator of the workshop delivered the welcome speech and briefed about the Program followed by Mr. R.Thandayuthapani, AP/ECE, introduced the chief guest. The chief guest was honoured by Mrs.N.Mangaiyarkarasi, HOD/ECE.



**Photos:**



**Honouring The Chief Guest**


**Delivering the speech**



Honouring The Chief Guest	Delivering the speech
	
<p>Honouring The Chief Guest by N.Mangaiyarkarsi, HOD/ECE</p>	<p>Guest Introduction by Dr.T.Shanthi, Project Officer</p>

Fifty six internal participants were participated in this programm. At the valedictory function Mr. R.Thandayuthapani, AP/ECE, Co-ordinator of workshop thanks for all who is helpful for this workshop successful manner.

  
 R. Thandayuthapani  
 COORDINATOR

  
 N. Mangaiyarkarsi  
 HOD/ECE





# **A REPORT FOR GUEST LECTURE ON**

**“INDIGENOUS INNOVATION”**

**on 14<sup>th</sup> AUGUST 2019**

**Organized by  
Department of Electronics and Communication Engineering  
KINGS COLLEGE OF ENGINEERING, PUNALKULAM**

**A NAAC Accredited Institution**

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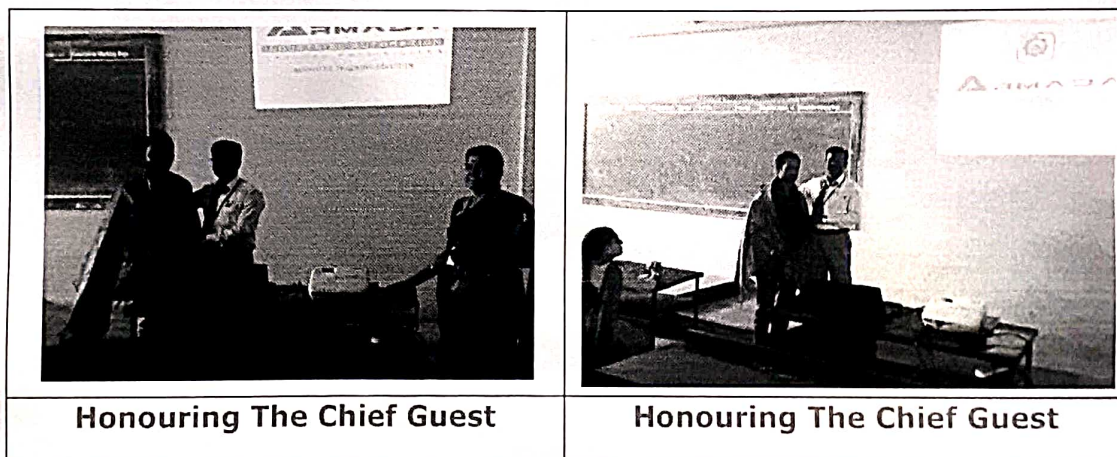
<b>Name of the Event</b>	: Guest lecture on "INDIGENOUS INNOVATION"
<b>Name of the Dept</b>	: ECE
<b>Number of Beneficiaries</b>	: 42
<b>Name of the Resource Person</b>	: Mr.AMIRTHA GANESH, Armada Industrial Automation, Thanjavur.
<b>Date</b>	:14.08.2019

The Department of Electronics and Communication Engineering organized a Guest lecture on "INDIGENOUS INNOVATION" on 14<sup>th</sup> August, 2019 at our college premises.

The Inaugural function was held on 14.08.2019 at 10.00 a.m with Chief Guest **Mr.Amirtha Ganesh (Alumini)**, Armada Industrial Automation, Thanjavur.

Mrs.N.Mangaiyarkarasi, HOD/ECE delivered welcome speech followed by Dr.T.Shanthi , Project officer introduced the chief guest. The chief guest was honoured by Mr.R.Thnadyuthapani, AP/ECE.

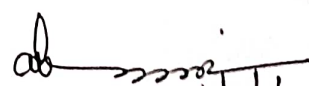
**Photos:**



**Mr.Amirtha Ganesh (Alumini)** gave lecture on INDIGENOUS INNOVATION which was a useful to the participants.

Final year students were participated in this program. At the valedictory function Mr. R.Thandayuthapani AP/ECE, Co-ordinator of Workshop delivered the thanks for all.

  
COORDINATOR

  
+ HOD/ECE 14/9/16





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**ACADEMIC YEAR (2019-2020) ODD SEMESTER**

**Date: 09 .08.2019**

**CIRCULAR**

This is to inform that all the III Year Students are instructed to attend the Guest lecture on **“Renewable energy sources “** on 13.08.19 at 11.00 am to 12.30 pm. Attendance is compulsory.

Resource Person: J.Arockia Raj,  
Assistant Professor,EEE  
Kings College Of Engineering

Venue: Pallava Hall.

**Head of the Department**





Academic year 2019-2020 (ODD SEMESTER)  
Department of Electronics and Communication Engineering

**Report**  
**Guest Lecture on “Renewable Energy Sources”**

Guest Lecture on “Renewable Energy Sources” was organized for third year students of ECE on 13.08.2019 at Pallava Hall. **Mr.J.Arockia Raj, Assistant Professor /EEE, Kings College of Engineering, Punakulam** was the resource person.



Mr.J.Arockia Raj, delivering lecture



A view of participants



Mr.A.Herald,Asst.Prof/ECE, gave a warm welcome to the gathering. Mr.J.Arockia Raj was introduced to the gathering by Mr.T.Pasupathi, AP/ECE. Mrs.N.Mangaiyarkarasi,HOD/ECE honoring the resource person Mr.J.Arockia Raj.

Mr.J.Arockia Raj, delivered a lecture on “Renewable Energy Sources” which includes the concept of Wind Energy, Bio-Mass and IC Engine. He gave brief idea about wind mill, it's functioning and associated aerodynamics as well as site selection for wind farm.

He gave idea about recent technologies and materials like semiconductors, piezoelectric and magnetic materials and their synthesis for manufacturing in renewable energy. He also explained recent technologies and trends in organic solar cells.

While concluding his lecture he interacted with students and clarified the queries raised by the students.

Mr.P.Raja Pirian, Asst.Prof, proposed vote of thanks.





Academic year 2019-20 (ODD)

Department of Electronics and Communication Engineering

Report

**Guest Lecture on “Biomedical Instrumentation”**

Guest Lecture on “Biomedical Instrumentation” was organized for third and final students of ECE and EEE on 07.08.2019 at Pallava Hall. **Dr. Raji Sundararajan, Professor /Electrical Engineering, Purdue University, Indiana, USA** was the resource person.



Mrs.R.Ponni welcome the gathering



Dr. J. Arputha Vijaya Selvi, introducing the person



Dr. Raji Sundararajan, delivering lecture



Mrs.D.Vennila delivering vote of thanks



A view of participants



Mrs.R.Ponni, Asst.Prof/ECE, gave a warm welcome to the gathering. Dr. Raji Sundararajan was introduced to the gathering by Dr.J.Arputha Vijaya Selvi, Principal.

Dr. Raji Sundararajan, delivered a lecture on “Electroporation based therapies for cancer” which includes the concept of Electroporation, Electro Chemotherapy and Electro-Gene therapy. Her lecture was focussed on the molecular and cellular events involved in tumor formation, progression, metastasis, and drug binding is crucial to the development of innovative therapy for cancer patients.

She also briefed the application of high intensity, short duration (milli and micro seconds), electrical voltage pulses for the treatment of breast carcinomas and other cancers, as drug delivery is one of the most challenging issues of the medical community. Dr.Raji Sundararajan shared her experience in treating the cancer patients and challenges faced during the treatment of cancer with application of electrical pulses with real time pictures.

While concluding her lecture she interacted with students and clarified the queries raised by the students.

Mrs.D.Vennila, Asst.Prof, proposed vote of thanks.



# **REPORT**

## **One Day Workshop on**

### **IoT using Raspberry Pi**

**Co ordinators**

**Mr.P.Raja Pirian AP/ECE**

**Mrs.U.Jeyamalar AP/ECE**

**Mr.D.Vennila AP/ECE**

**On**

**19/07/19**



# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## KINGS COLLEGE OF ENGINEERING PUNALKULAM

One day work shop on IoT using Raspberry Pi was organized by Department of Electronics and communication Engineering, to motivate the students to involve them in IoT Domain and also the students to get more ideas about IoT and Raspberry Pi and its interfacing systems. Mr.A.Jeevanantham, Professor/IT from Kongu Engineering College was the resource person.

	
<b>Resource Person</b>	<b>Honoring the chief guest by Dr.T.Shanthi Prof/ECE</b>
	
<b>Welcome Address By Mrs.D.Vennila AP/ECE</b>	<b>Felicitatation Address By Mrs.N.Mangaiyarkarasi HoD/ECE</b>
	
<b>Participants</b>	<b>Participants</b>
	
<b>Distribution of Certificates</b>	



The workshop begins at 10.30 a.m on 19/07/19, Mrs..Vennila, AP/ECE coordinator of the workshop, welcomes the resource person and the gathering. Mr.P.Raja Pirian, AP/ECE coordinator of the workshop give introduction about the Resource person. Dr.T.Shanthi Honored the Chief guest and delivered the presidential address. Mrs.N.Mangiyarkarasi HoD/ECE delivered felicitation address. Immediately the 1st session begins with introduction about IoT by Mr.Jeevananthm, his lecture covers basics of IoT, Architecture of Raspberry Pi. After the tea break the resource person continued the second session. This session covers the topics such as hardware specifications of IoT and detailed lecture about GPIO and its uses.

After the Lunch break The 3rd session which was demo session, The resource person demonstrate two applications such as Interfacing of LED and AC appliances with Raspberry Pi and also communicate with them via cloud. All the students were actively involved in the entire sessions and got more ideas and knowledge based of IoT and Raspberry Pi.

After Tea break the workshop ends with valedictory function. Each student from Anjalaiammal Mahalingam Engineering College and Mount Zion Engineering College gave feedback about the workshop. After that Mrs.N.Mangaiyarkarasi HoD/ECE, distribute the certificates to the participants followed by Mrs.U.Jeyamalar Ap/ECE Coordinator of the workshop delivered the vote of thanks. The program ends with national anthem. Nearly 61 students were participated in the workshop, 41 students from other colleges( Mount Zion, KSK College of Engineering, Anjalai Ammal Mahalingam Engineering College and Sri Bharathi Engineering College for Womens, St.Joshep Engineering College and students from CSE and ECE of college.

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**DEPARTMENT OF ELECTRICAL & ELECTRONICS  
ENGINEERING**

**LIST & WEB LINK OF  
CAPACITY & SKILL ENHANCEMENT  
PROGRAMME**



**DEPARTMENT OF ELECTRICAL & ELECTRONICS  
ENGINEERING**

**List & Web Link of Capacity & Skill Enhancement Programme Organized during  
2019 - 2020**

S.No	Name of the capability enhancement program	Number of Students Trained	Website Link
1.	Paper Presentation	18	<a href="https://kingsengg.edu.in/events_report/ISTE_Paper%20presentation_20.08.19.pdf">https://kingsengg.edu.in/events_report/ISTE_Paper%20presentation_20.08.19.pdf</a>

*P. D. J.*  
20/7/20  
**Overall Coordinator**

*A. Alim*  
20/7/20  
**HOD/EEE**

*J. D. J.*  
20/7/20  
**Principal**  
**PRINCIPAL**  
Kings College of Engineering  
PUNALKULAM - 613 303.





## ISTE-STUDENT CHAPTER (TN 217)

ACADEMIC YEAR 2019-20(EVEN)

### Paper Presentation Report

The ISTE Student Chapter, Kings College of Engineering, Organized a competition on Paper Presentation on the topics

- **Smart Grid**
- **Renewable Energy Sources**
- **Energy Conservation**

on 19.08.2019 between 3.00pm – 4.30pm at Simulation Lab for the ISTE student members of Electrical and Electronics Engineering Department. 18 students were actively participated in this competition. The following students are the prize winners.

POSITION	CLASS	NAME OF THE STUDENT
FIRST	IV EEE	R.PAVITHRA M.RASIKA
SECOND	III EEE	K.PRABAKARAN M.MANO
THIRD	II EEE	S.JAGADESHWARAN R.JAYAPRAKASH



**Students Actively Presenting the Paper Juries at the session**

*[Signature]* 21/8/19

**Staff In-charge**

*[Signature]* 21/8/19

**Head of the Department**



**DEPARTMENT OF MECHANICAL ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**



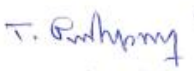



## DEPARTMENT OF MECHANICAL ENGINEERING

### Capacity & Skill Enhancement Programme Report Organized during 2019 – 2020

S.No	Name of the capability Enhancement Programme	Number of Students Trained
1	Guest Lecture on “ Lean Manufacturing”	131
2	Guest Lecture on “Non Destructive Testing (NDT)”	66
3	Technical Quiz on “Mechanical Engineering”	204
4	Webinar on “Recent Trends in Automotives”	343
5	Webinar on “Machine Tools”	513
6	Webinar on “Fundamentals of Product Design”	520
7	Workshop on “Welding Technologies”	108

  
Overan Coordinator

  
HOD/MECH  
Dr. T. PUSHPARAJ, IRE., Ph.D.,  
Prof. & Head - Mechanical Engineering,  
Kings College of Engineering,  
Punakulam-613 303.

  
Principal  
**PRINCIPAL**  
**Kings College of Engineering**  
PUNAKULAM-613 303.



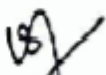
**DEPARTMENT OF SCIENCE  
HUMANITIES,  
DEPARTMENT OF ENGLISH**

**CONSOLIDATE LIST OF  
SKILL ENHANCEMENT PROGRAMME**



**DEPARTMENT OF ENGLISH**  
**SKILL ENHANCEMENT PROGRAMME ORGANIZED DURING 2019-2020**

1.	Two-Day Workshop on 'How to Develop Communication Skill'
2.	Easy Method of Learning English Grammar

  
**HoD/S&H**





**KINGS**  
COLLEGE OF ENGINEERING  
(NAAC Accredited Institution)  
(Approved by AICTE, New Delhi, Affiliated to  
Anna University, Chennai)



TUV CERT  
ISO 9001

## DEPARTMENT OF ENGLISH

ACADEMIC YEAR 2018-19 (EVEN SEMESTER)

### GUEST LECTURE

On

“Easy method of learning English Grammar”

Dates: 22.01.2019 & 28.01.2019

Venue: Lecture Hall

### REPORT

As a part of academic activities, Department of English has organized Guest Lecture on “Easy method of learning English Grammar” for I Year students on 22.01.2019 from 11.30am to 12.30 pm and on 28.01.2019 from 02.00pm to 03.00pm at our first year premise. Mr. S. Muthusamy Ayya, the retired Head Master, who is presently delivering lectures voluntarily to college students in and around Tamilnadu, graced these occasions through his presence.

In his lecture Mr. S. Muthusamy Ayya, discussed about a method of learning English grammars (Tenses & Voices) by using a simple formulae which made the session interesting. He used a short cut method out of which the students can remember well the rules of grammar. All the participants actively interacted with him during the lectures on the both these days. On the first day he delivered his lecture to I ECE, I EEE and I Mech B students whereas on the second day to I Civil, I CSE and I Mech A students. Totally 188 students attended this lecture on both the days. Faculty members of English Department were present during these lectures. At the end of both lectures, the students gave positive feedback as it was easy, interesting and useful for them.

Dept Coordinator

HoD/S&H

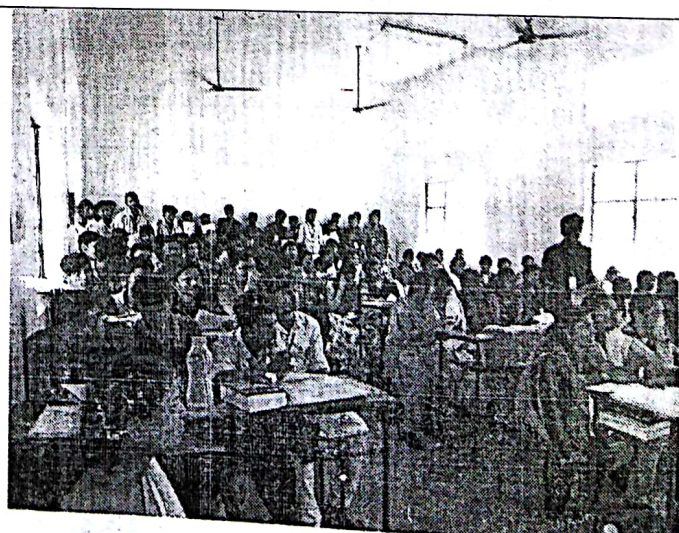
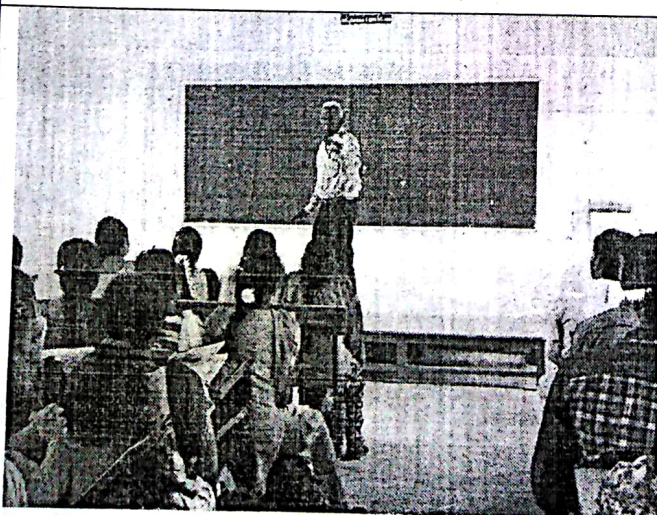
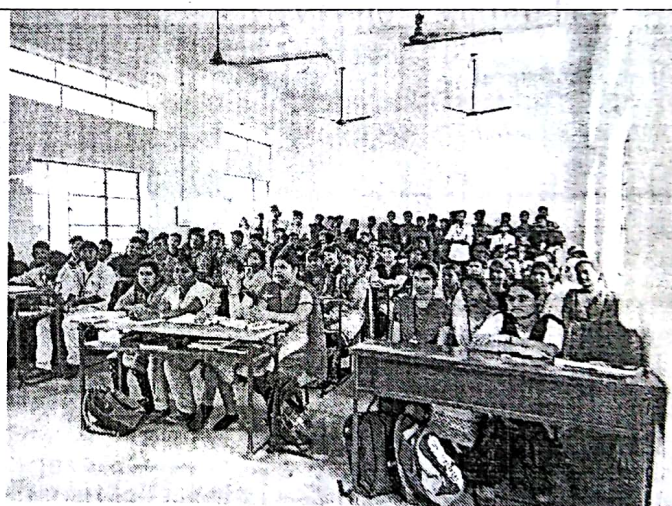
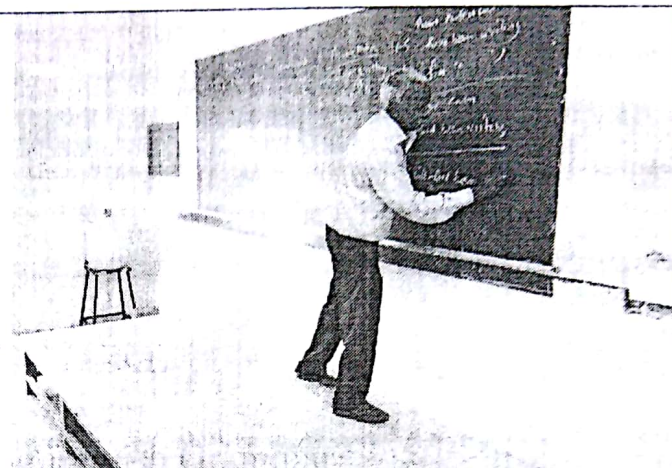
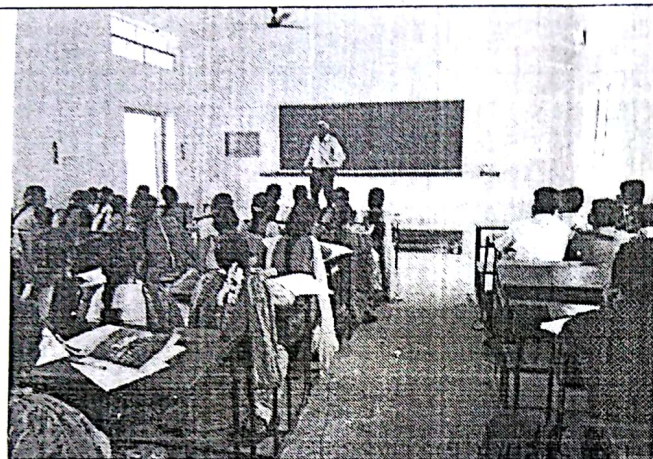
Principal



**GUEST LECTURE**  
On  
“Easy method of learning English Grammar”

Dates: 22.01.2019 & 28.01.2019

Venue: Lecture Hall





## **I Year students' Feedback for Mr. S. Muthusamy Ayya's lecture**

The following comments were received from the students

1. Many Students thanked for his arrival.
2. His teaching was good and easy to understand.
3. He used formulae for teaching grammar.
4. Photocopy Material is simple and easy to understand.
5. His teaching method can be easily learnt by students quickly.
6. Some students wrote that they enjoyed his teaching
7. Many Students commented as "His teaching was so useful"
8. It was a good Motivation & inspiration for us
9. It was interesting and understandable
10. He handled the Grammar well
11. It was a useful class
12. His method was easy for learning English and it was simply super



**DEPARTMENT OF TRAINING &  
PLACEMENT**

**CONSOLIDATED LIST OF  
SOFT SKILLS, APTITUDE,  
CAPACITY & ENHANCEMENT  
PROGRAMME**





## DEPARTMENT OF TRAINING AND PLACEMENT

### CONSOLIDATED LIST OF SOFT SKILLS, APTITUDE AND CAPACITY ENHANCEMENT PROGRAMME ORGANISED

2019-20

S NO	COURSE TITILE	NO OF STUDENTS PARTICIPATED	CATEGORY
1.	Soft skills and Aptitude	246	Soft Skills
2.	Technical Training on JAVA	87	ICT/Computing Skills
3.	Technical Training on PYTHAN,NET WORKING	83	ICT/Computing Skills

*B. S. M. V.*  
27/7/19  
FACULTY INCHARGE

*[Signature]*  
HoD

*J. M. M.*  
27/7/2019  
PRINCIPAL

PRINCIPAL  
Kings College of Engineering,  
PUNALKULAM - 613 303.



## **Report - On Training Programme**

### **Report No: 01**

**Ref No: KCE/T&P/P001 dated 23/07/2019**

**Program: Technical Training on JAVA**

**Date: 27-07-19.**

**Trainers: Mr.R.Mathiarasan, Cloudline Technologies.**

**Venue: Pallava Hall**

**Participated students: CSE- 35, ECE -50.**

The training program began with welcome address by Dr.S.Sivakumar, VP/Head (T&P), then. Our proud alumni **Mr.R.Matharasan, Cloudline Technologies**, handled the training program on 'JAVA' with an effective PowerPoint presentation and pointed out the job opportunities available in software industries. The students clarified their doubts and interact with trainers effectively. Program arrangements were correctly made by Training & Placement staff members. Placement coordinators of various departments were present.

Feedback collected from the students 'participants to make an improvement in future programs.



**VP/Head (T&P)**



## **Report - On Training Programme**

### **Report No: 02**

**Ref No: KCE/T&P/P001 dated 17/09/2019**

**Program: Technical Training on PYTHON, BIG DATA & NETWORKING.**

**Date: 18-09-19.**

**Trainers: Mr.S.Haja Moideen & Mr.R.Gowri Sankar, CMS IT Services Pvt Ltd., Trichy.**

**Venue: Pallava Hall**

**Participated students: CSE- 36, ECE -14, EEE-10.**

The training program began with welcome address by Dr.S.Sivakumar, VP/Head (T&P) and he spoke about the skills required to acquire the job opportunities in the competitive world.

The trainers from CMS IT Services Pvt Ltd. handled the training program on Python, Big Data & Networking with an effective PowerPoint presentation and highlighted the job opportunities existing in software industries. The students clarified their doubts and interact with trainers effectively. Program arrangements were correctly made by Training & Placement staff members and placement coordinators of various departments were present.

Feedback collected from the students 'participants to make an improvement in future programs.



**VP/Head (T&P)**



*Training Report*

### **Report - On Training Programme**

**Report No: 03**

**Ref No: KCE/T&P/P003 dated 20/12/2019**

**Program: Pre - Placement Preparatory Meeting**

**Date: 28-01-20.**

**Trainers: Mr. Vasanth, HR, M/s. HireMee Bengaluru.**


**Venue: Pallava Hall**

**Participated students:** III Year - 52 (CSE - 15, CIVIL - 9, ECE - 15, EEE - 02, Mechanical - 11)

IV Year - 83 (CSE - 18, CIVIL - 13, ECE - 24, EEE - 04 , Mechanical - 24)

The Pre - Placement Preparatory meeting began with welcome address by Dr. S. Sivakumar, VP/Head (T&P), then. Mr. Vasanth of M/s. HireMee discussed with the students about placement procedures prevailing in the present situation and he pointed out the job opportunities available in various fields of engineering. Also he insisted about the skill sets expected by the corporate and how to meet the requirements by developing the required skills by practicing themselves. The students also interacted and clarified their doubt. Program arrangements were correctly made by Training & Placement staff members. Placement coordinators of various departments were present.

Feedback collected from the students participants to make an improvement in future programs.

  
**VP/Head (T&P)**



## **Report – On Training Programme**

### **Report No: 4**

**Ref No: KCE/T&P/P001 dated 06/01/2020**

**Program: Training on Soft Skills, Aptitude & Technical**

**Date: 20-01-20 to 28-01-20 (8 Days)**

**Trainers: Ways Open Consultancy Pvt., Ltd., Chennai.**


**Venue: Block II (Mechanical Classrooms – Ground**

**Total no of students trained: 246 (CSE – 39, CIVIL – 56, ECE – 51, EEE – 12, Mechanical – 88)**

The Aptitude, Soft skills and technical training programme was organized by the Department of Training & Placement for the IV year CSE, ECE & EEE students. The training sessions on various topics of Aptitude like Numbers, Surds, Clock, Calendar, Time speed & Distance , Profit & Loss, Problems on train ,Problems on age and data interpretation and on Soft Skills like Interpersonal Skills, GD ,Interview skills and management games were entertained and as one of the technical trainer was deceased the technical training was canceled.

The students were given effective training materials for both aptitude and soft skills for regular practice and reference. The session successfully accomplished by Dr. S. Sivakumar Vice Principal, the T&P staff members, trainers and students were discussed about usefulness of the training programme.

Feedback from Trainers and the students were collected.

  
**VP/Head (T&P)**



**ACADEMIC YEAR**  
**2018-2019**



# **DEPARTMENT OF CIVIL ENGINEERING**

## **CAPACITY & SKILL ENHANCEMENT PROGRAMME REPORT**





**KINGS**  
COLLEGE OF ENGINEERING  
(NAAC Accredited Institution)  
(Approved by AICTE, New Delhi. Affiliated to  
Anna University, Chennai)



**Capacity & Skill Enhancement Programme Report Organized during  
2018 - 2019**

S.No	Name of the capability enhancement program	Number of Students Attended
1.	Paper Presentation	6

  
23/01/2019  
STAFF IN-CHARGE

  
23/1/19  
HOD/CIVIL

  
23/1/2019.  
PRINCIPAL  
**PRINCIPAL**  
Department of Civil Engineering  
Kings College of Engineering  
Punalkulam, Thanjavur - 613 303  
PUNALKULAM-613 303.





## ISTE STUDENT CHAPTER (TN 217)

Ref.No.: KCE / PRL / ISTE / 03 /18-19(EVEN)

Date : 03.01.19

### Circular

We have planned to conduct Paper presentation for ISTE student members of CIVIL department on 09.01.2019 (Wednesday). Interested students are asked to enroll their name to Mr.M. Manimuhilan, AP/CIVIL on or before 07.01.2019.

### Topics

- Green Concrete
- Causes of Failures and Grouting Techniques
- Renovation Buildings

### Guidelines

- Maximum 2 students are allowed to present a paper
- 10 minutes will be given for each paper. 8 minutes for presentation and 2 minutes for queries.
- Last date for paper submission (both soft & hard copy) is 08.01.19.
- Paper acceptance is based on first come first served.
- Three teams will be selected for the prize.
- If the rules are violated, then the participants will be rejected immediately.
- Judges decision will be final.

  
Coordinator / ISTE Chapter

  
03/1/19  
PRINCIPAL

Circulated to

HoD – CIVIL

To be read in all CIVIL Department classes





**ISTE-STUDENT CHAPTER (TN 217)**  
**ACADEMIC YEAR 2018-19(ODD)**  
**Paper Presentation Report**

The ISTE Student Chapter, Kings College of Engineering, Organized a competition on Paper Presentation on the topics

- **Green Concrete**
- **Causes of Failures and Grouting Techniques**
- **Renovation Buildings**

on 9.01.2019 between 1.10pm – 2.00pm at Hall No.235 for the ISTE student members of Civil Engineering Department. 6 students were actively participated in this competition. The following students are the prize winners.

POSITION	CLASS	NAME OF THE STUDENT
FIRST	II CIVIL	M. SOUNDARIYA
SECOND	IV CIVIL A	S. AMARSELVAN
THIRD	III CIVIL	R.APURVA



*Students Actively Presenting the Paper*

  
**COORDINATOR**  
 11/1/19

  
**PRINCIPAL**



**DEPARTMENT OF COMPUTER SCIENCE &  
ENGINEERING**


**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**


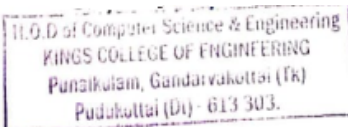


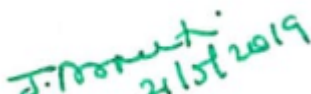
## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### Capacity & Skill Enhancement Programme Report Organized during 2018 - 2019

S.No	Name of the capability enhancement program	Number of students trained
1.	Bridge course on "An introduction to HTML tags"	39
2.	Guest Lecture on "Turing Machine in Theory of Computation"	41
3.	Guest Lecture on "AVL Tree in Data Structures"	49
4.	Bridge Course on "Unix Operating System"	46
5.	Bridge Course on "Android Installation"	31
6.	Hands on training in System Assembly	17
7.	Guest Lecture on "Compiler Design"	39

  
Overall Coordinator

  
HOD/CSE  


  
Principal  
PRINCIPAL  
Kings College of Engineering,  
PUNALKULAM - 613 303.



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### Capacity & Skill Enhancement Programme Photographs organized during 2018 - 2019

#### SUMMARY REPORT – Bridge Course

To enrich the knowledge of the students and make them to strong in technical skill, Introductory class is used. The main objective of this class is to provide a platform to the students to understand their academic subjects.

Web services and its relevant programs are essential in this moment. HTML is the basic Markup language which is used to develop web service program. To meet up the current requirements the third year students had an experience in “An Introduction to HTML Tags” which was handled by Ms.G.Chandrababha AP / CSE. In the first session, basic concepts and syntax of HTML was explained and followed by hands on training was conducted. Totally 39 students were attended the session.



Ms.G.Chandrababha AP/ CSE explained various tags used in HTML language and the students were executed the tags

#### ***COURSE OUTCOME***

Upon completion of this class, students should be able to:

- Understand the basic concepts behind web page creation
- Do their lab classes in an effective manner.
- May use the concepts to create layout for department activities

**Bridge Course Coordinator**

**HOD/CSE**





## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACADEMIC YEAR 2018-2019/ODD SEMESTER

#### Technical Event Report

1. Name of the Event : Guest Lecture
2. Date & Session : 23.08.2018 & AN
3. Venue : Class Room, Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Ms.R.Ranitha, AP,Dept of CSE
6. Topic : Turing Machine in Theory of Computation
7. Organized for : III yr Students
8. Number of Participants : 41
9. Purpose : To give Lecture on Turing Machine  
in Theory of Computation
10. Resource Person : K.S.Guruprakash M.E (Ph.D),  
Assistant Professor/CSE,School of Computng,  
VEL TECH Rangarajan Dr.Sagunthala R&D  
institute of science and technology,  
Avadi, Chennai

A handwritten signature in purple ink, appearing to read 'R. Ranitha'.

**Event Coordinator**

A handwritten signature in purple ink, appearing to read 'S. S.'.

**HOD/CSE**



### **SUMMARY REPORT – GUEST LECTURE**

Guest lecture for this Academic Year (2018-19 odd sem) for III Year (Batch: 2016 – 2020) was organized by CSE department on 23.08.18. The major objective of the program was to make the students to know the academic aspects of the theory subject “Theory of computation” and provided an exposure about Advanced topics. K.S.Guruprakash M.E (Ph.D), Assistant Professor/CSE,School of Computng,VEL TECH Rangarajan Dr.Sagunthala R&D institute of science and technology, Avadi, Chennai

The Topics covered was

- ✓ Overview Theory of computation
- ✓ Turing Machine
- ✓ Finite Automata
- ✓ Discriminate Finite Automata
- ✓ Solved problems as example

#### **Outcome**

Upon completion of this guest lecture, students are able to understand the basics of Theory of computation and its problems



Mr. K.S.Guruprakash M.E (Ph.D) AP / CSE gave lecture on Theory of Computation on 23.8.18

**Event Coordinator**

**HOD/CSE**





## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019/ODD SEMESTER

### Technical Event Report

1. Name of the Event : Guest Lecture
2. Date & Session : 25.08.2018 & AN
3. Venue : CSE Lab I, Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Ms.R.Ranitha, AP,Dept of CSE
6. Topic : AVL tree in Data structures
7. Organized for : II yr Students
8. Number of Participants : 49 students
9. Purpose : To give Lecture on Data structures
10. Resource Person : Dr.S.Senthil kumar,  
Associate Professor /CSE  
UCE,Pattukkottai.

Event Coordinator

HOD/CSE



## **SUMMARY REPORT – GUEST LECTURE**

Guest lecture for this Academic Year (2018-19 odd sem) (Batch: 2017-2021) for II Year was organized by CSE department on 25.08.18. The major objective of the program was to make the students to know the academic aspects of the theory subject “Data Structures” Dr.S.Senthil kumar, Associate Professor/CSE, UCE, Pattukkottai. Delivered a lecture on Data Structures.

The topics covered was

- ✓ Introduction to Data structures
- ✓ AVL tree Structure
- ✓ Sorting & its Types
- ✓ Searching & its types

### **Outcome**

Upon completion of this guest lecture, students are able to understand the concepts of “Data Structures”.



Dr.S.Senthil Kumar,Associate. Professor, Dept of CSE,UCE-PKT delivering guest lecture on Data Structures on 25.8.18

**Event Coordinator**

**HOD/CSE**



## **SUMMARY REPORT – Bridge Course**

To enrich the knowledge of the students and make them to strong in technical skill, Introductory class is used. The main objective of this class is to provide a platform to the students to understand their academic subjects. There are two introductory classes were planned to equip the students knowledge,

1. **Unix Operating System** – II Year – **46 members** were attended
2. **Android Installation** – III Year – **31 members** were attended



Mr.S.Rajarajan AP / CSE had taken the basics of Unix Operating System and hands on training





***Mr.R.Palaniappan and his team members (Info Systems) explained the steps to install Android OS.***

### ***COURSE OUTCOME***

Upon completion of this class, students should be able to:

- Understand the basic concepts of Unix which is helpful to study the concepts of OS
- Execution of Unix Commands will be helpful in their lab session
- Do their lab classes (Mobile Application Development Lab) in an effective manner.

*S. Puri*

**Bridge Course Coordinator**

*S. J.*

**HOD/CSE**



## **REPORT ON IEI “Hands on Training in System Assembly” ON 29.01.19**

IEI Students Chapter and Department of CSE jointly organized “Hands on training in System Assembly” on 29.01.19. IEI student 17 members (II Year) had attended this training. The objective of this training was to gain the knowledge in the area of system assembly which will be helpful to understand the subject. The IEI members had the real time experience and also cleared their doubts during that session.

### **Resource Person Details:**

Mr.Selvakumar,  
Technical Assistant,  
Kings College of Engineering

### **Topics Covered in the workshop:**

- Identification of components and its functionalities



Mr.Selvakumar demonstrates the assembly of a system.

*SS. Pur*

**Dept.IEI Coordinator**

*S. J.*

**HOD/CSE**







## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2018-2019/EVEN SEMESTER

### Technical Event Report

1. Name of the Event : Guest Lecture
2. Date & Session : 02.02.2019 & FN
3. Venue : Class Room, Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Ms.R.Ranitha, AP,Dept of CSE
6. Topic : **Compiler Design**
7. Organized for : III yr Students
8. Number of Participants : **39**
9. Purpose : To give Lecture on Parsing topic  
in Compiler Design
10. Resource Person : Mr.S.Ramprakash M.E (Ph.D)  
Teaching Fellow,  
Department of CSE,  
University College of Engineering,  
Thirukkuvalai, Nagapattinam

  
Event Coordinator

  
HOD/CSE



## **SUMMARY REPORT – GUEST LECTURE**

Guest lecture for this Academic Year (2018-19 even sem) for III Year (Batch: 2016 – 2020) was organized by CSE department on 02.02.19. The major objective of the program was to make the students to know the academic aspects of the theory subject “Compiler Design” and provided an exposure about Advanced topics. Mr.S.Ramprakash M.E (Ph.D)/Teaching Fellow, Department of Computer science and Engineering, University College of Engineering, Thirukkuvalai, Nagapattinam Delivered the lecture.

The Topics covered was

- ✓ Basics of Compiler
- ✓ Phases of Compiler
- ✓ Syntax Analyzer
- ✓ Bottom up Parsing
- ✓ Top Down Parsing


### **Outcome**

Upon completion of this guest lecture, students are able to understand the Basics and types of Parsing in Compiler Design and also solved problems in their academic syllabus.



Mr.S.Ramprakash M.E (Ph.D) gave lecture on Compiler Design on 02.02.19

  
**Event Coordinator**

  
**HOD/CSE**



**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**





**KINGS**  
COLLEGE OF ENGINEERING  
(NAAC Accredited Institution)  
(Approved by AICTE, New Delhi, Affiliated to  
Anna University, Chennai)



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Capacity & Skill Enhancement Programme Report  
Organized during 2018 - 2019**

S.No	Name of the capability enhancement program	Number of students Trained
1.	Workshop on Bios programming	30
2.	Guest Lecture on "Embedded system applications in Automobiles"	30
3.	Guest Lecture on "How to Prepare a Research Proposal"	30
4.	Workshop on "Biomedical Interventions"	69
5.	Workshop on Microelectronics and VLSI design using advanced simulation tools	56
6.	Workshop on "CCTV"	48
7.	Workshop on "Printed Circuit Board Design"	60
8.	One day Workshop on Web App Development	23

*T. P. Kumar*  
21/5/19  
Overall Coordinator

*[Signature]*  
21/5/2019  
HOD/ECE

**H.O.D.**  
ELECTRONICS AND COMMUNICATION ENGINEERING  
**KINGS COLLEGE OF ENGINEERING**  
PUNALKULAM - 613 303.  
GANDARVAKOTTAI TALUK, PUDUKOTTAI DISTRICT

*[Signature]*  
21/5/2019  
Principal

**PRINCIPAL**  
Kings College of Engineering  
PUNALKULAM - 613 303.



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**ACADEMIC YEAR (2019-2020) ODD SEM**

**WORKSHOP REPORT ON BIOS PROGRAMMING**

1. Resource Person Details : Mr. S. Sasikumar, Training Engineer,  
American Megatrends Private limited,  
OMR Road, Chennai.
2. Topic : BIOS Programming
3. Objective : Motivated the students in all aspects, specially  
students can able to ensure that the operating  
system is correctly loaded into memory.
4. Date : 31.08.2018
5. Venue : Class room
6. Level of the Students : Final Year
7. Name of the Organizer : Mr. T. Jeyaseelan AP/ECE
7. Number of Beneficiaries : 30
8. Photo :



**Resource person delivered the concept of BIOS Programming**





**Students interaction with resource person**

**Outcome:**

- Students can able to understood relation between CMOS and BIOS.
- Known about what are the components included in BIOS.
- Understood the different sources of BIOS programming.

**HOD/ECE**

**PRINCIPAL**





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
ACADEMIC YEAR (2018-2019) ODD SEMESTER**

**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS (IETE)  
IETE STUDENTS' FORUM (ISF)  
GUEST LECTURE - ACTIVITY REPORT**

24.9.18

The IETE students Forum (ISF) organized a Guest lecture titled "Embedded system applications in Automobiles" on 08.9.18 for the IETE student members. Mr.T.Jeyaseelan AP/ECE, IETE Students' Forum (ISF) coordinator coordinated the activity. The IETE student members have attended the Guest Lecture. Ms.Rubika, Design Engineer, Robert Bosch was the resource person.



Mrs.N.Mangaiyarkarasi , Asst.Professor,Academic coordinator, department of ECE honoring Ms.Rubika, Design Engineer, Robert Bosch Pvt. Ltd.





**Ms.Rubika, Design Engineer, Robert Bosch delivering Guest lecture.**




**View of the participants (IETE student members)**






The student interacted with the resource person during interaction session.

Ms. Rubika, in her lecture shared about her field of work in Bosch and their major products in the field of Embedded system. She explained the requirements of an embedded system, specifications & design of products for automobiles industry. She insisted that corporates prefer their own software development tools for the design and testing of products. Through the guest lecture, the students gained technical knowledge on embedded system applications in the field of Automobiles. The session was informative and the students were interactive and inspired.

  
IETE- ISF COORDINATOR  
Jeyaseelan.T, AP/ECE

  
HOD/ECE

  
VICE PRINCIPAL

  
PRINCIPAL



### Report - Special Lecture

R&D section and ISTE Staff Chapter (TN 205) organized a special lecture **"Dos & Don'ts in drafting Proposals"** on 16.03.2019. Dr. S. Krishna Kumar, Senior Technical Officer, DRDO, Avadi, Chennai, was resource person. In his lecture, he insisted the staff members to prepare proposals according to the guidelines of the funding agency. In addition, he briefed on the smart technologies and innovations that are deployed for the surveillance of our nation. While concluding, he insisted the staff to advise the students to contribute their technical knowledge in an effective way for the betterment of our Nation.



Dr. S. Krishna Kumar delivering lecture.

Prepared by

J. Arunth  
16/3/19



25.02.2019

From  
T. Pasupathi  
J. Niranjana Samuel  
R&D Section  
KCE

To  
The Principal  
KCE

Respected Madam,

Sub: Permission – Organizing workshop on Biomedical Interventions– reg.,

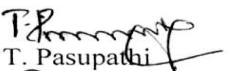
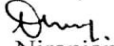
A workshop on “**Biomedical Interventions**” is organized on 27<sup>th</sup> & 28<sup>th</sup> February, 2019 by  
Dept of ECE and R&D Section.

In this regard, we request you to kindly grant us permission towards:

- a) Utilization of Pallava Hall.
- b) LCD projectors & PA system at Pallava Hall.
- c) Utilization of College vehicle for resource persons, if required.
- d) Accommodation for participants at Hostel.
- e) Genset during power interruption.
- f) Utilization of Lamp.
- g) Providing lunch and refreshments for the participants at our college canteen at subsidized rate.

Thank you,

Yours faithfully,

  
T. Pasupathi  
  
J. Niranjana Samuel

  
25/2/19

  
25/2/19



### Registration Form

Kings College of Engineering  
Punalkulam, Thanjavur - 613 303

Workshop on  
Biomedical Interventions

1. Name (in block letters) : .....
  2. Designation: .....
  3. Institution / Organization: .....
  4. Postal Address: .....
  5. E-mail: .....
  6. Phone No. / Mobile: .....
  7. D.D No. .... Date: .....
- Bank/Branch: .....

Signature of the applicant

#### Please send your registration form to:

The Coordinator,  
Dept. of Electronics & Communication Engg.,  
Kings College of Engg., Punalkulam- 613303.  
Phone : 04362 - 282474

#### Organizing Committee

**Chief Patrons:**  
**Dr. R. Rajendran**  
Secretary

**Mr.T.R.S.Muthukumar,**  
Chief Executive Officer

**Patron:**  
**Dr. J. Arputha Vijaya Selvi**  
Principal

**Co-Patron:**  
**Dr.S.Sivakumar**  
Vice Principal

**Convenor:**  
**Dr. D. Kumar**  
Professor/ECE

**Co-ordinators:**  
**Mr. T. Pasupathi**  
AP/ECE

**Mr. J. Niranjan Samuel**  
JRF/ECE-R&D

#### Registration fees:

Registration fee has to be paid in the form of demand draft drawn in favour of **Kings College of Engineering - IEEE Student Branch** payable at Thanjavur. Registration fee includes course material, lunch and refreshment.

UG/ PG Students : Rs. 600/-  
Faculty : Rs. 800/-

**Last Date for Registration :18.02.2019**  
**Confirmation of Acceptance:22.02.2019**

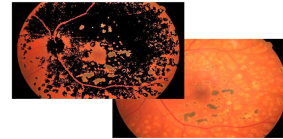
#### For further information contact:

**Mr. T. Pasupathi** - 98941 04645  
**Mr. J. Niranjan Samuel** - 99947 18168



## National WORKSHOP on Biomedical Interventions

27<sup>th</sup> & 28<sup>th</sup> February, 2019



Jointly organised by  
Department of Electronics & Communication Engg.,  
R&D Section  
Kings College of Engineering,  
Punalkulam, Thanjavur - 613303.

#### About our Institution:

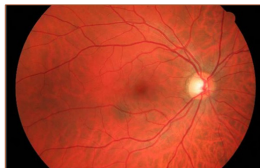
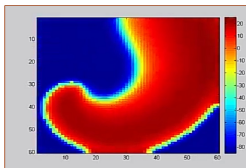
Kings College of Engineering (KCE), since its inception in the year 2001, provides quality education to the needy aspirants including under-privileged students of this region. KCE is approved by All India Council for Technical Education, New Delhi, affiliated to Anna University, Chennai and is a NAAC accredited institution. The institute offers five UG and four PG programmes. Situated on the Thanjavur – Pudukkottai Highway, the KCE campus spreads over 50 acres in a beautiful serene atmosphere, ideally suited for technical education with architecturally designed infrastructural facilities.

#### About R & D Section:

The Department of Electronics & Communication, Electrical & Electronics Engineering and Mechanical Engineering are recognized as research centres for collaborative research by Anna University, Chennai. A significant number of projects funded by various government and non government funding sectors namely DRDO, MCIT, AICTE, New Delhi, TNSCST, Chennai, Analog Devices, USA & Texas Instruments, USA are successfully carried out.

#### About the workshop:

The workshop will address the clinical management of Coronary Artery Diseases with newer tools, various ways and means by which information and communication technology applications in health care sector focusing on selective diagnosis, emergency & long-term clinical care to people and the regulatory requirements of medical devices. Machine Intelligence (MI) aims at mining relevant information directly from the derivative physiological data, leads to better performance in comparison to human that is suffered by status of mind and mental variability. Evolutions of new machine learning algorithms are helping the even disrupted pattern of raw physiological data in terms of better classification. MI has been playing many different roles in scientific research and the literature has shown that Artificial Intelligence (AI) is promising in solving complex problems in many applications, particularly in areas with huge amounts of data but very little theory. Thus, it can be supportive to develop new decision support system including the devices. Also this workshop will explore the possibility of reducing the cost & complexity involved in healthcare practices thereby benefiting healthcare professionals and ultimately aims to provide quality healthcare to people at a lesser cost.



**Dr. G. Shanthi,**  
Scientist, Manager,  
Preclinical/Microtherapeutics Research Labs,  
Chennai

She attained her Doctorate degree from Madras University with specialization in Molecular Genetics and began her career as Scientist-Toxicology. She has more than one decade of experience, well trained in GLP principles and expertise in preclinical study designing and execution (executed more than 400 both in-vivo and in-vitro) for various regulatory submissions.



**Dr. S. Shanthi,**  
Prof/Dept. of Electronics & Commn. Engg.,  
Adithya Institute of Technology,  
Coimbatore

Highly motivated Professor, Positive approach, consistently strive to create a challenging and engaging learning environment in which the students become life long scholars and learners, interested in continuing research in Bio medical engineering combined with artificial intelligence.



**Prof. R. Malathy,**  
Prof/Dept. of Electronics & Instrumentation,  
Annamalai University,  
Chidambaram

Prof. R. Malathy, thrust areas are Computational Bioengineering, modeling of various physiological systems which includes, cancer cells, cardiac cell, ganglion cells. Her research area has pioneered with effects of sodium channels on Arrhythmia -A mathematical model of human cardiac ventricular cells. Her thesis won the best thesis award at IIT Madras



**Dr. K. Damodaran**  
Sr. Consultant & Interventional Cardiologist  
Apollo Hospitals,  
Chennai

DM in Cardiology from Madras Medical College and Research Institute and over 17 years of a highly proficient experience in interventional cardiology. Postdoctoral Fellowship in National Board (FNB) from Escorts Heart Institute, Delhi. He is also a Fellow of FESC and the Fellow of FSCAI (USA). He has performed more than 15000 cardiac catheterisation procedures till date.





Dr. J. Arputha Vijaya Selvi, M.E., Ph.D.,  
**PRINCIPAL**

Ref: KCE / PRL /invite/18-19

13.02.2019

To

**Dr. K. Damodaran,**  
Senior Consultant Interventional Cardiologist  
Apollo Hospitals,

Dear Sir,

Greetings to you from Kings College of Engineering

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the needy, underprivileged and socially & economically weaker sections of students. KCE is accredited by NAAC, recognized by 2(f) and 12(B) act of UGC, approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai. The institution was established in the year 2001 on a sprawling campus of around 48 acres on the Thanjavur-Pudukkottai Highway and run by Raj Educational Trust (RET), Chennai. The institution offers five U.G and four P.G programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

To expose our students to various industrial and technical skills, we organize seminars each semester. In this regard, we request you to make it convenient to be present and deliver lecture on **“Newer Modalities in the Management of Coronary Artery Disease”** in the National workshop on **“Biomedical Interventions”** on **27<sup>th</sup> February, 2019 (Forenoon session)**.

Thanking you and expecting your co-operation in this regard.

Regards,

*J. Arputha Selvi*  
Dr. J. Arputha Vijaya Selvi,  
Principal

**PRINCIPAL**  
Kings College of Engineering  
Punalkulam- 613 303.





Dr. J. Arputha Vijaya Selvi, M.E., Ph.D.,  
**PRINCIPAL**

Ref: KCE / PRL /invite/18-19

13.02.2019

To

**Dr. S. Shanthi,**

Professor & Head

Dept. of Electronics & Communication Engineering,

Adithya Institute of Technology, Coimbatore

Dear Madam,

Greetings to you from Kings College of Engineering

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the needy, underprivileged and socially & economically weaker sections of students. KCE is accredited by NAAC, recognized by 2(f) and 12(B) act of UGC, approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai. The institution was established in the year 2001 on a sprawling campus of around 48 acres on the Thanjavur-Pudukkottai Highway and run by Raj Educational Trust (RET), Chennai. The institution offers five U.G and four P.G programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

To expose our students to various industrial and technical skills, we organize seminars each semester. In this regard, we request you to make it convenient to be present and deliver lecture on **“Machine Learning in Biomedical Engineering”** in the National workshop on **“Biomedical Interventions”** on **28<sup>th</sup> February, 2019 (Afternoon session).**

Thanking you and expecting your co-operation in this regard.

Regards,

Dr. J. Arputha Vijaya Selvi,  
Principal

**PRINCIPAL**  
Kings College of Engineering  
Punalkulam- 613 303.



## **Brief Profile**

Dr.G.Shanthi, working as Quality Assurance Manager, at Micro Therapeutics Research Labs Pvt. Ltd. Chennai.(MTR). She attained her Doctorate degree from Madras University with specialization in Molecular Genetics and began her career as scientist-Toxicology She has more than one decade of experience, well trained in GLP principles and expertise in preclinical study designing and execution (executed more than 400) both *in vivo* and *in vitro*) for various regulatory submissions.

She designed a study model to identify the Blood clotting effect of drug which is accepted in the USFDA regulatory. She established the Preclinical Research Unit Facility at MTR as per the GLP Quality System and got GLP certification from National GLP Compliance Monitory Authority (NGCMA) DST, New Delhi for the Laboratory. She participated in many National and International level workshops, symposium and published many research articles. Her strength is commitment towards the task with adherence to Quality and Ethics.



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Workshop on “BIOMEDICAL INTERVENTIONS”**

**LIST OF PARTICIPANTS**

S.No	Name of the Participant	Branch	College
1.	S.Rutharesh	B.Tech Bio Medical Engineering	Rajiv Gandhi College of Engineering and Technology
2.	S.Sakthidharan		
3.	P.Sasvath		
4.	K.Suresh		
5.	Thivakar.B		
6.	S.Santhiya	B.Tech Bio Technology	Periyar Maniammai Institute of Science & Technology, Vallam, Thanjavur
7.	Anushya.P		
8.	C.Bathira		
9.	J.Kokila		
10.	K.Dinesh pandi		
11.	M.Nidesh		
12.	J.Pradeep		
13.	B.Tamizhini		
14.	M.Thasaleema parven		
15.	M.Vivek		
16.	ABARNA. R	ECE	Kings College of Engineering, Punalkulam
17.	ABINAYAKARTHIKA.T		
18.	AGALYA. S		
19.	ARCHANA.T		
20.	ARIYAVARSHINI.J		
21.	DHANAHARSHINI. S		
22.	DHANASEKARAN.S		
23.	DHIVYA DHARSHINI. R		
24.	DHURKA. K		
25.	DIVAKAR.S		
26.	ELAKIYA KOWSHIKA. A		
27.	HARINI. M		
28.	ILANKHATIR.E		
29.	INDHUJA. J		
30.	JENIFER.X		
31.	KOWSALYA. M		
32.	MEERA.K		
33.	MEGALA.M		
34.	RASIKA. M		
35.	SANTHAKUMARI. J		
36.	SANTHIYA.R		
37.	SEDHUPATHI.M		
38.	SOWMIYA.R		
39.	SUTHA.M		



40.	TAMILAZHAGI. T	ECE	Kings College of Engineering, Punalkulam
41.	VIDHYA. K		
42.	VINITHA. K		
43.	VITHYASRI. U.K		
44.	PONNI R		
45.	THANDAYUTHAPANI R		
46.	MANGAIYARKARASI N		
47.	GEETHABAI P		
48.	JEYASEELAN T		
49.	SATHYARAJ R		
50.	CHANDRASEKAR S		
51.	SRIVIDHYA N		
52.	FRANKLIN VIJAY S		
53.	PRIYADHARSHINI. G		
54.	RANJITHA.C		
55.	SOFIYA JENNIFER J		
56.	T. SHANTHI		
57.	R. PONNI		
58.	P. GEETHABAI		
59.	K. SUDARSANAN		
60.	S. RAMARAJAN		
61.	R. SATHYARAJ		
62.	T. JEYASEELAN		
63.	P.RAJAPIRIYAN		





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Approved By AICTE, New Delhi & Affiliated to Anna University, Chennai



**IEEE**  
MADRAS SECTION  
STB16621

Department of Electronics & Communication Engineering  
&  
R&D Section

Cordially invite you to the two days

*National Workshop*  
*on*  
*Biomedical Interventions*

27<sup>th</sup> & 28<sup>th</sup> February, 2019

**Dr. K. Damodaran**

Sr. Consultant & Interventional Cardiologist  
Apollo Hospitals,  
Chennai

has consented to deliver the Inaugural Address

Staff Members  
Department of ECE  
KCE

Venue: Pallava Hall

Time: 10.00 a.m.





## Workshop on Biomedical Interventions

Date: 27.02.2019 & 28.02.2019

Venue: Pallava Hall

10.00 a.m.	Invocation Song	
10.02 a.m. – 10.05 a.m.	Welcome Address	<b>Prof. N. Mangaiyarkarasi</b> HOD(i/c)/ECE, KCE
10.06 a.m. – 10.10 a.m.	Introducing Guest	<b>Dr. D. Kumar</b> Professor/ECE, KCE
10.11 a.m. – 10.15 a.m.	Honouring the Guest	<b>Dr. J. Arputha Vijaya Selvi</b> Principal, KCE <b>Dr. S. Sivakumar</b> Vice Principal, KCE
10.16 a.m. – 10.20 a.m.	Presidential Address	<b>Dr. J. Arputha Vijaya Selvi</b> Principal, KCE
10.21 a.m. – 10.25 a.m.	Felicitation	<b>Dr. S. Sivakumar</b> Vice Principal, KCE
10.26 a.m. – 10.45 a.m.	Inaugural Address	<b>Dr. K. Damodaran</b> Sr. Consultant & Interventional Cardiologist Apollo Hospitals, Chennai
10.45 a.m. – 11.00 a.m.	Tea Break	
11.01 a.m. – 12.55 p.m.	Session – I	<b>Dr. K. Damodaran</b> Sr. Consultant & Interventional Cardiologist Apollo Hospitals, Chennai
12.55 p.m. – 01.00 p.m.	Vote of Thanks	<b>Mr. T. Pasupathi</b> AP/ECE, KCE
01.00 p.m. – 02.00 p.m.	Lunch Break	
02.01 p.m. – 02.05 p.m.	Honoring & Introducing the Guests	<b>Mr. R. Balakrishnan</b> AP/ECE, KCE
02.06 p.m. – 03.10 p.m.	Session – II	<b>Dr. Baskaran</b> Biomedical Engineer Gentech Marketing Pvt. Ltd., New Delhi
03.16 p.m. – 03.30	Tea Break	
03.36 – 04.30	Session – II Continues	<b>Dr. Kiran George</b> Assoc. Professor /EIE Annamalai University, Chidambaram
04.31 p.m – 04.35 p.m.	Vote of Thanks	<b>Mr. P. Raja Pirian</b> AP/ECE, KCE





Dr. J. Arputha Vijaya Selvi, M.E., Ph.D.,

**PRINCIPAL**

Ref: KCE / PRL /Thanks /071/ 18-19

28.02.2019

To

**Dr. S. Shanthi,**

Professor & Head

Dept. of Electronics & Communication Engineering,

Adithya Institute of Technology, Coimbatore

Dear Madam,

On behalf of the Management, Staff and Students, I express my sincere thanks for your visit to our campus for delivering lecture in the workshop on **"Biomedical Interventions"** on 28-02-2019 inspite of your busy schedule. The lecture was very informative and all the participants got benefited. I sincerely thank you for the efforts you have taken to make this workshop fruitful.

Regards,

*J. Arputha Vijaya Selvi*  
28/2/19

Dr. J. Arputha Vijaya Selvi

**PRINCIPAL**

**Kings College of Engineering**  
**Punalkulam- 613 303.**





Recognized under 2(f) & 12(B) of UGC  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Punalkulam, Gandarvakottai Taluk, Pudukkottai Dist. - 613 303.

## National Workshop on "Biomedical Interventions"

### CERTIFICATE OF PARTICIPATION

This is to certify that Mr. / Ms. \_\_\_\_\_ of \_\_\_\_\_ has participated in the National Workshop on "Biomedical Interventions" on 27<sup>th</sup> & 28<sup>th</sup> February, 2019, jointly organized by IEEE Student Branch (STB16621) and Research & Development Section, Kings College of Engineering, Punalkulam.

Dr. D. Kumar  
CONVENER

Dr. J. Arputha Vijaya Selvi  
PRINCIPAL





## **DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

### **Two days workshop on Biomedical Interventions**

#### **Expenditure Details of Workshop held on 02.01.19**

<b>S.No</b>	<b>Name of Vendor</b>	<b>Details</b>	<b>Bill No. /Date</b>	<b>Total</b>
1	Makemytrip	Flight Tickets – Trichy to Chennai	52462060/ 22.02.2019	4698.00
2	IRCTC	Train tickets	20.02.2019	606.00
3	Thanjavur Art & Bronze	Memento	26.02.2019	750.00
4	Maharaja Silk House	Shawl	GIS-76315/ 27.02.2019	240.00
5	Maharaja Silk House	Shawl	GIS-76154/ 27.02.2019	679.00
6	Poompuhar	Memento	3709/ 27.02.2019	336.00
7	Bombay Sweets	Sweets	22191/ 26.02.2019	126.00
8	Bombay Sweets	Sweets	115/ 27.02.2019	184.00
<b>Total Expenditure</b> <b>(Rupees Seven Thousand Six Hundred and Nineteen Only)</b>				<b>7619.00</b>

COORDINATOR

HOD

PRINCIPAL



## THE HINDU 12.03.2019 PAGE 5



Kings College of Engineering at Punalkulam near Thanjavur organised a two-day national workshop on 'Biomedical Interventions' recently. Dr.K.Damodaran, Senior Consultant and Interventional Cardiologist, Apollo Hospital, Chennai, inaugurated the workshop. Dr.J.Arputha Vijaya Selvi, Principal, presided. Dr.S.Baskaran, Biomedical Engineer, Gentech Marketing Pvt.Ltd, New Delhi, Dr. Kiran George, Associate Professor, Electronics and Instrumentation Engineering, Annamalai University and Dr. G.Shanthi, Scientist, Manager Preclinical, Microtherapeutics Research Labs, Chennai, spoke.





## Report

### National Workshop on “Biomedical Interventions”

Kings College of Engineering, Punalkulam near Thanjavur organized a two day National Workshop on **Biomedical Interventions** on 27<sup>th</sup> & 28<sup>th</sup> February, 2019. Dr. K. Damodaran, Senior Consultant & Interventional Cardiologist, Apollo Hospital, Chennai, inaugurated the workshop. **Dr. J. Arputha Vijaya Selvi**, Principal, presided over the function and delivered presidential address. **Dr. K. Damodaran**, in his lecture, stated coronary artery disease develops when the major blood vessels that supply the heart with blood, oxygen and nutrients (coronary arteries) become damaged or diseased. Cholesterol-containing deposits (plaque) in the arteries and inflammation are usually the cause for coronary artery disease. The damage may be caused by various factors, including: Smoking, High blood pressure, High cholesterol, Diabetes or insulin resistance and sedentary lifestyle. To improve the heart healthcare, one should quit smoking, control conditions such as high blood pressure, high cholesterol and diabetes. He also explained about surgical procedure involved in robot assisted cardiac surgery. While concluding his lecture, he said to stay physically active, consume low-fat and less-salt diet, and consume fruits, vegetables and whole grains and advised to maintain a healthy weight and manage stress.

**Dr. S. Baskaran**, Biomedical Engineer, Gentech Marketing Pvt. Ltd., New Delhi started his lecture with the major instruments used in acquiring bio-signals from human beings. Also he demonstrated the real-time Electro Cardio Gram (ECG) acquisition from one of the participant with four channel data acquisition development device and necessary electrodes. His lecture includes analysis of the acquired data and report preparation for the end user. **Dr. Kiran George**, Assoc. Professor, Electronics and Instrumentation Engineering, Annamalai University, Chidambaram, delivered lecture. In his lecture he briefed about multiscale physiological model of organ system which provides an opportunity for the researcher and clinician in the field of mathematical oncology. While concluding his lecture, he suggested how these new directions could contribute in addressing the current challenges in the field of Biomedical Engineering.



**Dr. G. Shanthi**, Scientist, Manager Preclinical, Microtherapeutics Research Labs, Chennai, delivered a lecture on synthetic biomaterials and its applications, Biocompatibility Regulatory Testing and its biological effects. She concluded her lecture with a case study on biomaterial implantation in animals. **Dr. S. Shanthi**, Professor & Head/ECE, Adithya Institute of Technology, Coimbatore delivered a lecture. In her lecture, she briefed that MI plays various roles in scientific research. Artificial Intelligence (AI) provides promising solutions in solving complex problems in many applications, particularly in areas with huge amounts of data but very little theory. It helps to develop new decision support system including the devices.

A total of 63 participants from various institutions situated at U.T of Pondicherry, Karnataka and Andhra Pradesh, Tamil Nadu participated in the programme and got benefitted.



Dignitaries on the Dias



Ceremonial Lighting of the Lamp



Mrs. N. Mangairyarkarasi, HOD(i/c)/ECE  
welcoming the gathering



Dr. D. Kumar, Professor/ECE introducing  
Dr. K. Damodaran, Chief Guest





Dr. J. Arputha Vijaya Selvi, Principal  
honouring Dr. K. Damodaran,  
Interventional Cardiologist



Dr. J. Arputha Vijaya Selvi delivering  
presidential address



Dr. K. Damodaran, Interventional  
Cardiologist, Apollo Hospital, Chennai  
delivering Inaugural Address



Dr. K. Damodaran, during invited lecture  
session



Dr. Kiran George during invited lecture  
session



Dr. S. Baskar during demonstration  
session





Dr. G. Shanthi during invited lecture session



Dr. S. Shanthi during invited lecture session



Students during the activity session



Participant during feedback session



Participants receiving certificates from dignitaries



Mr. T. Pasupathi during workshop summary and vote of thanks





**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**ACADEMIC YEAR 2018-19 EVEN**

Report for

## **ONE DAY WORKSHOP ON**

**“Microelectronics and VLSI design using advanced simulation tools”**

**Prepared by**

**Mrs.P.Geethabai, AP/ECE**

**Mr. R. Thandayuthapani AP/ECE**





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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ACADEMIC YEAR 2018-19 EVEN

ONE DAY WORKSHOP ON

## **“Microelectronics and VLSI design using advanced simulation tools”**

### **POST WORKSHOP REPORT**

**Event** : Workshop

**Title** : Microelectronics and VLSI design using advanced simulation tools

**Date** : 20.02.2019

**Number of Beneficiaries** : Internal participants: 56

**Resource Persons** : Dr.T.N.Prabhakaran, Dean,  
Oxford College of Engineering,  
Tiruchirappalli

**Venue** : VLSI LAB



*At Inauguration*



### OBJECTIVES OF ORGANIZING WORKSHOP:

- To meet curriculum requirements.
- To learn Hardware Descriptive Language (Verilog/VHDL).
- To learn the fundamental principles of VLSI circuit design in digital and analog domain



*Theory session*



*Validictroy function*

### OUTCOME:

- Students can able to write the Verilog/VHDL coding.
- Students can able to do the projects and create the new applications in VLSI domain.



# **REPORT**

## **One Day Workshop on CCTV**

**Co ordinators**

**Mr.T.Jeyaseelan AP/ECE**

**Mr.P.Raja Pirian AP/ECE**

**On**

**08/02/19**



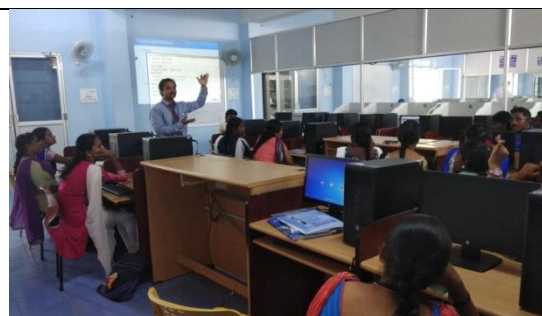
# DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## KINGS COLLEGE OF ENGINEERING PUNALKULAM

One day work shop on CCTV Camera & Surveillance System was organized by Department of Electronics and communication engineering, to motivate the students to involve them in Electronics Domain and also the students to get more ideas about CCTV and its related systems by improving them to become an entrepreneur. Mr.T.Jeyaseelan , AP/ECE , Mr.P.Raja Pirian AP/ECE was the resource person and Er.G. George Nelson ,Georges Tech Solutions was the industry expert.



**Resource Persons and Industrial Experts**



**Theory session by Mr.T.Jeyaseelan AP/ECE**



**Demo Session for Final Year ECE Students**



**Hands on Session for PMKVY Students**



**Hands on session for II ECE students**



**Hands on session for II ECE students**

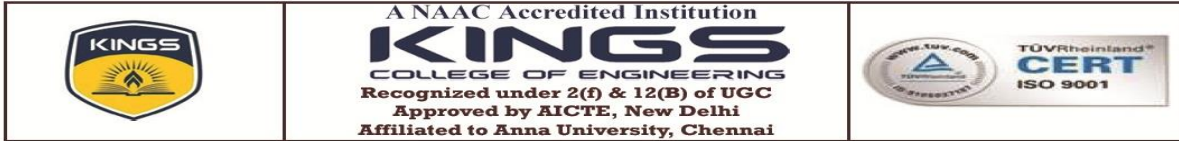


The workshop begins at 10.30 a.m on 08/02/19, Mr.P.Raja Pirian AP/ECE coordinator of the workshop, welcomes the resource person and the gathering. Mr.T.Jeyaseelan , AP/ECE give introduction about the workshop. Immediately the 1st session begins with theory session by Mr.T.Jeyaseelan, his lecture covers basics of security surveillance, functions of video surveillance, types of cameras and their functions. After the tea break Mr.P.Raja Pirian AP/ECE delivered the second session for the topics sensors, Lights, Lens and zoom, DVR and switcher, principles of network remote accessing.

After the Lunch break The 3rd session which was hands on session, the industrial expert Er.G. George Nelson and his team give a demonstration on the working principles of CCTV surveillance system. He also explains various types of cameras and its installation method with DVR. The students actively involved in the entire sessions. The program ends with valedictory function. Nearly 48 students were participated in the workshop.

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# **REPORT**

**One Day**

**Workshop on**

**Printed Circuit Board Design**

**Co ordinators**

**Mr.P.Raja Pirian AP/ECE**

**Mr.W.Newton David Raj AP/ECE**

**On**

**12/01/19**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
KINGS COLLEGE OF ENGINEERING PUNALKULAM**



## REPORT

One day work shop on **Printed Circuit Board Design** was organized by Department of Electronics and communication engineering, to motivate the students to involve them in Electronics Domain and also the students to get more ideas about the designing of printed circuit board for their project works and also for their career development. **Prof.E.Venugopal**, Assistant Professor, Sri Eshwar College of Engineering, Coimbatore was the resource person.( Alumni of Kings)



**Presidential Address By Mrs.N.Mangaiyarkarasi**



**Honoring the Chief Guest By Mrs.N.Mangaiyarkarasi**



**Chief guest Address by Prof.E.Venugopal**



**Theory Session**



**Hands on session**



**Distribution of Certificates**



The workshop begins at 10.10 a.m, Mr.P.Raja Pirian AP/ECE coordinator of the workshop, Welcomes the resource person and the gathering. Mrs.N.Mangaiyarkarasi, Academic coordinator delivered the inaugural address after that the chief guest was honored by Mrs.N.Mangaiyarkarasi. Finally Prof.E.Venugopal delivered the chief guest address. Immediately the 1<sup>st</sup> session begins with theory session by Prof.E.Venugopal, his lecture covers various topics in PCB design such as basics of printed circuit board, need for PCB, artwork generation, lamination & Image transfer techniques, plating, etching and also about Surface-mount technology finally he gave information on career opportunities in PCB Design.

After the Lunch break The 2<sup>nd</sup> session which was hands on session, the resource person give a demonstration on how to prepare a complete printed circuit board for simple circuits. The students actively involved in the entire sessions. The program ends with valedictory function. The chief guest delivers the certificates to the participants. Finally Mr.W.Newtondavidraj AP/ECE, coordinator of the workshop delivers the vote of thanks.

Nearly 38 students were participated in the workshop; 30 students from our college and the remaining participants from KSK Engineering college.



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING KINGS COLLEGE OF ENGINEERING PUNALKULAM

One day work shop on Web App Development was organized by department of Electronics and communication engineering on 25.08.2018, to motivate the students to involve them in commercial website designing and also the students to get exposure on “the placements available in website designing”. **Mr.S.Mathiyarasan, Software Engineer, IVTL Info view, Chennai** was the resource person.



Presidential Address By  
**Mrs.N.Mangayarkarasi HOD i/c/ECE**



Welcome Address By **Mr.P.Raja Pirian AP/ECE**



Participants



Chief guest Address by **Mr.S.Mathyaran Software Engineer IVTL**



Hands on session at VLSI Lab



Feedback session

The workshop was begins at 10.15a.m at DSP Lab, **Mr.P.Raja Pirian AP/ECE** welcomes the resource person and the gathering, followed by **Mrs.N.Mangayarkarasi HOD i/c/ECE**, honored the chief guest and also delivered the inaugural address. **Mr.S.Mathiyarasan**, delivered the chief guest address. During 1<sup>st</sup> session a Lecture on Introduction to Web App Development by the resource person. After the Lunch break Second session was continued by the resource person at DSP lab with hands on session. The students were actively involved in the entire sessions and got knowledge to create simple commercial website. The program ends with valedictory. Mr W.Newton Davidraj delivered the vote of thanks **23 students** from all the classes of ECE department were participated in the workshop.



**DEPARTMENT OF MECHANICAL ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**





## DEPARTMENT OF MECHANICAL ENGINEERING

### Capacity & Skill Enhancement Programme Report Organized during 2018 – 2019

S.No	Name of the capability Enhancement Programme	Number of Students Trained
1	Orientation Program	65
2	Gate And Competitive Exams	105
3	Seminar on Industrial Automation	63
4	Guest Lecture on recent trends in Manufacturing Process	68
5	Guest Lecture on Recent Trends In Industrial Sector	110

  
Overall Coordinator

  
HOD/MECH

  
Principal

Dr. T. PUSHPARAJ, B.E., Ph.D.,  
Prof. & Head - Mechanical Engineering,  
Kings College of Engineering,  
Punalkulam-613 303.

**PRINCIPAL**  
**Kings College of Engineering**  
**PUNAEKULAM-613 303**





## DEPARTMENT OF MECHANICAL ENGINEERING

### ACADEMIC YEAR 2018-19 (ODD)

#### REPORT ON ORIENTATION PROGRAM FOR II YEAR STUDENTS

The department of Mechanical Engineering organized orientation program for II year mechanical engineering students on 02<sup>nd</sup> July 2018.

Dr.T.Pushparaj, HOD/ Mechanical engineering, presided over the program and Mr.S.Giridharan, AP/Mechanical engineering felicitated. Mr.G.Mathivanan, Assoc. Prof., /mechanical engineering welcomed the students.

Dr.T.Pushparaj and Mr.S.Giridharan were also the resource persons of the program. The program was split into two sessions; Dr.T.Pushparaj briefed about the facilities available in the department and introduced the staff members. Later he gave overview on **“Internal combustion engines”**.

During the second session, Mr. S. Giridharan, delivered lecture on **“Scope of Mechanical Engineering in Recent Decade”**. II year mechanical engineering student delivered vote of thanks.



Dr.T.Pushparaj, HOD/ Mechanical addressing the students





Mr.S.Giridharan, AP/Mechanical delivering lecture

*T. Pushparaj*

HOD/MECH

Dr. T. PUSHPARAJ, M.E., Ph.D.,  
Prof. & Head-Mechanical Engineering,  
Kings College of Engineering,  
Punalakulam-613 303.

*J. Mani*

Principal

**PRINCIPAL**  
**Kings College of Engineering**  
**PUNALAKULAM-613 303.**



## GATE AND COMPETITIVE EXAMS ACADEMIC YEAR 2018-19(ODD SEMESTER)

### Report - Awareness Talk on GATE

Awareness Talk on GATE to the students of III & IV year from EEE & Mechanical was organized on 23.7.18 at 3.30pm at AV hall. In this programme, Dr.S.Thiyagarajan, Managing Director, GATE IN TRICHY, Trichy delivered lecture. Mrs.T.Gnanajeya, Convener / GATE and Competitive Exams gave welcome address.

Resource person Dr.S.Thiyagarajan has explained briefly about eligibility, importance of GATE score, opportunities for higher studies in our country as well as in abroad, job opportunities, last year placement based on GATE score, percentage of achievers in GATE 2018. Students from EEE and Mechanical engineering as listed below attended the programme and benefited.

Branch\Year	III	IV
EEE	01	10
MECH	45	60
<b>TOTAL</b>	<b>46</b>	<b>70</b>



*Resource Person's Talk*



*Audience response at the session*

After the Talk, many of the students have cleared their doubts and given good feedback about the programme.



## R & D Section

### Seminar on “Industrial Automation”

A Seminar on “**Industrial Automation**” was organized on 02<sup>nd</sup> January, 2019. Mr. J. Rajaparthiban, Assistant Professor/Mech and DRC Member welcomed the gathering. Mr. PP. Shantharaman, Associate Professor/Mech and DRC Convenor presided over the function and honoured the chief guest. Mr. K. Arun, AP/Civil, introduced the resource person to the gathering.

Mr. I. Karthic Subramaniyan, Assistant Professor, Department of Aerospace Engineering, Periyar Maniammai Institute of Science and Technology, Thanjavur, and Mr. R. Rakesh, Assistant Professor, Department of Electronics and Communication Engineering, Periyar Maniammai Institute of Science and Technology, Thanjavur were the resource persons. In their lecture, they briefed the various kinds of automation technologies including hydraulics, pneumatics, PLC and sensors in the forenoon session.



Welcome Address by Mr. J. Rajaparthiban, AP/Mech



Mr. K. Arun, AP/Civil introducing the resource person to the gathering



Mr. P P. Shantharaman, Associate Professor and DRC Convenor honouring the guest with shawl and Memento



Mr. T. Pasupathi, AP/ECE honouring the guest with shawl and Memento





Mr. I. Karthic Subramaniyan during the lecture



Mr. R. Rakesh during the lecture



A view of the participants

During the afternoon session, students visited the Centre of excellence for Training and Research in Automation Technologies (CETAT) at Periyar Maniammai Institute of Science and Technology, Thanjavur and learned the real time automation process with necessary tools.

Number of Students Participated:

Mechanical Engineering	- 63
ECE	- 32
CSE	- 25
EEE	- 05
<b>Total</b>	<b>- 125</b>



During demonstration at CETAT, PMIST, Thanjavur



T. Gudhipingy  
HoD/Mech

J. Mani  
Principal





## DEPARTMENT OF MECHANICAL ENGINEERING

### INDIAN SOCIETY OF MECHANICAL ENGINEERS (ISME)

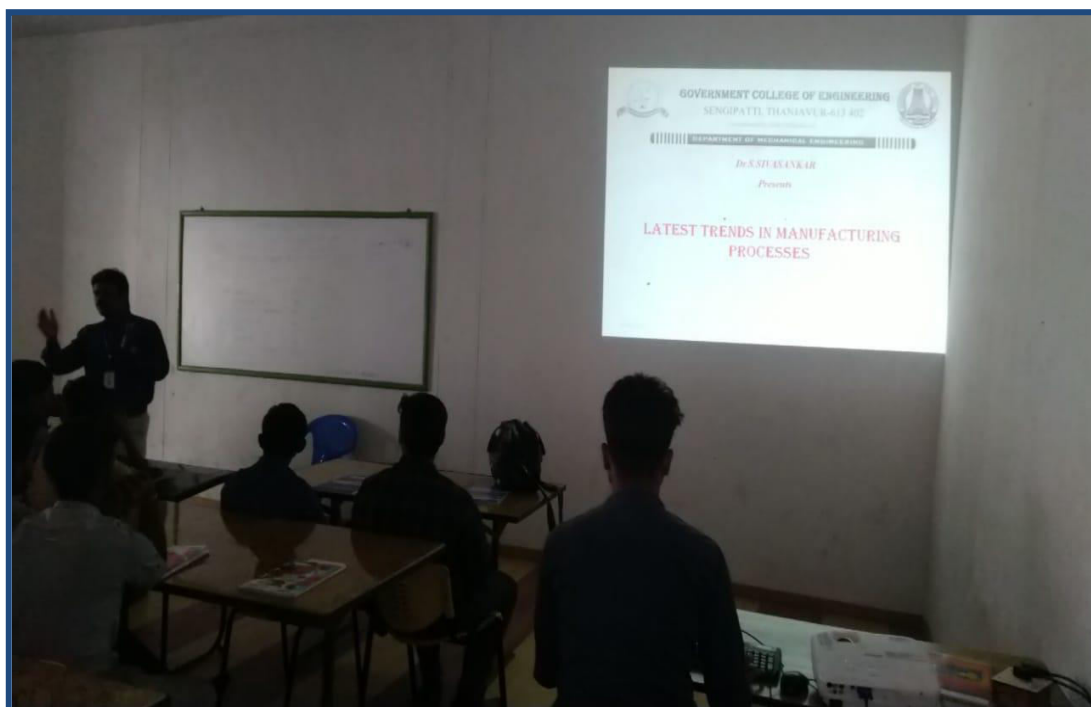
#### REPORT

In our Department of Mechanical Engineering, under the Indian Society of Mechanical Engineers (ISME), a Guest Lecture conducted on recent trends in Manufacturing Process by Dr.S.Siva Sankar Professor & Head, Government College of Engineering, on 28/01/2019 in our college. This resource person explained about the recent trends in Manufacturing and its applications. This Guest Lecture was useful to our mechanical engineering II year students. In this event totally 68 students participated.



***Students listening to the Lecture***





***Lecture by Dr.S.Sivasankar to the ISME students of mechanical.***

### **Guest Lecture Outcomes:**

- An introduction to Research Methodology.
- A brief knowledge about various manufacturing processes.
- An introduction to latest trends in Manufacturing processes.
- Advantages and applications of various processes.
- An introduction to lean Manufacturing.
- A wide exploration on research articles.

T. Pushparaj  
HOD/MECH  
Dr. T. PUSHPARAJ, M.E., Ph.D.,  
Prof. & Head - Mechanical Engineering,  
Kings College of Engineering,  
Punakulam-613 303.

J. Mani  
Principal  
PRINCIPAL  
Kings College of Engineering  
PUNAKULAM-613 303.



## DEPARTMENT OF MECHANICAL ENGINEERING

### **GUEST LECTURE**

Name of the Resource Persons : Mr.R.Saravanakumar, Toyota Motors  
Mr.Parthiban, Engineers CADD  
Mr.Amuthan, Engineers CADD

Date of Lecture : 25.02.2019

Organised by : Mr.S.Rajesh Kumar, Mr. J.Prince Jerome Christopher  
Asst.Prof/Mech

Mr.R.Saravanakumar, Project Manager, Toyota Motors, Mr.Parthiban, Director, Engineers cadd and Mr.Amuthan, Centre Head, Engineers cadd, Thanjavur visited our college on 25<sup>th</sup> February, 2019 on our invitation.

A power point presentation was given by Mr.R.Saravanakumar on the recent trends in industrial sector which includes automobile Industry requirements and other emerging trends. Mr.Amuthan presented a lecture about the various types of innovation softwares used in engineering field especially in mechanical engineering. The presentation was very well received by the students belonging to the III & IV year mechanical engineering. The presentation ended with a question and answer session where many students interacted with the guests for clarifications on their queries.



**Delivering lecture on trends in Automobiles**



**Student Interaction**

*T. Parthiban*

HoD/Mech

*J. Prince Jerome Christopher*

Principal

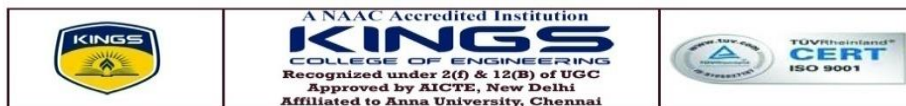




## **DEPARTMENT OF TRAINING & PLACEMENT**

### **CONSOLIDATED LIST OF SOFT SKILLS, APTITUDE, CAPACITY & ENHANCEMENT PROGRAMME**





## DEPARTMENT OF TRAINING AND PLACEMENT

### CONSOLIDATED LIST OF SOFT SKILLS, APTITUDE, CAPACITY AND SKILL ENCHANCEMENT PROGRAMME ORGANISED DURING

2018 - 2019

S. NO	COURSE TITLE	NO. OF STUDENTS PARTICIPATED	CATEGORY
1.	Training on Soft Skills & Aptitude, Technical Training on C, C++ & Java	189	Soft Skills - ICT/Computing Skills
2.	Training on Soft Skills & Aptitude	230	Soft Skills - ICT/Computing Skills

*B. Shanmugam*  
31/12/18  
FACULTY INCHARGE

*[Signature]*  
31/12/18  
HoD

*J. Ramesh*  
31/12/2018  
PRINCIPAL

**PRINCIPAL**  
Kings College of Engineering,  
PUNALKULAM - 613 303,



## **Report - On Training Programme**

### **Report No: 1**

**Ref No: KCE/T&P/P001 dated 05/01/2018**

**Program: Training On Soft Skills, Aptitude & Technical**

**Date: 26-12-18 to 31-12-18 (6 Days)**

**Trainers: Ways Open Consultancy Pvt Ltd., Chennai.**

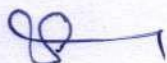
**Venue: CSE I Year Block**

**Total no of students trained: CSE- 53, ECE A&B-88, EEE-48**

The Aptitude, Soft skills and technical training programme was organized by the Department of Training & Placement for the IV year CSE, ECE& EEE students' total 141 were trained. The training sessions on various topics of Aptitude like Numbers, Surds, Clock, Calendar, Time speed & Distance , Profit & Loss, Problems on train ,Problems on age and data interpretation and on Soft Skills like Interpersonal Skills, GD ,Interview skills and management games were entertained. And also an online aptitude test was conducted on company based questions. and technical training was given to the students on C,C++ & JAVA.

The students were given effective training materials for both aptitude and soft skills for regular practice and reference. The session successfully accomplished by Dr.S.Sivakumar Vice Principal, the T&P staff members, trainers and students were discussed about usefulness of the training programme.

Feedback from Trainers and the students were collected





### **Report - On Training Programme**

**Report No:**

**Ref No: KCE/T&P/P001 dated 10/0/2019**

**Program: Training On Soft Skills & Aptitude**

**Date: 02-01-19 to 05-01-19 (4 Days)**

**Trainers: Ways Open Consultancy Pvt Ltd., Chennai.**

**Venue: I Year Block**

**Total no of students trained: CIVIL A&B -112, MECH A&B-118**

The Aptitude & Soft skills training programme was organized by the Department of Training & Placement for the IV year Civil, & MECH students' total 230 were trained. The training sessions on various topics of Aptitude like Numbers, Surds, Clock, Calendar, Time speed & Distance , Profit & Loss, Problems on train ,Problems on age and data interpretation and on Soft Skills like Interpersonal Skills, GD ,Interview skills and management games were entertained. And also online aptitude test was conducted on company based questions.

The students were given effective training materials for both aptitude and soft skills for regular practice and reference. The session successfully accomplished by Dr.S.Sivakumar Vice Principal, the T&P staff members, trainers and students were discussed about usefulness of the training programme.

Feedback from Trainers and the students were collected





**ACADEMIC YEAR**  
**2017-2018**



**DEPARTMENT OF COMPUTER SCIENCE &  
ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**




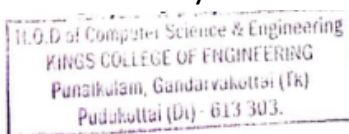
## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

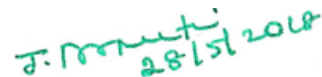
### Capacity & Skill Enhancement Programme Report Organized during 2017 - 2018

S.No	Name of the capability enhancement program	Number of students trained
1.	Bridge Course on "An introduction to HTML languages"	42
2.	Bridge Course on "An overview of J2EE Technologies"	27
3.	Guest Lecture on "Theory of Computation"	60
4.	Guest Lecture on "Recent Trends in Computer Science & Technology"	73
5.	Guest Lecture on "Compiler Design"	58
6.	Guest Lecture on "Operating System"	42

  
Overall Coordinator

  
HOD/CSE



  
Principal

**PRINCIPAL**  
Kings College of Engineering,  
PUNALKULAM - 613 303.



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### Capacity & Skill Enhancement Programme Photographs organized during 2017 - 2018

#### SUMMARY REPORT – Bridge Course

To enrich the knowledge of the students and make them to strong in technical skill, Introductory class is used. The main objective of this class is to provide a platform to the students to understand their academic subjects.

#### **III Year:**

Web services and its relevant programs are essential in this moment. HTML is the basic Markup language which is used to develop web service program. To meet up the current requirements the third year students had an experience in “An Introduction to HTML Language” which was handled by Ms.R.Ranitha AP / CSE. Totally 42 students of third CSE have undergone the training.



Ms.R.Ranitha AP/ CSE explained various tags used in HTML language and the students were executed the tags

#### ***COURSE OUTCOME***

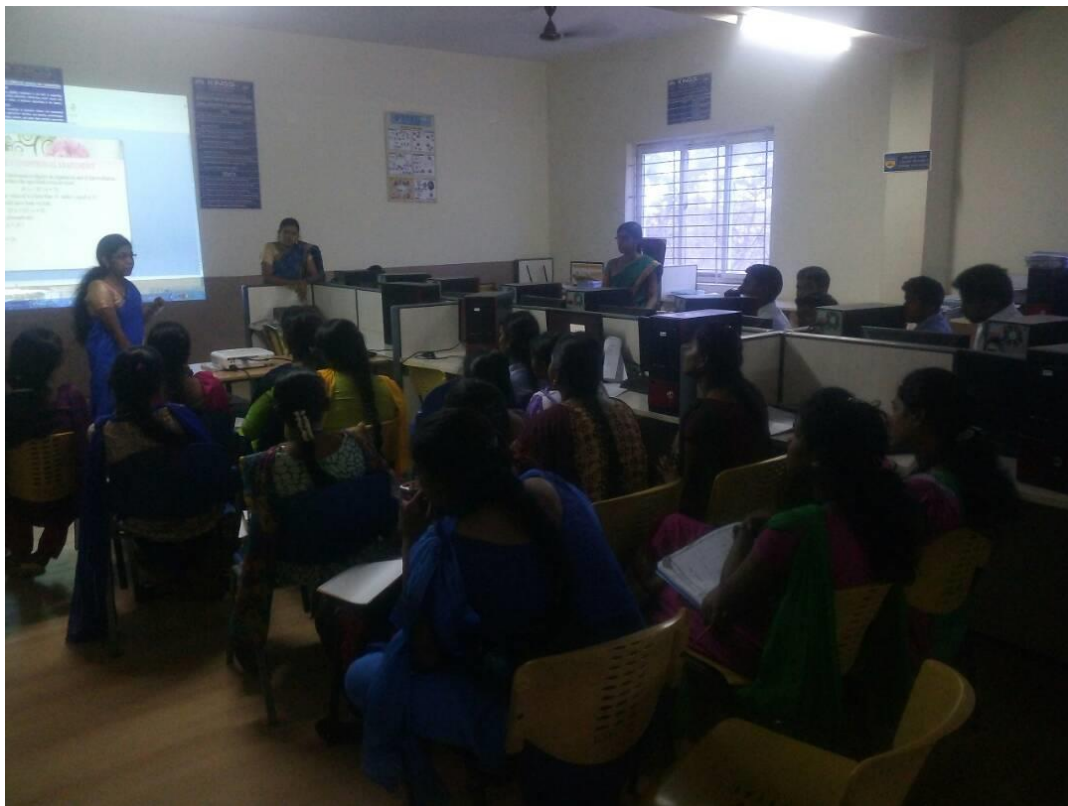
Upon completion of this class, students should be able to:

- Do their lab classes in an effective manner.
- May create a design for college website.



#### IV Year:

Nowadays the scope of Android development jobs is enormous. The fundamental unit of Android is Java so that the final year students have undergone training in “An overview of J2EE technologies”. Mr.R.Palaniappan and his team members of Infosystems, Thanjavur explained the importance of Java language in current situation. They briefed about the features and programming constructs of Java. There were totally 27 students of IV year benefited.



Mr.R.Palaniappan and his team members delivered the features of Java.

#### ***COURSE OUTCOME***

Upon completion of this class, students should be able to:

- Do their project in Java
- Do their lab classes in an effective manner.

*S. Puri*

**Bridge Course Coordinator**

*S. J.*

**HOD/CSE**





## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACADEMIC YEAR 2017-2018/ODD SEMESTER

#### Technical Event Report

1. Name of the Event : Guest Lecture
2. Date & Session : 14.07.2017 & FN
3. Venue : AV Hall, Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Ms.R.Ranitha, AP,Dept of CSE
6. Topic : **THEORY OF COMPUTATION**
7. Organized for : III yr Students
8. Number of Participants : **60**
9. Purpose : To give Lecture on Theory of Computation (focusing on V unit)
10. Resource Person : Ms.S.Suseela,  
Assistant professor/CSE  
Periyar Maniammai University  
Vallam, Thanjavur

A handwritten signature in purple ink, appearing to read 'R. Ranitha'.

**Event Coordinator**

A handwritten signature in purple ink, appearing to read 'S. Suseela'.

**HOD/CSE**



### **SUMMARY REPORT – GUEST LECTURE**

Guest lecture for this Academic Year (2017-18) for III Year (Batch: 2015 – 2019) was organized by CSE department on 14.07.17. The major objective of the program was to make the students to know the academic aspects of the theory subject “Theory of Computation” and provided an exposure about V unit. Ms S.Suseela AP/CSE, Periyar Maniammai University,Vallam Delivered a lecture on Theory of Computation,

The topics covered was

- ✓ Unsolvable problems & computable functions
- ✓ Primitive recursive functions
- ✓ Universal turing machine
- ✓ Tractable & intractable problems
- ✓ P & NP completeness
- ✓ Polynomial time reductions

#### **Outcome**

Upon completion of this guest lecture, students are able to understand the Basics of Theory of Computation and topics covered in V unit in their academic syllabus



Ms.S.Suseela AP / CSE gave lecture on Theory of Computation.

**Event Coordinator**

**HOD/CSE**





## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACADEMIC YEAR 2017-2018/ODD SEMESTER

#### Technical Event Report

1. Name of the Event : Guest Lecture
2. Date & Session : 4.08.2017 & AN
3. Venue : AV Hall, Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Ms.R.Ranitha, AP,Dept of CSE
6. Topic : **RECENT TRENDS IN COMPUTER  
SCIENCE & TECHNOLOGY**
7. Organized for : II & IV yr Students
8. Number of Participants : **73 students**
9. Purpose : To give Lecture on Recent trends in  
Computer science & technology
10. Resource Person : Dr.S.Senthil kumar,  
Associate Professor /CSE  
UCE,  
Pattukkottai.

**Event Coordinator**

**HOD/CSE**



## **SUMMARY REPORT – GUEST LECTURE**

Guest lecture for this Academic Year (2017-18) for II & IV Year was organized by CSE department on 4.08.17. The major objective of the program was to make the students to know about the recent trends in computer science & technology and to provide an exposure about project titles related to the topic. Dr.S.Senthil kumar, Associate Professor /CSE, UCE, Pattukkottai. Delivered a lecture on recent trends in computer science and technology.

The topics covered were,

- ✓ Distributed computing
- ✓ Cloud computing
- ✓ Cluster computing
- ✓ P2P network
- ✓ Client server Vs cloud computing
- ✓ List of projects in cloud computing

### **Outcome**

Upon completion of this guest lecture, students are able to understand the recent trends in computer science & technology-cloud computing.



*Dr.S.Senthil Kumar,Associate. Professor, Dept of CSE,UCE-PKT delivering guest lecture on recent trends in computer science & technology on 4.8.17*

**Event Coordinator**

**HOD/CSE**





## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2017-2018/EVEN SEMESTER

### Technical Event Report

1. Name of the Event : Guest Lecture
2. Date & Session : 27.02.2018 & AN
3. Venue : Pallava Hall, Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Ms.R.Ranitha, AP,Dept of CSE
6. Topic : **COMPILER DESIGN**
7. Organized for : III yr Students
8. Number of Participants : **58**
9. Purpose : To give Lecture on Compiler design  
(Focusing on V unit & problems)
10. Resource Person : Ms.S.Suseela,  
Assistant professor/CSE  
Periyar Maniammai University  
Vallam, Thanjavur

Event Coordinator

HOD/CSE



## **SUMMARY REPORT – GUEST LECTURE**

Guest lecture for this Academic Year (2017-18 even sem) for III Year (Batch: 2015 – 2019) was organized by CSE department on 27.02.18. The major objective of the program was to make the students to know the academic aspects of the theory subject “Compiler Design” and provided an exposure about V unit & problems. Ms S.Suseela AP/CSE, Periyar Maniammai University,Vallam Delivered a lecture on Compiler Design.

The topics covered were,

- ✓ Optimization of Basic Blocks
- ✓ Global Data Flow Analysis
- ✓ Efficient Data Flow Algorithms
- ✓ A Simple Code Generator
- ✓ The Phases of Compiler Algorithm
- ✓ Lexical Analyzers
- ✓ Top Down Parsing

### **Outcome**

Upon completion of this guest lecture, students are able to understand the concepts of Compiler Design, problems in their academic syllabus.



Ms.S.Suseela AP / CSE gave lecture on Compiler Design.

**Event Coordinator**

**HOD/CSE**





## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ACADEMIC YEAR 2017-2018/EVEN SEMESTER

### Technical Event Report

1. Name of the Event : Guest Lecture
2. Date & Session : 12.03.2018 & AN
3. Venue : CSE Lab I, Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Ms.R.Ranitha, AP,Dept of CSE
6. Topic : **OPERATING SYSTEMS**
7. Organized for : II yr Students
8. Number of Participants : **42 students**
9. Purpose : To give Lecture on Operating Systems
10. Resource Person : Dr.S.Senthil kumar,  
Associate Professor /CSE  
UCE,Pattukkottai.

Event Coordinator

HOD/CSE



## **SUMMARY REPORT – GUEST LECTURE**

Guest lecture for this Academic Year (2017-18 even sem) (Batch: 2016-2020) for II Year was organized by CSE department on 12.03.18. The major objective of the program was to make the students to know the academic aspects of the theory subject “operating Systems” Dr.S.Senthil kumar, Associate Professor/CSE, UCE, Pattukkottai. Delivered a lecture on Operating Systems,

The topics covered were,

- ✓ operating systems overview
- ✓ Memory Allocation
- ✓ Segmentation-
- ✓ Paging
- ✓ Virtual Memory
- ✓ Page Replacement
- ✓ Page fault handling

### **Outcome**

Upon completion of this guest lecture, students are able to understand the academic aspects of the theory subject “operating Systems”



*Dr.S.Senthil Kumar,Associate. Professor, Dept of CSE,UCE-PKT delivering guest lecture on Operating Systems on 12.3.18*

**Event Coordinator**

**HOD/CSE**



**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**





**KINGS**  
COLLEGE OF ENGINEERING  
(NAAC Accredited Institution)  
(Approved by AICTE, New Delhi, Affiliated to  
Anna University, Chennai)



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Capacity & Skill Enhancement Programme Report  
Organized during 2017 - 2018**

S.No	Name of the capability enhancement program	Number of students Trained
1.	Guest Lecture titled "Solar Powered Inverters"	30
2.	National workshop on CAD for VLSI	41
3.	One day Workshop on Internet of Things using Arduino and Raspberry Pi	84
4.	One day Workshop on "Art of Writing a Paper"	46
5.	National level Technical Symposium e-Blast SLV2k17	70

*T. Purnanandha*  
28/5/18  
**Overall Coordinator**

*du*  
28/5/2018  
**HOD/ECE**

*J. Murali*  
28/5/2018  
**Principal**

**H.O.D.**  
**ELECTRONICS AND COMMUNICATION ENGINEERING**  
**KINGS COLLEGE OF ENGINEERING**  
**PUNALKULAM - 613 303**  
**PODUPATTI, TALUK, PUDUCHI.**

**PRINCIPAL**  
**Kings College of Engineering**  
**PUNALKULAM - 613 303.**





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**ACADEMIC YEAR (2017-2018) ODD SEMESTER**  
**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS (IETE)**  
**IETE STUDENTS' FORUM (ISF)**  
**GUEST LECTURE - ACTIVITY REPORT**

24.7.17

The IETE students Forum (ISF) organized a guest lecture titled “Solar Powered Inverters” on 21.7.17 for the IETE student members. Mr.T.Jeyaseelan, AP/ECE, IETE Students’ Forum (ISF) coordinator coordinated the activity. The IETE student members have attended the Guest Lecture. Er. S. Arunkumar, Manager, Engineering & Solution support, YASKAWA INDIA PVT.LTD, Bangalore, was the resource person.



Mr.T.Jeyaseelan , Asst.Professor,ISF-coordinator, honoring Er. S. Arunkumar, Manager, Engineering & Solution support, YASKAWA INDIA Pvt. Ltd. Bangalore





Er.S. Arunkumar, Manager, Engineering & Solution support, YASKAWA INDIA PVT.LTD delivering guest lecture.



View of the participants (IETE student members)



Mr.S. Arunkumar, in his lecture shared about his firm YASKAWA and their major products in the field of solar power systems. He explained the concept of solar power harvesting, working principle of Photovoltaic cell, specifications & requirements of PV pannel and functional blocks of solar powered inverter. He also highlited the concepts and techniques of maximum power tracking, positioning and orientation of PV pannels, comparison of output power obtained in winter and summer and issues of solar power harvesting. Through the guest lecture, the students gained technical knowledge on solar powered inverter and its applications in the field of Renewable energy. The session was informative and the students were interactive and inspired.





# REPORT

## One Day (09-03-2018) Workshop on CAD for VLSI

CO ordinators

Mr.W.Newton David Raj AP/ECE

Mr.P.Raja Pirian AP/ECE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
KINGS COLLEGE OF ENGINEERING PUNALKULAM



One day work shop on CAD for VLSI organized by department of Electronics and communication engineering held on 09-03-2018, to motivate the students to involve them in VLSI Domain and also the students got more ideas about tools used in CAD. **Dr.M.Joseph, Principal. St.Joseph College of Engineering and Technology, Thanjavur & Mr.T.Pasupathi AP/ECE , Kings college of Engineering** were the resource persons.

		
Presidential Address By Mrs.T.Shanthi	Honoring the Chief Guest	Participants
		
Chief guest Address by Dr.M.Joseph	Hands on session by Mr.T.Pasupathi	Hands on session at VLSI Lab

The workshop was begins at 10.10a.m, Mr.P.Raja Pirian AP/ECE welcomes the resource person and the gathering, followed by Mr.W.Newton David Raj AP/ECE introduced the chief guest, Mrs.T.Shanthi, Project officer delivered the inaugural address after that the chief guest was honored by Mrs.T.Shanthi. Finally Dr.M.Joseph delivered the chief guest address. Immediately the 1<sup>st</sup> session begins with a Lecture on Introduction to CAD for VLSI by Dr.M.Joseph. After the Lunch break The 2<sup>nd</sup> session was continued by Mr.T.Pasupathi AP/ECE at VLSI lab with CAD tools. The students were actively involved in the entire sessions. The program ends with valedictory.

Nearly 41 students were participated in the workshop; 28 students from our college and the remaining participants from KSK Engineering college and Vandaiyar engineering college.

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**Department of Electronics and Communication Engineering**  
**Report – One day Workshop on “Internet of Things using Arduino and Raspberry Pi”**

Department of Electronics and Communication Engineering and IEEE Student Branch of our college organized a **One Day Workshop on “Internet of Things using Arduino and Raspberry Pi”** on 20th March, 2018, where 84 students and 4 faculty from various Engineering colleges gained knowledge. The objective of the workshop is to provide Hands-on training on IoT. Participants learnt and practically embedded programs to Arduino and Raspberry Pi board. Students gained much more knowledge about practical implementations of IoT under the guidance of our resource person **Mr. A.Jeevanantham, Assistant Professor/Information Technology, Kongu Engineering College, Perundurai.**

**Coordinators:**

1. Mr.T.Pasupathi, Assistant Professor/ECE
2. Mr.A.Herald, Assistant Professor/ECE

**Inaugural Session:**

The dignitaries on the Dais during the inaugural session were Dr.T.Shanthi, Project Officer, Mrs. N. Mangaiyarkarasi, Ac. Coordinator / ECE and Mr.T.Pasupathi, AP/ECE. The program was started with Thamizh Thaaai Vaazthu followed by welcome address delivered by Mr.T.Pasupathi, AP/ECE. Dr. T. Shanthi, Project officer, delivered the presidential address, she briefed the technologies used in our day today life and the overview of IoT devices in various applications. Mr. A.Jeevanantham, Assistant Professor/Information Technology, Kongu Engineering College, delivered the inaugural address. Mrs.N.Managaiyarkarasi, Ac.Coord, delivered felicitation address. She briefed the objectives and scope of the workshop.



Welcome Address by Mrs. T.Pasupathi



Presidential address by Dr. T.Shanthi



## Session 1- Overview of Internet of Things.

During the session, Mr. A.Jeevanantham, AP/IT, KEC, Perundurai, discussed real life use cases on IoT application and make the session really interactive by providing an opportunity to suggest a solution to real life scenario.



Inaugural address by Mrs.N.Mangaiyarkarasi



View of Participants

## Session 2- Hands on training on IoT platform using Ardiuno and Rasberry Pi.

The second session of workshop was planned to provide hands on experience with IoT device and application. Participants were introduced to the Arduino and Rasberry Pi concept from a programming point of view and its relevance to IoT device. All the participants participated in coding for accessing IoT device through android application.



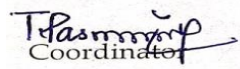
Mr. A. Herald delivering vote of thanks

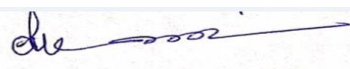



Dignitaries issuing certificate to the participants

## Valedictory Function:

The participants shared their feedback about the training programme. Dignitaries, distributed the certificates to the participants. Mr. A. Herald, AP/ECE delivered the vote of thanks. Finally the program ended with National anthem.

  
Coordinator

  
Ac. Coordinator (ECE)

  
Principal



### Contents:

The seminar focuses on:

- Definition of Research
- Research theme search
- Citation writing practice
- Experiments and Analysis
- Research article writing
- Language issues
- Plagiarism
- Presentation

### Resource Persons:

Faculties from reputed institutions like NITs and Faculty of Kings College of Engineering.

### Registration fees:

Spot registration is permitted. Scanned copy of the registration form must be sent through e-mail [qr@kce.edu.in](mailto:qr@kce.edu.in) before 28.01.2018.

IEEE Members	: Rs.100
Non IEEE Member	: Rs.250

The registration fee includes course material, lunch and refreshment.

### Transport:

Participants can avail the transport facilities of the college.

### Chief Patron:

Dr. R. Rajendran  
Secretary

Mr. T.R.S. Mathakumar, MHA,  
Chief Executive Officer

### Patron:

Dr. J. Aruptha Vijaya Selvi  
Principal

### Co-Patron:

Dr. S. Sivakumar  
Vice Principal

### Coordinators:

Mr. T. Panupathi  
APJCE - R&D

Mr. J. Niranjan Samuel  
JRF/R&D



Please mail your registration form to:

The Coordinator,  
Seminar on Art of Writing a Paper,  
R & D Section, Kings College of Engg.,  
Punalakulam - 613303.  
Phone : 04362 - 282474

For further information contact :

Mr. T. Panupathi - 98941 04645  
Mr. J. Niranjan Samuel - 99947 18168



**KINGS**  
COLLEGE OF ENGINEERING

NAAC Accredited Institution

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

## SEMINAR ON ART OF WRITING A PAPER

Organised by

IEEE Student Branch  
and  
R & D Section  
Kings College of Engineering

On  
29<sup>th</sup> January, 2018

@  
Kings College of Engineering  
Punalakulam - 613 303  
website: [www.kingsindia.net](http://www.kingsindia.net)

### About our Institution:

Kings College of Engineering (KCE) is an institution which was formed with the single aim of providing quality education to the poor and underprivileged students. KCE is approved by All India Council of Technical Education, New Delhi (AICTE) and is affiliated to Anna University, Chennai. The institution was established in the year 2001 on a sprawling campus of around 60 acres on the Thanjavur-Pudakkottai Highway and run by Raj Educational Trust (RET). The institution offers six U.G and four P.G programmes and certified with ISO 9001:2008. The state of the art teaching methodologies are used to impart high quality education to the students including e-learning.

### About R & D Section:

The Department of Electronics & Communication, Electrical & Electronics Engineering and Mechanical Engineering are recognized as research centres for collaborative research by Anna University, Chennai. A significant number of projects funded by various government and non government funding sectors namely DRDO, MCTI, AICTE, New Delhi, TNSCST, Chennai, Analog Devices, USA & Texas Instruments, USA are successfully carried out.

Faculty members are encouraged to participate in the faculty development programs, workshops and seminars organized by other institutions in their research area as a step towards strengthening their domain knowledge.

### About the seminar:

Writing a scientific research paper is a pre-requisite for undertaking research. Substantial research effort is required to draft a scientific research paper by researchers. However scholars do not know how to draft a paper with the experimental results, required by the peer reviewed journals leading to rejection. Writing a research paper is an knowledge based skill.

This seminar offers a platform for the scholars to enrich their art in writing research papers. This workshop helps to emphasize the value of research and enables them to have an opportunity to publish their research findings in journals and understand the best practices of publishing journal papers.

### Target Audience:

The seminar is open to Faculty Members, Students, Research Scholars and persons working in R&D Organizations and Industries.

Kings College of Engineering  
Punalakulam - 613 303  
Seminar  
on  
"Art of Writing a Paper"

### Registration Form

Please fill this form and send it to us by email  
[rsdd@kingsindia.net](mailto:rsdd@kingsindia.net).

1. Name (in block letters) :
2. Qualification :
3. Designation :
4. Institution / Organization :
5. Address for Communication :
6. Phone No. / Mobile :
7. E-mail :

Signature of the applicant

Signature of the Head of the Department





## **R & D Section and IEEE STB**

### **Seminar on “Art of Writing a Paper”**

A Seminar on “**Art of Writing a Paper**” was organized on 29<sup>th</sup> January, 2018. Mr. T. Pasupathi, AP/ECE, welcomed and introduced the resource person to the gathering. Dr. J. Arputha Vijaya Selvi, Principal and IEEE SBC presided over the function and delivered presidential address. In her presidential address, she briefed the importance of research for students of engineering and technology. Also, she insisted the participants to undertake research and publish their findings in conferences and reputed journals and stressed that the research paper should reveal the uniqueness of the work carried out and clearly describe the strategies adopted in the work.

Dr. S. Bharathi Raja, Principal, Indra Ganesan College of Engineering, Tiruchirappalli, delivered inaugural address. In his address, he stressed on the importance of doing research. During the session I, he delivered talk on “**Research to Reward**”. In his lecture, he briefed on the methods of research: Scientific method, Engineering method, Empirical method and Analytical method. Also he explained the steps involved in research: Literature survey, open problem, need for present research, experimentation, analysis, validation and results & discussion.



Dignitaries on the dais



Dr. S. Bharathi Raja delivering inaugural address

In addition, he advised the students to refer ‘[www.issn.org](http://www.issn.org)’ which reveals the format of universally accepted research papers. Also, he stressed the importance of literature survey and points to be cited as: what author did, what methodology has been followed and results of the research work. Finally, he shared how to make an attractive power point presentation and intellectual property rights.





A view of the participants



One of the participant sharing the feedback

Dr. R. Amirtharajan, Associate Professor/SEEE, SASTRA University, Thanjavur delivered talk on **“How to make an effective oral presentation without Plagiarism”** during session-II. In his lecture, he briefed about making an effective presentation with case study on “Image steganography”. During his lecture he demonstrated freeware plagiarism/grammar checking tools.



Dr. R. Amirtharajan delivering lecture



Dr. R. Amirtharajan issuing certificates to the participants

Dr. S. Sivakumar, Vice Principal presided over the valedictory function. Dr. R. Amirtharajan, issued certificates to the participants. Ms. Jaishree, student III ECE delivered vote of thanks. The programme was concluded with national anthem.

*T. Pasumipati*  
*Dr. S. Sivakumar*  
 Coordinators

*J. Rami*  
 3/2/18  
 Principal





## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2017-2018 (ODD SEMESTER)

### NATIONAL LEVEL TECHNICAL SYMPOSIUM (eBLAST2k17)

Date: 01/09/2017

Venue: AV Hall

### REPORT

Department of Electronics & Communication Engineering of Kings College of Engineering, Punalkulam, organized National Level Technical Symposium, **e-BLAST2k17**, on 01.09.2017. The objective of the symposium is to share the technical knowledge among students of various Engineering colleges all over India. Mr.A,Aravind Armstrong, President, e-BLAST2k17, delivered the welcome address. Final year student, Ms.S.Priyadharshini, Vice-President, introduced the Guest of Honour. **Dr.A.Amuthasurabi, Prof & Head, Indian Institute of Food Processing, Thanjavur** was the Guest of Honour and delivered inaugural address. In his address, he briefed about **"80-20 Policy"**. Mrs. T.Shanthi, Associate Professor/ECE, Kings College of Engineering felicitated. 30 papers were received and 20 papers were selected for presentation after scrutinization. 40 students from various colleges participated and presented their papers pertaining to Electronics and Communication Engineering. 30 students participated in non-technical events.



Gathering of Participants and Students



Chief guest introduction was delivered by Ms.Priyadharshini, Vice-President





Honoring the guests by **Dr.J.Arputhavijayaselvi**, HOD/ECE, and Prof.T.Shanthi.



Inaugural Address by **Dr.A.Amuthasurabi**



Felicitation Address by **Mrs.T.Shanthi** ,  
**Associate professor/KCE**

e-BLAST2K17 Souvenir was released by **Dr.A.Amuthasurabi**, Prof and Head, IIFPT, Thanjavur and received by **Dr.T.Jayasankar** Assistant professor, Anna university, Thiruchirappalli.



Souvenir released by **Dr.A.Amuthasurabi** and received by **Dr.T.Jayasankar**.



On this occasion, an Intradepartmental Mini Project Expo was organized to enable the students to exhibit their talents in the form of projects related to Water level alarm, Automatic plant irrigation system and Electronic Eye controlled security system. About 37 (second year and third year) students participated in the exhibition. 16 projects were exhibited; students explained the working principle of their projects and demonstrated.



**Dr.R.Rajendran** ,Secretary , Kings college of Engg and **Dr.J.Arputha Vijaya Selvi** , Principal ,Kings College of Engg viewing the project exhibition

Final year student, Mr.N.Aravind, Treasurer, e-BLAST2k17, delivered the Vote of Thanks. Finally, Mr.R.Ponni, AP/ECE Coordinator of e-BLAST2K17, expressed thanks to the Management, CEO, Principal, Vice- Principal, Teaching and Non teaching staff members, students of ECE and the participants from various colleges for the grand success of e-BLAST2K17.



Prize and certificates distribution to the Technical events participants by **Dr.J.Arputha Vijaya Selvi** , Principal,KCE



Prize and certificates distribution to the paper presentation participants by **Dr.J.Arputha Vijaya Selvi** , Principal,KCE



**DEPARTMENT OF MECHANICAL ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**



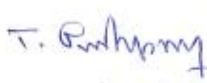



## DEPARTMENT OF MECHANICAL ENGINEERING

### Capacity & Skill Enhancement Programme Report Organized during 2017 – 2018

S.No	Name of the capability Enhancement Programme	Number of Students Trained
1	Virtual Lab Psychrometry and its Properties	98

  
Overall Coordinator

  
HOD/MECH  
Dr. T. PUSHPARAJ, M.E., Ph.D.,  
Prof. & Head - Mechanical Engineering,  
Kings College of Engineering,  
Punakulam-613 303.

  
Principal  
**PRINCIPAL**  
**Kings College of Engineering**  
**PUNAEKULAM-613 303**



## DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR 2017-18 (ODD SEMESTER)

### VIRTUAL LAB – PSYCHROMETRY AND ITS PROPERTIES

#### OBJECTIVE OF VIRTUAL LAB:

A virtual laboratory is a tool for distance learning and/or experimentation that allows people to share knowledge, data, voice, video, tools, and many other resources. It provides a suitable environment to extend, improve, integrate, refine, and assist the learning and/or experimentation process of many subjects, thus contributing to an increase of the effectiveness of scientific research and widening the use of scarce or costly equipments.

Lab courses richly rely upon new up-to-date content and various techniques that require a new synergy of knowledge and experimental implementation.

This project is an initiative of Ministry of Human Resource Department under National Mission on Education through ICT. These experiments and labs will be hosted for open access through the main project website <http://vem-iitg.vlabs.ac.in/>

#### PROGRAM CONDUCTED:

Department of Mechanical Engineering conducted Virtual Lab Session for the course Psychrometry and its properties.

Venue: Drawing Hall

Date: 04.08.17

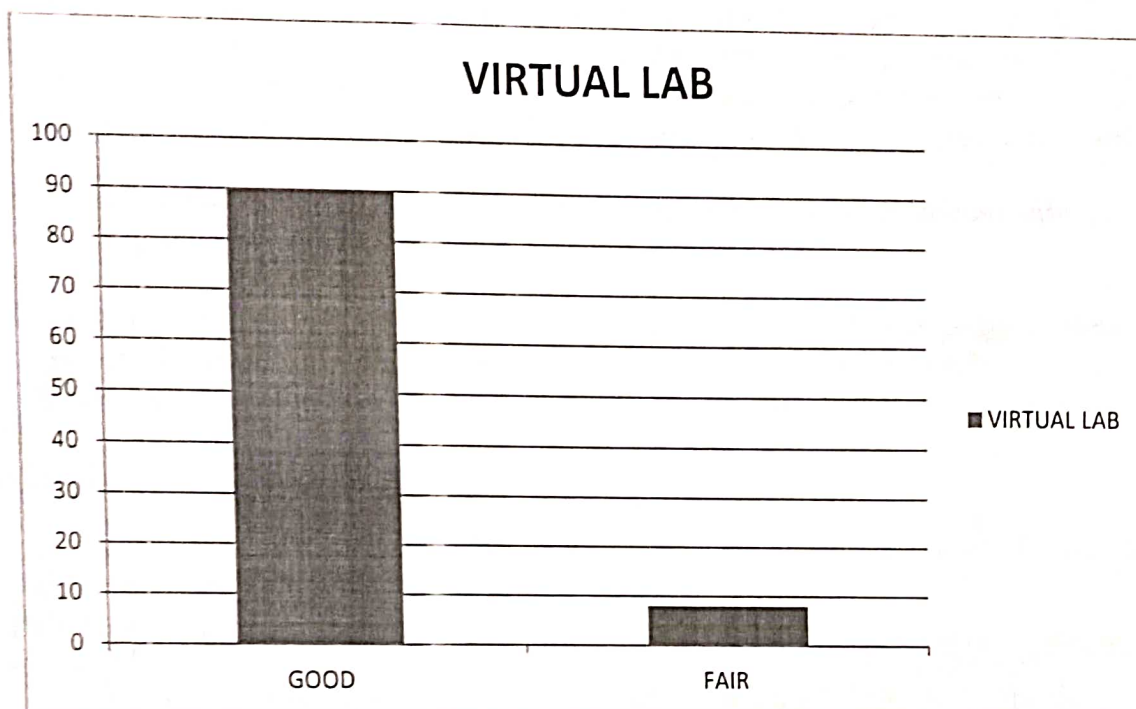
The session was attended by third year Mechanical students. 98 students were attended this program.





## FEEDBACK:

Feedback also collected for this virtual lab session, 90 students marked well out of 98.



*V. V. [Signature]*  
IQAC MEMBER

*T. [Signature]*  
HoD/MECH

*[Signature]*  
**PRINCIPAL**  
Kings College of Engineering.  
PUNALKULAM - 613 303.



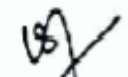
**DEPARTMENT OF SCIENCE  
HUMANITIES,  
DEPARTMENT OF ENGLISH**

**CONSOLIDATE LIST OF  
SKILL ENHANCEMENT PROGRAMME**



**DEPARTMENT OF ENGLISH**  
**SKILL ENHANCEMENT PROGRAMME ORGANIZED DURING 2017-2018**

1.	One-Day Workshop on 'Communication Skills Development'
2.	Communication Skills for Engineering Teachers
3.	Career Through Communication



**HoD/S&H**





12.02.2017

DEPARTMENT OF ENGLISH

CIRCULAR

This is to inform that a Guest Lecture Programme on **Career Through Communication** has been scheduled for the III year students from Civil and EEE Departments between 2.00pm and 4.55pm on 19<sup>th</sup> Feb 2017. The programme is to be delivered by Prof. Y Parvas Sharif, Department English, Jamal Mohamed College, Trichy. Hence, the Head of the respective departments are requested to permit the students belong to both batches to attend the programme.

  
Programme Coordinator

  
Head English





To

07.02.2017

Y. Parvas Sharif  
Assistant Professor,  
Department of English,  
Jamal Mohamed College,  
Trichy

Sir,

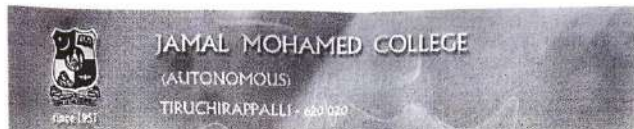
We have organized a Guest Lecture Programme on **Career Through Communication** on 19.02.2017 for the III year EEE & Civil students who are attending Communication & Soft Skills Laboratory. We, henceforth, take great pleasure in inviting your esteemed presence as a resource person for the programme mentioned above.

Looking forward to your kind consent and favourable reply.

Thanking you,

With regards,  



Y.PARVAS SHARIF  
Assistant Professor  
Department of English

11.02.2017

To  
J.Radhakrishnan  
Assistant Professor  
Department of English  
Kings College of Engineering  
Punalkulam

Sir,

I derive much pleasure accepting your invitation to take part in the Guest Lecture Programme on Career Through Communication on 19.02.2017. I find it a great opportunity for me to disseminate the value of communication for better job avenues in the world and also thank you very much for inviting me.

Regards,

-sd-



**REPORT**  
for  
**GUEST LECTURE**  
On  
**Career Through Communication**

Date: 21.02.2017

Venue: A/V Hall

**ABSTRACT:**

On 19<sup>th</sup> Feb, 2017 the Department of English organized under E-Zone, the English Club, a guest lecture on "Career Through Communication" by Mr.Y.Parvas Sherif, Asst. Prof. Department of English, Jamal Mohamed College, Trichy. The guest speaker in his presentation highlighted the value of english communication and the endless opportunities available in foreign countries and India

The seminar was attended by V semester Civil & EEE students. This seminar gave awareness to students about the various career options and the way to process it through impressive communication.

Earlier, the programme had a formal inception with a welcome address by Mr. J. Radhakrishnan, Asst Prof, Dept. of English, a Guest Introduction by R. Senguttuvan, Head, English Department, the gathering was thanked by Dr. V. Kumaran, Asst. Prof. , Department of English, and the whole session was concretely backed by Mr. K.Albert Lawrence, and Mr. P.Rajeshwaran, Asst. Profs., Department of English, KCE.

**OBJECTIVES:**

Upon the necessity to drive home our students the essentiality of language in the present scenario, the third year students were inducted to a guest lecture programme on career through communication. The programme was scheduled in perfect tune to meet out the objectives. The resource person who has great exposure towards training the students on language skills had impeccably delineated the nuances involved in learning and speaking flawlessly on the language and tremendously implemented all the strategy with the participants to make them understand the employment opportunity underlies along with it.

The Power point presentations of the resource person pertinently fitted on to the topic Career Through Communication. He discussed much about the importance of a good command over the language which opens for a plethora of job avenues that offer plummy package. He also demanded from the students if they could learn the language with all its nuances. In the middle of the programme, he insisted that bringing about a change in our personalities is difficult but with passion and determination, one could change and the communication paves a better platform for this.

He, also did a micro analysis on the techniques of learning English language easily. It was found to be highly effective and the participants were seemed to take all ideas to the heart and were seen using it perfectly.



Apart from throwing questions to the participants, he had also invited volunteers to take part in the activity used then and there throughout the programme. The student participants exuded their pleasure of learning the language skills with a neatly sketched planner and insisted to have such programme once again.

#### **FINDINGS:**

The students got some tips on how to enhance the language skill. They were found to have realized the need of extensive reading and listening. To top it all, they were seemed to have understood the one key ideology of the practice of what is learnt forms a full circle of language enrichment. They were also fed with an iota of advice to have role models, being positive, seeking good in past, present and future, strengthening their morality and ethics. They were also taught to nurture relationships, value friendships and express gratitude as these are all deemed to be vital tools leading for good communication.

*The memorable excerpts of the programme on **Carreer Through Communication**:*



Mr. R. Sengutuvan, Head, Department of English, KCE, is introducing the gathering our Guest (in center) Mr.Y.Parvas Sherif , Asst. Prof. Department of English, Jamal Mohamed College, Trichy,





Our Guest is being honoured with a memento by Dr. J. Arputha Vijaya Selvi, Dean(R&D)



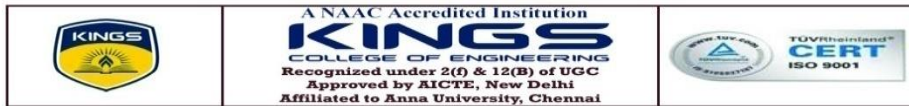
Our student participants are ardently listening to the presentation of our Guest.

  
Programme Co-ordinator

  
Head of English

  
Principal 11/02/07





## **DEPARTMENT OF TRAINING & PLACEMENT**

# **CONSOLIDATED LIST OF SOFT SKILLS, APTITUDE, CAPACITY & ENHANCEMENT PROGRAMME**





## DEPARTMENT OF TRAINING AND PLACEMENT

### CONSOLIDATED LIST OF SOFT SKILLS, APTITUDE, CAPACITY AND SKILL ENCHANCEMENT PROGRAMME ORGANISED DURING

**2017 - 2018**

S. NO	COURSE TITLE	NO. OF STUDENTS PARTICIPATED	CATEGORY
1.	Technical Training on Software Development	65	ICT/Computing Skills
2.	Training on Soft Skills & Aptitude	195	Soft Skills, ICT/Computing Skills
3.	Training on Soft Skills & Aptitude	147	ICT/Computing Skills

**FACULTY INCHARGE**

**HoD**

**PRINCIPAL**

**PRINCIPAL**  
Kings College of Engineering  
PUNALKULAM - 613 303



## Report - Technical Training

Report No: 1

Date: 20-7-17

Resource Person: Ms. V.Pavithra, HI-TECH SYSINFO, Coimbatore.

Topic: Software Development

Participants: IV year CSE & ECE Students

Venue: AV Hall

Date: 19<sup>th</sup> & 20<sup>th</sup> July 2017.

Number of Students participated:

Departments	Strength	Present
CSE	34	25
ECE	43	40

### Summary:

The session started with the introduction about the current trend in IT industry and then about the various areas where the students need to concentrate while deciding about their career. The need for HDML, JAVA & .Net as a middle ware as briefed. The session was very interactive and informative and interested students interacted with the resource persons to get more information.

Feedback: A positive feedback about the program was given by the students through the feedback forms. Students requested for more training programs to conduct at regular intervals.

  
Vice Principal & Head (T&P)



## Report - On Training Programme

**Report No: 3**

**Ref No: KCE/T&P/P001 dated 15/09/2017**

**Program: Training On Soft Skills & Aptitude**

**Date: 04-09-17 to 09-09-17 (6 Days)**

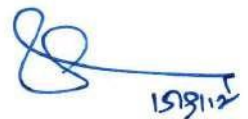
**Trainers: Ways Open Consultancy Pvt. Ltd., Chennai.**

**Venue: CSE Block, II Floor**

**Total no of students trained: CIVIL A&B -118, CSE- 34 & ECE-43**

The Aptitude & Soft skills training programme was organized by the Department of Training & Placement for the IV year Civil, CSE & ECE students' total 195 were trained. The training sessions on various topics of Aptitude like Numbers, Surds, Clock, Calendar, Time, Speed & Distance, Profit & Loss, Problems on train, Problems on age and data interpretation and on Soft Skills like Interpersonal Skills, GD, Interview skills and management games were conducted. An online aptitude test was conducted on company (Datalogistics) based questions.

The students were given effective training materials for both aptitude and soft skills for regular practice and reference. The sessions were completed successfully and it is found that 08.09.2017 & 09.09.2017 30 students of Civil engineering have cut the classes. The event has been monitored by by Dr.S.Sivakumar, Vice Principal, and the T&P staff members. Feedback has been sought from both the trainers and students and was shared to improve the usefulness of the training program.



15/9/17



**ACADEMIC YEAR**  
**2016-2017**



**DEPARTMENT OF COMPUTER SCIENCE &  
ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### Capacity & Skill Enhancement Programme Report Organized during 2016 - 2017

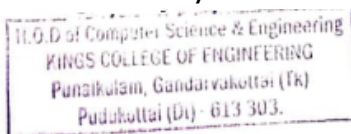
S.No	Name of the capability enhancement program	Number of Students Trained
1.	Guest Lecture on "Grid Computing"	62
2.	Guest Lecture on "Cloud computing"	101
3.	Guest Lecture on "Computer Graphics"	98
4.	Guest Lecture on "Computer Networks"	92
5.	Guest Lecture on "Distributed Systems"	52

Sg. Puv 25/5/17

**Overall Coordinator**

25/5/17

**HOD/CSE**



25/5/17

**Principal**

**PRINCIPAL**  
Kings College of Engineering.  
PUNALKULAM - 613 303.



## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### Capacity & Skill Enhancement Programme Photographs organized during 2016- 2017



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ACADEMIC YEAR 2016-2017/ODD SEMESTER

#### Technical Event Report

1. Name of the Event : Guest Lecture
2. Date & Session : 16.07.2016 & FN
3. Venue : Chera Hall, Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Mr.S.Rajarajan, AP, Dept of CSE
6. Topic : **GRID COMPUTING**
7. Organized for : IV yr Students
8. Number of Participants : **62**
9. Resource Person : Mr.G.Ganesan, AP/CSE  
K.L.N. College of Information Technology,  
Pottapalayam.
10. Purpose : To give Lecture on Grid Computing



*Mr.G.Ganesan,Asst. Professor, Dept of CSE,KLNIT delivering guest lecture on "Grid Computing".*

**Coordinator**

**HOD/CSE**





## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING ACADEMIC YEAR 2016-2017/ODD SEMESTER

### Technical Event Report

1. Name of the Event : Guest Lecture
2. Date & Session : 22.07.2016 & FN
3. Venue : Chera Hall, Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Mr.S.Rajarajan, AP, Dept of CSE
6. Topic : Cloud Computing
7. Organized for : III yr & II yr Students
8. Number of Participants : 101
9. Resource Person : Mr.T.Thamaraiselvan,  
Managing Director, Isysway technologies,  
Thanjavur
10. Purpose : To give an exposure on cloud computing  
to share computing resources.



Mr.T.Tamaraiselvan. Managing Director, Isysway technologies, Thanjavur delivering guest lecture on "Cloud Computing".

**Coordinator**

**HOD/CSE**





**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2016-2017/ODD SEMESTER**

**Technical Event Report**

1. Name of the Event : Guest Lecture
2. Date & Session : 25.07.2016 & FN
3. Venue : Chera Hall, Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Mr.S.Rajarajan, AP, Dept of CSE
6. Topic : **Computer Graphics**
7. Organized for : II yr & III yr Students
8. Number of Participants : **98**
9. Resource Person : Dr. M.Sri devi,  
Associate Professor, Dept of CSE,  
NIT, Trichy
10. Purpose : To give an introduction to computer  
graphics focusing image synthesis and  
rendering



Dr.M.Sridevi, Asst. Professor, Dept of CSE, NIT-Trichy delivering guest lecture on "Computer Graphics".

**Coordinator**

**HOD/CSE**






**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2016-2017/ EVEN SEMESTER**  
**Technical Event Report**

1. Name of the Event : Guest Lecture
2. Date & Session : 30.01.2017 & FN
3. Venue : Chera Hall, Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Mr.S.Rajarajan, AP,Dept of CSE
6. Topic : **Computer Networks**
7. Organized for : II yr & III yr Students
8. Number of Participants : **92**
9. Resource Person : Dr.G.Nanthakumar,  
Assistant Professor, Dept of CSE AAMEC
10. Purpose : To give an introduction about the computer networks and configuration and application



Dr.G.Nanthakumar, Asst. Professor, Dept of CSE,AAMEC delivering guest lecture on "Computer Networks".

  
**Coordinator**

  
**HOD/CSE**






**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2016-2017/ EVEN SEMESTER**  
**Technical Event Report**

1. Name of the Event : Guest Lecture
2. Date & Session : 18.03.2017 & AN
3. Venue : Pallava Hall, Kings College of Engineering
4. Level of the Event : Department Level
5. Name of the Organizer : Mr.S.Rajarajan, AP,Dept of CSE
6. Topic : **Distributed Systems**
7. Organized for : III yr Students
8. Number of Participants : **52**
9. Resource Person : Dr.S.Senthil Kumar  
Head of the Department  
UCE, Pattukkottai
10. Purpose : To give an introduction about the  
Distributed systems the process of  
distribution and communication ,  
scheduling ,and resource sharing.



Dr.S.Senthil Kumar,Asst. Professor, Dept of CSE,UCE-PKT delivering guest lecture on “Distributed System”.

  
**Coordinator**

  
**HOD/CSE**



**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**





**KINGS**  
COLLEGE OF ENGINEERING  
(NAAC Accredited Institution)  
(Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai)



## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Capacity & Skill Enhancement Programme Report Organized during 2016 - 2017

S.No	Name of the capability enhancement program	Number of students Trained
1.	Guest Lecture on Image Security	47
2.	Guest lecture on Digital Image Processing	47
3.	National Level Technical Symposium eBlast'16	94
4.	Workshop on Embedded Real-Time Operating System and its Applications	124

*T. P. Ramalingam*  
Overall Coordinator 25/5/17

*du s...*  
HOD/ECE 25/5/17

*S. M. M. S.*  
Principal 25/5/2017

**H.O.D.**  
ELECTRONICS AND COMMUNICATION ENGINEERING  
KINGS COLLEGE OF ENGINEERING  
PUNALKULAM - 613 303.  
GANDARVAKOTTAI TALUK, PUDUKOTTAI DISTRICT

**PRINCIPAL**  
Kings College of Engineering  
PUNALKULAM - 613 303.





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Academic Year 2016-2017 (Odd Semester)**

**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION  
ENGINEERS**

**IETE STUDENTS' FORUM (ISF)**



**A REPORT  
OF  
GUEST LECTURE**

**22<sup>nd</sup> JULY 2016**

**Department of Electronics and Communication**

**Kings College of Engineering**





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Academic Year 2016-2017 (Odd Semester)**

**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS (IETE)  
IETE STUDENTS' FORUM (ISF)  
GUEST LECTURE - ACTIVITY REPORT**

The Department of Electronics and Communication Engineering , Kings College of Engineering had Organized a Guest Lecture on 22.7.16 for the final year ECE IETE student members under the IETE students' Forum.

The Activity was organized with prior permission and guidance of the Hon. Principal Dr.S.DuraiRaj and Dr.J.Arputha vijaya selvi, Professor and Head, ECE department, Kings College of Engineering.

Mr.T.Jeyaseelan AP/ECE, IETE Students' Forum (ISF) coordinator coordinates the Guest Lecture activity. The 47 IETE student members of B.E (ECE), final year attended the Guest Lecture.

Dr.R.Amirtharajan, Associate Professor, Department of Electronics & Communication Engineering , SASTRA University was invited for the Guest Lecture with prior requisition.

Dr. R. Amirtharajan has been working as a Associate Professor in the department of Electronics & Communication Engineering SASTRA University since 1997.

His research interests include Image Processing, Information Hiding, Computer Communication and Network Security. So far he filed two International Patent (USA & WIPO) and one in India;

He has published 123+ Research articles in National & International journals and 28 IEEE conference papers with 4 BEST paper awards.





Dr.J.Arputha vijaya selvi , Professor & Head, ECE Dept, honored Dr.R. Amirtharajan , Associate Professor ,SASTRA University for the Guest Lecture Activity on 22.7.2016.



Dr.R. Amirtharajan , Associate Professor, SASTRA University delivers Guest Lecture on Image Security to the IETE student members on 22.7.2016..





The IETE student members participated in the Guest Lecture delivered by Dr.R. Amirtharajan , Associate Professor ,SASTRA University on 22.7.2016.



The IETE student members participated in the Guest Lecture delivered by Dr.R. Amirtharajan , Associate Professor ,SASTRA University on 22.7.2016.



Dr.R. Amirtharajan explained the origin of data security and its potential growth in the field of communication. He explained the concept of image security with some simple assignments such as generating a secure ATM card PIN number and how airtel other service provider use unique number for recharging services.

He shared about the basic requirements to have secure password for internet banking, email account and other services. students learned the basics of data security and how it plays vital role in modern communication system and human life.

During the session, the students were interactive and got inspiration in the Lecture. The Resource person highlighted the concept of image security, algorithm and its applications in wireless communication.

The Resource person explained about how image security is used in mobile devices. The Students gained knowledge on image security and its applications in the field of communication.

The Students were able to know the method of generation of unique number which is used in the communication system and services.

Dr.R. Amirtharajan shared the scope of the Image security in the field of communication with current research work.



### List of Students Attended Guest Lecture on Image Security on 22.7.16

YEAR/SEM	S.NO.	NAME OF STUDENT	Class & Section
IV/VII	1	KRISHNAVENI.S	IV ECE 'A'
	2	ANNALAKSHMI.A	
	3	KISHORE.G.K	
	4	ISHWARYA PILLAI.M	
	5	DEEPIKA.L	
	6	JASMINE.K	
	7	BARGAVI.G	
	8	JAYALAKSHMI.M	
	9	ABINAYA.A	
	10	ELAMATHI.M	
	11	AJEETHKUMAR.V	
	12	JEEVA.M	
	13	ARAVIND.K	
	14	AKSHAYA.A	
	15	KIRUTHIKA.B	
IV/VII	16	MANGALA NAYAGI.S	IV ECE 'B'
	17	NIVETHA.R	
	18	NOORJAHAN.S	
	19	PADMAPRIYA.K	
	20	PAVITHRA.S	
	21	PREETHI.M	
	22	PREETHIKA.V	



<b>IV/VII</b>	23	PRIYA DARSINI.S	
	24	PRIYA DHARSHNI.K	
	25	PRIYANKA.M	
	26	PRIYANKA.R	
	27	RAJAGOWRI.V	
	28	RAJASRI.E	<b>III ECE 'B'</b>
	29	RAJESHWARI.R	
	30	SALAM BEGUM.R	
	31	SHALINI.K	
	32	SHOBICA.S	
	33	SINDUJA.S	
	34	SRIDEVI.A	
	35	SWATHI.R	
	36	SUSHMITHA.P	
	37	POTHUMSELVI.R	
	38	PAVITHRA.E	
	39	PRIYANGA.V	
	40	SHYAMALA.K	
	41	MANJULAVANI.H	
	42	MANIKANDAN.D	
	43	SHANMUGA PRIYA.K	
	44	NABINIYA.M	
	45	SUSANDHIYAA.R.S	
	46	SURUTHI.R	
	47	RAJARAJAN.V	

### Outcome

The Guest Lecture brought an insight in the area of image security for the students . The students got inspiration about the image security applications and the consequences of insecure password, PIN number, etc. They learned about the basic concept of image security and the techniques for the generation of unique number, and its applications.





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Academic Year 2016-2017 (Even Semester)**

**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION  
ENGINEERS**

**IETE STUDENTS' FORUM (ISF)**



**A REPORT  
OF  
GUEST LECTURE ON  
DOCUMENT IMAGE PROCESSING**

**17.03.2017**

**Department of Electronics and Communication**

**Kings College of Engineering, Thanjavur.**





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Academic Year 2016-2017 (Even Semester)**

**THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS (IETE)**

**IETE STUDENTS' FORUM (ISF)**

**GUEST LECTURE - ACTIVITY REPORT**

The Department of Electronics and Communication Engineering , Kings College of Engineering had Organized a Guest Lecture on 17.3.2017 for the final year ECE IETE student members under the IETE students' Forum.

The Activity was organized with prior permission and guidance of the Hon. Principal Dr.S.DuraiRaj and Dr.J.Arputha vijaya selvi, Professor and Head, ECE department, Kings College of Engineering.

Mr.T.Jeyaseelan AP/ECE, IETE Students' Forum (ISF) coordinator coordinates the Guest Lecture activity. The 47 IETE student members of B.E (ECE) attended the Guest Lecture.

Dr.R.Diwakar, Assistant Professor (Sr.G), Department of Electronics & Communication Engineering, SRM University was invited for the Guest Lecture with prior requisition.

His research interests include Document Image Processing. He has published selected 8+ Research articles in National & International journals and 6 Publications in international conferences.





Dr.J.Arputha vijaya selvi , Professor & Head, ECE Dept, honored Dr.R.Diwakar, Assistant Professor (Sr.G), Department of Electronics & Communication Engineering, SRM University for the Guest Lecture Activity on 17.3.2017.



Dr.R.Diwakar, Assistant Professor (Sr.G), Department of Electronics & Communication Engineering, SRM University delivered Guest Lecture on Document Image Processing to the IETE student members on 17.3.2017.





The IETE student members participated in the Guest Lecture on 17.3.2017.



The IETE student members participated in the Guest Lecture on 17.3.2017.



Dr.R.Diwakar explained the way one shall view the document and in reality it has more kinds of information such as images, text, layout and colors etc.,

He shared about the the evolution of Document usage, life cycle, production, distribution,consumption and archival,Document image processing, Document images merits

During the session, the students were inteactive and got inspiration in the Lecture.

The Resource person explained about image compression standards of JPEG(Joint Photographic Experts Group), GIF( Graphics Interchange Format) and PNG (Portable Network Graphics).

The Students gained knowledge on image compression standards and the algorithms used by the compression standards.

The Students gained knowledge on image compression standards and for natural images JPEG gives better compression while sharp-edged line art images could be better compressed by GIF compression standard.

The Resource person shared the scope of Document Image Processing in field of searching , information decoding and storage.



**Outcome**

The Guest Lecture brought an insight in the area of Document Image Processing for the students . The students got inspiration about the viewing of a Document, layout , text image, different compression standards for natural images and sharp edge-line art images and searching an information from the document image .





# Kings College of Engineering

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Proudly Presents

## e-BLAST 2016<sup>ON SEP 17</sup>

NATIONAL LEVEL TECHNICAL SYMPOSIUM

### EVENTS

- PAPER PRESENTATION
- PROJECT EXPO
- TREASURE HUNT
- MARKETING
- LOGO & SLOGAN GAME
- 120 SECOND TO FAME

LAST DATE: 31-08-16  
INTIMATION DATE: 02-09-16  
REGISTRATION FEES  
PAPER PRESENTATION: ₹300  
OTHER EVENTS: ₹100

### TOPICS

- DIGITAL INDIA
- SMART CITY DEVELOPMENT
- WIRELESS COMMUNICATION
- SIGNAL PROCESSING
- NANO ELECTRONICS
- AUTOMATION
- ARTIFICIAL INTELLIGENCE
- EMBEDDED & VLSI
- OTHER INNOVATIVE TOPICS

Two Members for a Team  
for all Events



*Begins. The rest follows*

#### Staff Coordinators:

Mr.R.Balakrishnan,M.E.,MBA.,MISTE. 8870356968  
Mr.W.Newton David Raj,M.Tech.,MBA. 9751818592

#### Student Coordinators:

V.Rajarajan,9489164563  
R.Kavitha

More Details: @ [www.kingsindia.net](http://www.kingsindia.net)

Send Papers to: [eblast2k16@gmail.com](mailto:eblast2k16@gmail.com)

Follow us on: [Eblast2k16](https://www.facebook.com/Eblast2k16)





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**REPORT**

**for**

**One Day**

**National level technical symposium  
e BLAST 2K16**

**On 17/09/2016**

**Guest of Honour**

**Dr. S.P.Subramaniyan.**

**Deputy Controller of Patents & Designs and Head of Office, Chennai**

**Felicitations**

**Dr. P. Muthuchidambaramanathan**

**Associate Professor, NIT , Tiruchirapalli.**

**Coordinators**

**Mr.R.Balakrishnan, AP/ECE**

**Mr.W.Newton David Raj, AP/ECE**





## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**ACADEMIC YEAR 2016-2017 (ODD SEMESTER)**

**NATIONAL LEVEL TECHNICAL SYMPOSIUM (eBLAST2k16)**

**Date : 17/09/2016**

**Venue : AV Hall**

### **REPORT**

Department of Electronics & Communication Engineering of Kings College of Engineering, Punakulam, organized National Level Technical Symposium, **e-BLAST2k16**, on 17.09.2016 (Saturday). The objective of the symposium is to share the technical knowledge among students of various Engineering colleges all over India. **Dr. S.P. Subramaniyan**, Deputy Controller of Patents & Designs and Head of Office, Patent Office, Chennai, was the Guest of Honour and delivered inaugural address. **Dr.P.Muthuchidambaranathan**, Associate Professor, National Institute of Technology, Tiruchirappalli, felicitated. 75 papers were received and 67 papers were selected for presentation after scrutinization. 54 students from various colleges participated and presented their papers pertaining to Electronics and Communication Engineering. 40 students participated in non-technical events. Final year student, Mr.V.Rajaraman, President, e-BLAST2k16, delivered the welcome address. Dr.J.Arputhavijayaselvi, Dean and HOD / ECE introduced the Guest of Honour, Dr.S.P.Subramaniyan, and Prof. T. Shanthi, introduced the Guest, Dr.P.Muthuchidambaranathan.



Welcome address delivered by Mr.V.Rajaraman, President of eBLAST2K16



Chief guest introduction was delivered by Dr.J.Arputhavijayaselvi, HOD of ECE





*Honoring the guests by Dr.J.Arputhavijayaselvi, HOD/ECE, and Prof.T.Shanthy.*



Citing the vision of Karikal Chozhan, who built the Grand Anicut , one of the oldest water- diversion / water-regulator structures in the world, Dr. A.P.J. Abdul Kalam’s India vision 2020 and Shri. Narendra Modi’s Clean India mission, Dr.S.P.Subramaniyan, stated that for industrial development innovations should be patented. Technology should not be borrowed and knowledge based innovations should be protected. Also, he pointed out that, 45,000 patent applications are filed in India every year. He also called for patenting incremental innovations.



Inaugural Address by Dr.S.P.Subramaniyan



Felicitation Address by Dr.P.Muthuchidambaranathan

Dr.P.Muthuchidambaranathan, in his address, explained Cellular concept and Multi-antenna techniques for wireless communication. He also briefed the fundamental concepts, propagation mechanism and remedial measures in wireless communication. e-BLAST2K16 Souvenir was released by Dr.S.P.Subramaniyam and received by Dr.P.Muthuchidambaranathan.



Souvenir released by Dr.S.P.Subramaniyam and received by Dr.P.Muthuchidambaranathan.



On this occasion, an Intradepartmental mini project expo was organized. Students exhibited their projects related to home automation, waste recycling and advancements in communication technology.



Dr.S.P.Subramaniyan and Dr. P. Muthuchidambaramanathan, Guests of e-BLAST2K16, viewing the exhibits of the students

Final year student, Ms.R.Kavitha, Vice-president, e-BLAST2k16, delivered the Vote of Thanks. Finally, Mr.R.Balakrishnan and W.Newton David Raj, Coordinators of e-BLAST2K16, expressed thanks to the Management, CEO, Principal, Vice- Principal, Teaching and Non teaching staff members, students of ECE and the participants from various colleges for the grand success of e-BLAST2K16.



Prize and certificates distribution to the participants

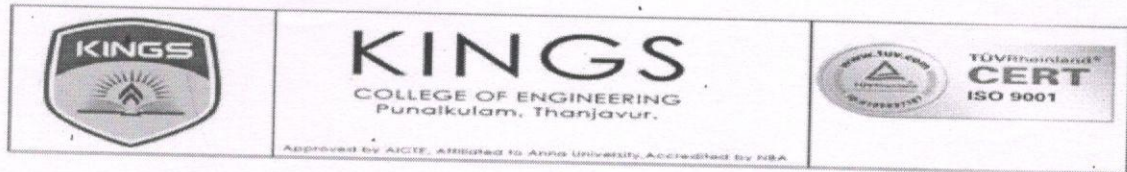


Vote of thanks was delivered by R.Kavitha, vice-president of "e-BLAST 2k16



Symposium coordinator Mr. R.Balakrishnan, Asst. Prof, offerings thanks





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**Academic Year 2016 – 17**

**Circular**

**Date: 21.07.2016**

This to inform that the ECE department has arranged a seminar on the title **"Embedded Real Time Operating System and its applications"** for the final year ECE students on **29<sup>th</sup> July 2016**. All the final year students have to attend the seminar to enrich their knowledge in embedded system.

Resource Person: B. Jothi  
CRG Engineer (Core Research Group)  
Prolific Svstms & Technologies Pvt.  
Chennai

Venue: Pallava Hall

Time: 3.00p.m. – 4.30p.m.

Coordinators

(Mr.T.Jeyaseelan)  
(Mrs.P.Geethabai)

*J. Arputha Vijaya Selvi*  
21/7/16  
HOD/ECE

(Dr.J.Arputha Vijaya Selvi)

*IV A - W. Newton.*  
*IV B - Jothi*  
*21/7/16*





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**Academic Year 2016 – 2017**

**REPORT**

**Seminar on – “Embedded Real Time Operating System and its applications”**

Venue: Pallava Hall

Date: 29.07.2016

Department of Electronics and Communication Engineering has organized a seminar on **“Embedded Real Time Operating System and its applications”** for the final year ECE students of strength 124 on 29.07.2016 (Friday) at Pallava Hall @10.30 a.m. Mr.T.Jeyaseelan AP/ECE and Mrs.P.Geethabai AP/ECE has coordinate this event.



The event coordinators Mr.T.Jeyaseelan and Mrs.P.Geethabai with the Resource person Mr.Jothi,CRG Engineer,PROLIFIC on the Dias



The event was started at 10.30a.m. with the welcome address delivered by Mrs.P.Geethabai AP/ECE, followed by the introducing and honoring of the Resource person by Mr.T.Jeyaseelan AP/ECE. Then the session was handed over to the resource person.



**Mr.T.Jeyaseelan introducing the Resource Person**



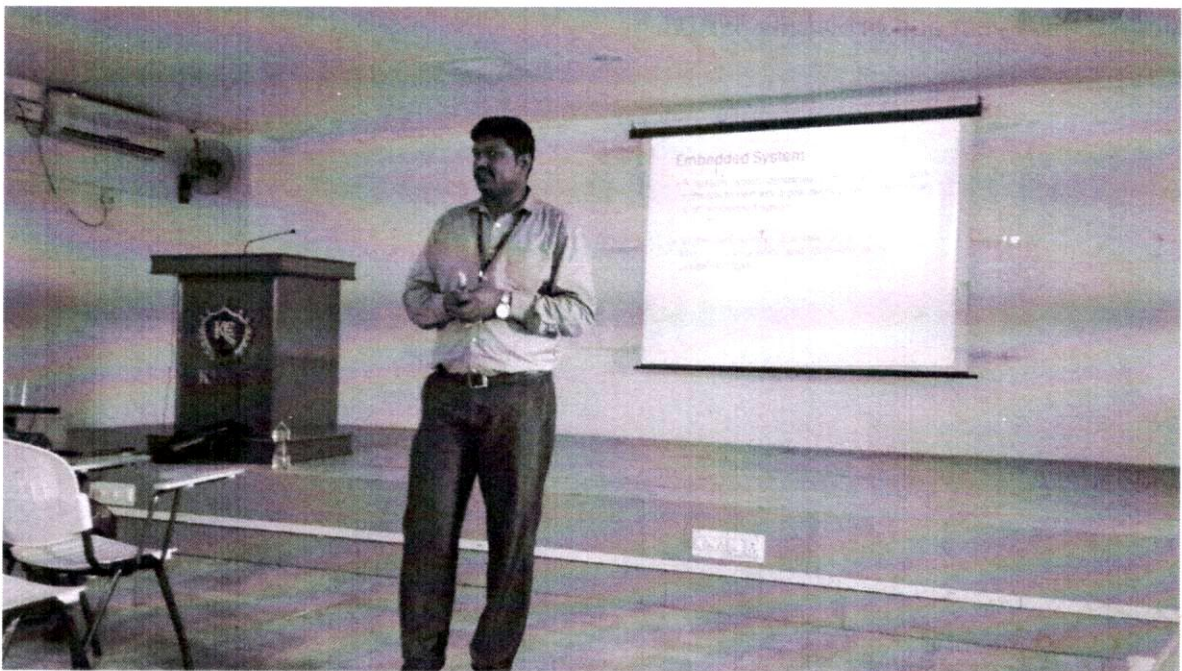
**Mr.T.Jeyaseelan honoring the Resource Person**





**Mr.T.Jeyaseelan honoring the Resource Person with the memento**

Mr. B. Jothi, CRG Engineer, PROLIFIC, Chennai was the Resource person. He delivered lecture on microprocessor and microcontroller and their differences, on embedded system, on recent protocols in real time applications and their usages.



**The Resource person Mr.Jothi on delivering the lecture**



The session was very interacting and interesting for the students. The session came to an end at 12.30p.m. with the feedback delivered by the students.



Final year ECE students at the seminar

The event ended with the delivery of vote of thanks by Mrs.P.Geethabai,AP/ECE, Thanking the Management, Principal, Accounts Officer, Dean R&D/HOD-ECE for granting permission to conduct this event and providing SFRDS.

Jes P. Geethabai  
Coordinators

(Mr. T. Jayaseelan)  
(Mrs. P. Geethabai)

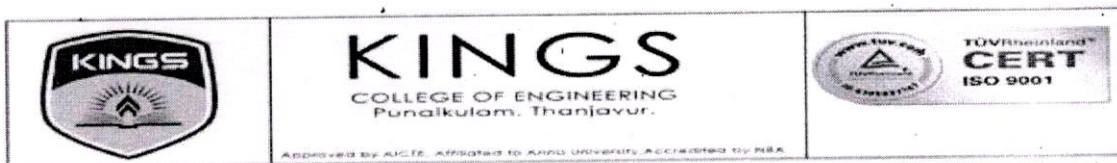




### PROFILE

Name	B. Jothi
Designation	CRG Engineer (Core Research Group)
Organization	Prolific Systems & Technologies Pvt. Ltd.,
Location	Chennai
Educational Profile	Master of Science M.Sc., - Electronics
Career Profile	<ul style="list-style-type: none"><li>◆ Working as Sr. Core Research Group Engineer in M/s. <b>PROLIFIC SYSTEMS &amp; TECH. PVT. LTD.</b>, Chennai, for the past 6 years.</li><li>◆ Conducted various training programs related to Embedded Systems, MATLAB, PCB Designing etc, to Engineering Graduates / Diploma Holders in various Colleges across South India.</li><li>◆ Proficient in<ul style="list-style-type: none"><li>f. EMB C, Micro Controllers</li><li>g. Matlab, PCB Designing</li><li>h. Robotics, Serial Buses</li><li>i. ARM, PIC, Emb Linux</li><li>j. RTOS</li></ul></li></ul>





**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**ACADEMIC YEAR 2016-2017 (ODD SEMESTER)**

**RECEIPT**

**Ref: KCE/ECE/HOD/SFRDS/2016-2017 /ODD/02**

**29/7/2016**

Received with thanks a Sum of Two Thousand Five Hundred Rupees (Rs 2500/- only) towards remuneration for presenting a seminar on **"EMBEDDED RTOS and its Applications"** on 29.07.2016 to the Final year ECE students (124 students) organized by Department of Electronics and Communication Engineering, Kings College of Engineering, Punalkulam, Thanjavur.

Resource Person

**B. Jothi**  
**CRG Engineer (Core Research Group)**  
**Prolific Systems & Technologies Pvt. Ltd.,**  
**Chennai**



Dr. J.Arputha Vijaya Selvi, M.E., Ph.D.,

Dean R&D, HOD/ ECE,

Kings College of Engineering

Thanjavur - 613 303.

29.07.2016

To

B. Jothi

CRG Engineer (Core Research Group)

Prolific Systems & Technologies Pvt. Ltd.,

Chennai

Dear Sir,

On behalf of our Management, Principal, Faculty and students of ECE, we express our sincere thanks for your Lecture on **"Embedded Real Time Operating System and its applications"** delivered to the final year ECE students on 29.07.2016 in our Department. Your Lecture was valuable and useful to our students to explore their knowledge in Embedded System.

Thank you,

Regards,

Dr. J.Arputha Vijay Selvi.

Dean R&D, HOD/ ECE

Dr. J. Arputha Vijaya Selvi,

M.E., Ph.D.,

DE/ R&D

Kings College of Engineering,

Punalkulam, Gandarvakkottai Tk,

Pudukkottai District - 613 303,

Tamilnadu.



**DEPARTMENT OF MECHANICAL ENGINEERING**

**CAPACITY & SKILL ENHANCEMENT  
PROGRAMME REPORT**





**KINGS**  
COLLEGE OF ENGINEERING  
(NAAC Accredited Institution)  
(Approved by AICTE, New Delhi, Affiliated to  
Anna University, Chennai)





## DEPARTMENT OF MECHANICAL ENGINEERING

### Capacity & Skill Enhancement Programme Report Organized During 2016 - 2017

S.No	Name of the capability Enhancement Programme	Number of Students Trained
1	ISTE-STUDENT CHAPTER (TN 217) Paper Presentation	15

  
Overall Coordinator

  
HOD/MECH  
Dr. T. PUSHPARAJ, M.E., Ph.D.,  
Prof. & Head-Mechanical Engineering,  
Kings College of Engineering,  
Punalkulam-613 303.

  
Principal  
**PRINCIPAL**  
**Kings College of Engineering**  
PUNALKULAM-613 303.





## ISTE-STUDENT CHAPTER (TN 217)

### Paper Presentation Report

1. Name of the Event : Paper Presentation
2. Topics :
  - (1) Today – Environmental Challenges and Remedies
  - (2) Recent Trends in Solar System
  - (3) Recent Trends in Thermal System
3. Date & Time : 2.02.2017 & 2.00pm – 3.30pm
4. Venue : Pallava Hall, Kings College of Engineering
5. Level of the Event : Students
6. Name of the Organizer : Mrs.T. Gnanajeya & Mrs.V.Filomin Joseena  
Coordinators – ISTE CHAPTER
7. Organized for : ISTE Student Members of MECH Department
8. Number of Participants : 15 (8 Teams)
9. Purpose : Skill development & Knowledge Sharing
10. Event Photos : Annexure – IA
11. Attendance Sheet & Score sheet : Annexure – IB
12. Prize winners : Annexure – IC

  
COORDINATOR  
3/2/17

  
PRINCIPAL



Paper Presentation held on 02.02.2017



Student actively presenting the paper



ISTE Student Chapter Coordinators observe the performance





**ISTE STUDENT CHAPTER (TN 217)**  
**PAPER PRESENTATION**  
**ATTENDANCE SHEET**

DATE : 02.02.17

VENUE : Pallava Hall

TEAM NO.	STUDENT NAME	CLASS	SIGNATURE
1.	A. PARTHASARATHY R.A. RAJAKUMARAN	III MECH B	A. Parthasarathy R.A. Rajakumar
2.	R. KARTHICK RAJA A. KISHORE KUMAR	III MECH B	R. Karthick Raja A. Kishore Kumar
3.	S. Hariharan R. NAVANEETHA	III MECH -B	S. Hariharan R. Navaneetha
4.	K. RAJESH KRISHNAN A. RAMKUMAR	III Mech B	K. Rajesh Krishnan A. Ramkumar
5.	R. Manikandan R. Sabarinathan	III Mech B	R. Manikandan R. Sabarinathan
6.	S. Radhakrishnan M. RAMKUMAR	III MECH B	S. Radhakrishnan M. Ramkumar
7.	G. Kuralarasan	III-Mech-B	G. Kuralarasan
8.	B. RAJAN E. RAJKUMAR	III-Mech 'B'	B. Rajan E. Rajkumar
9.			
10.			
11.			
12.			

DEPT. ISTE COORDINATOR  
 (K. JOTHIBASU)

ISTE COORDINATOR  
 3/2/17





## ISTE-STUDENT CHAPTER (TN 217)

**Paper Presentation on 02.02.2017 – PRIZE WINNERS**

PRIZES	CLASS	NAME OF THE STUDENT
FIRST	III MECH B	S.HARIHARAN R.NAVANEETHA KRISHNAN
SECOND	III MECH B	R. KARTHICK RAJA A. KISHORE KUMAR
THIRD	III MECH B	A. PARTHASARATHY R.A. RAJAKUMARAN

18. 1  
Coordinator  
ISTE Chapter  
3/2/17

*Handwritten signature in green ink.*

*Handwritten signature in green ink.*  
PRINCIPAL




**DEPARTMENT OF SCIENCE  
HUMANITIES,  
DEPARTMENT OF ENGLISH**

**CONSOLIDATE LIST OF  
SKILL ENHANCEMENT PROGRAMME**



**DEPARTMENT OF ENGLISH**  
**SKILL ENHANCEMENT PROGRAMME ORGANIZED DURING 2016-2017**

1.	2-Day Workshop on 'How to Develop Communication Skill'
2.	Fictionalize Your Fiction
3.	Language-Fulcrum of Professional Society

  
**HoD/S&H**





**DEPARTMENT OF ENGLISH**

**CIRCULAR**

21.03.2017

This is to inform that 'Fictionalize your Fiction' a Story Writing Competition has been arranged by the department for the first year students between 3.45pm and 4.30pm on March 24, 2017 in Communication Skills Laboratory. The guidelines and themes of the story will be informed on the spot. The interested students are informed to register their names with the Programme Incharge Dr. V.Kumaran, AP II/English on or before 23.03.2017.

Programme Incharge

HoD/S&H

Note: On spot registration shall not be entertained.





**DEPARTMENT OF ENGLISH**

**Fictionalize your Fiction (A Story Writing Competition)**

**24.03.2017 (03.45pm to 04.30pm)**

**Venue: Communication Skills Lab**

**List of Participants**

S.No.,	Roll No.,	Name	Class
1	16ECE10	M.Balaji	I ECE
2	16ECE13	S.Dhanasekaran	I ECE
3	16ECE19	E.Ilankhadir	I ECE
4	16ECE35	K.Priyadharshini	I ECE
5	16ECE57	U.K. Vidhya Sri	I ECE
6	16ME B15	E. Sanjay	I Mech B
7	16ME B20	M. Sathish Kumar	I Mech B
8	16MEB29	J.Udhayanithi	I Mech B
9	16MEB33	R.Venkatesh	I Mech B
10	16MEB38	J.Vikram	I Mech B
11	16CE15	I. Lydia	I CIVIL
12	16ME A12	M. Anurajan	I Mech A
13	16ME A14	B. Arun	I Mech A
14	16ME A26	K.Ezhilvendan	I Mech A
15	16ME A34	J. Joseph Manvel Raja	I Mech A
16	16ME A37	K. Mahesh	I Mech A





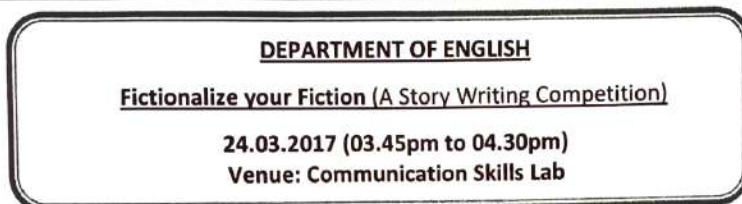
**DEPARTMENT OF ENGLISH**  
**Fictionalize your Fiction (A Story Writing Competition)**  
**24.03.2017 (03.45pm to 04.30pm)**  
**Venue: Communication Skills Lab**

**SCORING SHEET**

S.No.,	Roll No.,	Name	Class	Marks (10)
1	16ECE10	M.Balaji	I ECE	7
2	16ECE13	S.Dhanasekaran	I ECE	6
3	16ECE19	E.IIankhadir	I ECE	5
4	16ECE35	K.Priyadharshini	I ECE	9
5	16ECE57	U.K. Vidhya Sri	I ECE	6
6	16ME B15	E. Sanjay	I Mech B	6
7	16ME B20	M. Sathish Kumar	I Mech B	5
8	16MEB29	J.Udhayanithi	I Mech B	5
9	16MEB33	R.Venkatesh	I Mech B	5
10	16MEB38	J.Vikram	I Mech B	5
11	16CE15	I. Lydia	I CIVIL	8
12	16ME A12	M. Anurajan	I Mech A	4
13	16ME A14	B. Arun	I Mech A	5
14	16ME A26	K.Ezhilvendan	I Mech A	5
15	16ME A34	J. Joseph Manvel Raja	I Mech A	5.5
16	16ME A37	K. Mahesh	I Mech A	5

*[Signature]*  
24/3/17





### **Report**

A Story Writing Competition 'Fictionalize your Fiction' was successfully conducted by the English department between 3.45pm and 4.30pm in Communication Skills Lab for the first year students. The numbers of students registered for the contest with the Programme In-charge Dr.V.Kumaran, AP/English were sixteen. All the registered students turned up enthusiastically for the contest. At the outset the contestants were instructed with the guidelines and given a starter like characters, place and theme. They were given only thirty minutes to pen their story by giving wings to their imagination. Based on the language, imagination and theme, the story was weighed up. After the valuation three were selected as the winners of creators. The Laurels go to K.Priyadharshini from I ECE for clinching the first place, I.Lydia, I Civil for winning second place and M. Balaji, I ECE for getting third place.

### **Out Come of Programme**

Overall it was a best performance from the student contestants as they felt that it was a chance for them to understand their level of ability in writing skills. By observing the best writer's feat and usage of language made in their creative writing, it is disclosed that many students have potency in all spheres. On the whole it was a fine stage for the winners and positive learning for the losers.





  
Programme In-charge

 27/12/11  
HoD/S&H



From

K. Albert Lawrence  
Programme Coordinator,  
Department of English,  
Kings College of Engineering,  
Punalkulam.

To

The Principal  
Kings College of Engineering,  
Punalkulam.

Respected sir,

Sub: Requesting permission to conduct a Guest Lecture-Reg.

We have planned to organize a Guest Lecture on English for national and international examinations and placements under the title of "Language-Fulcrum of Professional Society" for III Civil A & B and III EEE. Dr.R.Karthikeyan, Asso.Prof & Head, Department of English, Anjalai Ammal Mahalingam Engineering College, has consented to deliver Lecture on 26.07.2016 between 2.00pm and 4.30pm. Hence I request you to permit us to organize this programme.

Place: Punalkulam

Date: 15.07.2016

Yours faithfully

  
(K. Albert Lawrence)





**KINGS**

COLLEGE OF ENGINEERING  
Pudukulam, Thanjavur.

Approved by AICTE, Affiliated to Anna University, Accredited by ISO 9001



TUV Rheinland  
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ISO 9001

**DEPARTMENT OF ENGLISH**  
**GUEST LECTURE**  
**On**  
**LANGUAGE-FULCRUM OF PROFESSIONAL SOCIETY**

**AGENDA**

*(2.00pm-04.30pm)*

Welcome Address (2.00pm – 2.05pm)	:	<b>J. Radhakrishnan</b> Asst. Prof. / English
Guest Introduction (2.05pm – 2.10pm)	:	<b>Dr. V. Kumaran</b> Asst. Prof. / English
Topic Presentation (2.10pm – 4.10pm)	:	<b>Dr. R.Karthikeyan</b> Associate Professor Department of English AAMEC, Kovilvenni.
Feed Back (4.10pm – 4.25pm)	:	<b>Mr. K. Albert Lawrence</b> Asst. Prof. / English
Vote of Thanks (4.25pm – 4.30pm)	:	<b>Mr. P. Rajeshwaran</b> Asst. Prof. / English

\*Target Audience: III EEE

III CIVIL A & B







### DEPARTMENT OF ENGLISH

#### CIRCULAR

18.07.2016

This is to inform that a **Guest Lecture** on English for national and international examinations and placements under the title of "**Language-Fulcrum of Professional Society**" is scheduled for III Civil A & B and III EEE between 2.00pm and 4.30pm on 26 July 2016. The Lecture is to be delivered by **Dr. R. Karthikeyan**, Associate Professor, Head, Department of English, Anjalai Ammal Mahalingam Engineering College, Kovilvenni. Hence, the students are intimated to be present to the programme without fail and gain the opportunity to enhance the knowledge in language skill knowing the global English language skills tests.

  
Programme Coordinator

Head/H&S





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COLLEGE OF ENGINEERING  
Pondicherry, Tamil Nadu



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ISO 9001

**DEPARTMENT OF ENGLISH**

**GUEST LECTURE**

**On**

**LANGUAGE-FULCRUM OF PROFESSIONAL SOCIETY**

**Report**

The **Guest Lecture** on English for national and international examinations and placements under the title of **“Language-Fulcrum of Professional Society”** was successfully conducted for III Civil A & B and III EEE students between 2.00pm and 4.30pm on **26 July 2016** in A/V Hall. Mr.J.Radhakrishnan, AP II/ English welcomed the resource person **Dr. R. Karthikeyan**, Associate Professor, Head, Department of English, Anjalai Ammal Mahalingam Engineering College, Kovilvenni, and the gathering. Dr.V.Kumaran, APII/ English introduced and honoured the Chief Guest after a small inspiring speech. And then the session was handed over to the resource person. He explained the existing scenario of the engineering field in which the students must be man stuff with all round capability in which English language plays a vital role. It is a fulcrum for enriching employability skills and to get employed or to become entrepreneur. The objective of the programme was attained with opening of the student’s eye on the national and international examinations by lurid oration. The **143 students** who were attending the Guest Lecture incurred the positive reception of the valuable thoughts delivered. The students gave positive feedback on the programme. Then the programme came to an end with the vote of thanks by P.Rajeshwaran API/English.



**DEPARTMENT OF SCIENCE AND HUMANITIES**

**PROGRAMMES ORGANIZED**

**HEALTH AND HYGIENE- REPORT**








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(Approved by AICTE, New Delhi, Affiliated to  
Anna University, Chennai)




## HEALTH AND HYGIENE CLUB PROGRAMMES ORGANISED



S. No.	ACADEMIC / PROGRAMME	PARTICIPANTS
<b>2020-21</b>		
1	AWARENESS PROGRAMME ON COVID-19 AND SOCIAL DISTANCING	162
2	WEBINAR ON IMPORTANCE OF WASTE MANAGEMENT TO ENVIRONMENTAL SANITATION	120
<b>2018-19</b>		
3	A ONE DAY EYE SCREENING CAMP	250
4	PULSE POLIO CAMPAIGN	315

  
**HoD / S&H**  
Head of the Department  
Dept. of Science & Humanities,  
Kings College of Engineering,  
Punalkulam, Thanjavur - 613 303

  
**Principal**  
**PRINCIPAL**  
Kings College of Engineering,  
PUNALKULAM - 613 303.





ANNAAC Accredited Institution  
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Recognized under 2(F) & 12(B) of UGC  
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CERT  
ISO 9001

## NATIONAL SERVICE SCHEME

NOT ME



BUT YOU

### "COVID-19 AND SOCIAL DISTANCING"

Date & Time: 20.01.2021, 03:00p.m

Online Mode

As per the direction of Ministry of Youths Affairs and Sports in the scheme of Swachh Pakhwada under Swachh Bharat Mission, a one day Programme on **COVID-19 AND SOCIAL DISTANCING** was organized by the National Service Scheme Units of our college on 20.01.2021 at 03:00p.m. The programme officers Mr. P. Raajeshwaran, Unit I and Mr. S. Ambalatharasu, Unit II, had made arrangement of this programme.

The programme was inducted by Dr. R. Rajendran, Secretary, and Dr. J. Arputha Vijayaselvi, Principal, of Kings College of Engineering. The gathering was welcomed by Mr. P. Raajeshwaran, In-charge of Unit I, Assistant Professor, English. The programmes witnessed the Guest Dr. Sasivarman, Medical officer, Rashtriya Bal Swasthya Karyakram (RBSK), Thanjavur, and a total of 162 NSS Volunteers participated.

While addressing the programme, the guest clinically pointed out, "Researchers in China found that the most common symptoms among people who were hospitalized with COVID-19 include: Fever: 99%, Fatigue: 70%, A dry cough: 59%, Loss of appetite: 40%, Body aches: 35%, Shortness of breath: 31%, Mucus or phlegm: 27%. Symptoms usually begin 2 to 14 days after you come into contact with the virus."

He also mentioned, "The virus that causes COVID-19 infects people of all ages. However, evidence to date suggests that two groups of people are at a higher risk of getting severe COVID-19 disease. These are older people (that is people over 60 years old); and those with underlying medical conditions (such as cardiovascular disease, diabetes, chronic respiratory disease, and cancer). The risk of severe disease gradually increases with age starting from around 40 years."

At the end of the programme, Mr. S. Ambalatharasu, In-charge of Unit II, Assistant Professor, Physics, KCE, thanked everyone of the volunteers and the guest.

NSS PROGRAMME OFFICERS

PRINCIPAL





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1867 2001

## NATIONAL SERVICE SCHEME

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### "IMPORTANCE OF WASTE MANAGEMENT TO ENVIRONMENTAL SANITATION"

Date & Time: 09.10.2020, 12.00 p.m

Online Mode

#### Report

As per the direction of Ministry of Youths Affairs and Sports in the scheme of Swachh Pakhwada under Swachh Bharat Mission, the topics of **Importance of Waste Management to Environmental Sanitation** was organized by the National Service Scheme Units of our college on 09.10.2020 at 12.00 p.m.,. The programme officers Mr. P. Rajeshwaran, Unit I and Mr. S. Ambalatharasu, Unit II, made all arrangements for this programme.

The programme was inaugurated by Dr. R. Rajendran, Secretary, and the Principal, Dr. J. Arputha Vijaya Selvi, extended tremendous help for the success of the programme. Dr.P.Saravanan, Assistant Professor, Dept. of Chemistry, KCE, was the guest of the programme that was attended by **120 NSS volunteers** of our college. Delivering a lot of message about Environmental waste management, the guest delineated that it is crucial not only in maintaining the cleanliness of our surroundings but also keeping the good health of the people. He shared that there are actually different types of waste – namely human and animal feces, solid wastes, domestic wastewater, industrial wastes, and agricultural wastes. And waste management is the strategy to prevent, monitor, handle, and treat these wastes of this world. He also insisted, "This requires logical and meticulous planning" and said, "the effectiveness of this process will benefit everyone as well."

While addressing the gathering, he made clear that, "There are number of waste management and recycling companies that take tremendous effort to recycle the wastes." He mentioned the existence of a company called Green Mountains, a leading provider of liquid and solid waste treatment and disposal, as well as chemical waste disposal services which assumes pride in being one of the best when it comes to collecting, transporting, treating, and disposing of any kind of waste materials.

Finally, the ardent gathering was effusively thanked by Mr. S. Ambalatharasu, in-charge of Unit II, Assistant Professor, Physics, KCE.

  
NSS PROGRAMME OFFICERS

  
PRINCIPAL





## National Service Scheme NOT ME BUT YOU "A One Day Eye Camp"

Date & Time: 08.02.2019, 10.00 AM


Venue: Chemistry Lab


### Report

A One Day Eye Camp was organized by NSS in association with Dr Agarwals Eye Hospital, Thanjavur at our college premise on 08.02.2019 by 10.00 AM. In this Camp, Mohamed Harish.N.M. DRT Executive and his team, screened the vision of our students & faculties. The Camp was started at 10.00 AM and inaugurated by our Secretary Dr. R. Rajendran. The Principal Dr.J.Arputha Vijaya Selvi encouraged the organizers and student volunteers. The Camp was arranged by NSS programme officers Mr. P. Rajeshwaran, Unit I, Mr. S. Ambalatharasu, Unit II.

The team, consisting of four members including Mohamed Harish.N.M. DRT Executive, Dr. Agarwals Eye Hospital Thanjavur, examined the power of eyesight with Retina treatment, letters reading, computerized eye testing.

Finally, the camp came to end at 2.30 PM. During this camp 200 Students and 50 staff members were expected to be benefitted through this eyes camp. There is no better way to thank god for your sight than by giving a helping hand to someone in the dark. Since we cannot change reality let us change the eyes which see reality.

  
11/02/2019  
NSS PROGRAMME OFFICERS

  
11/2/2019

PRINCIPAL







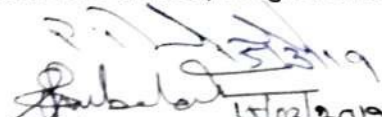
**KINGS**KINGS COLLEGE OF ENGINEERING  
AND TECHNOLOGY  
PUDUKKOTTAI  
(An ISO 9001:2015 Certified Institution)  
(Approved by AICTE, UGC, Distance Education Council)**CERT****NATIONAL SERVICE SCHEME (NSS)****NOT ME  BUT YOU****"Report on Volunteering Pulse Polio Campaign"****DATE & TIME:** 09.03.2019 - 12.03.2019 & 07.00AM to 07.00PM**VENUE:** Toll Gate, Puthunagar, Gandarvakottai**REPORT**

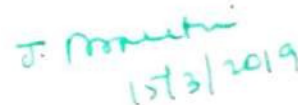
Pulse Polio is an immunization campaign established by the government of India to eliminate poliomyelitis (polio) in India by vaccinating all children under the age of five years against the polio virus. The project fights poliomyelitis through a large-scale pulse vaccination programme and monitoring for polio cases. The Pulse Polio campaign has been scheduled in two phases for the year 2019. The first phase was scheduled 09<sup>th</sup> Mar 2019. Many immunization booths were set up in different places having the prime notion that no children should be missed out from vaccination.

In order to assist in one of the immunization booths in Puthunagar area, Dr.N.Sai Praba M.B.B.S, Block Medical Officer, Primary Health Center, Puthunagar, Pudukkottai district, made a request for groups of volunteers to do service in the Toll Gate at Puthunagar. With the consent of Dr.R.Rajendran, secretary and Dr.J.Arputha Vijaya Selvi, Principal, two teams were set up consisting of four members in each group. The members were

Team I			Team II		
S.No.	Name of the students	Class	S.No.	Name of the students	Class
1	R.Akash	I Mech A	1	S.Krishnakanth	I Mech A
2	D.Akash Raja	I Mech A	2	M.Maheswaran	I Mech A
3	S.Fazhil Ahamed	I Mech A	3	S.Samuel	I Mech B
4	B.Jeyaraj	I Mech A	4	S.Sanjay Kumar	I Mech B

They had been given many instructions on how to handle vaccine box and drops in the training programme conducted by K.Boominathan, Health inspector, Puthunagar, on 09.03.2019 at 2.00pm. Our team members were in the noble service of helping the health officials on Three days from 10.03.2019 to 12.03.2019 in the Toll Gate of NH226 generated at Puthunagar. The first team was in the service from 07.00am to 12.00pm whereas the second team from 12.00pm to 05.00pm. The numbers of children vaccinated in that point were 315. Frequent visits were made by NSS Programme officers, Mr.P.Rajeshwaran, Unit-I & Mr.S.Ambalatharasu, Unit-II to encourage the volunteers. The service rendered by the teams got great applause from the health department officials, toll gate officials and public.

  
NSS Programme Officers  
12/03/2019

  
12/3/2019

Principal







# DEPARTMENT OF SCIENCE AND HUMANITIES

## PROGRAMMES ORGANIZED

### PHYSICAL FITNESS REPORT









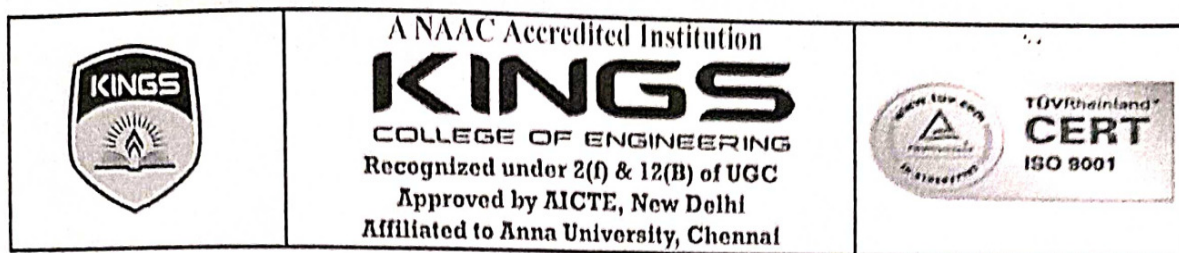
## PHYSICAL FITNESS PROGRAMMES ORGANISED

S. No.	ACADEMIC / PROGRAMME	PARTICIPANT
	<b>2020-21</b>	
1	INTERNATIONAL WEBINAR ON GASTRITIS, HEALTH AND NUTRITION	88

  
**HoD / S&H**  
 Head of the Department  
 Dept. of Science & Humanities,  
 Kings College of Engineering,  
 Punalkulam, Thanjavur - 613 303

  
**Principal**  
**PRINCIPAL**  
 Kings College of Engineering,  
 PUNALKULAM - 613 303.





## DEPARTMENT OF MATHEMATICS

### WEBINAR REPORT

Department of Mathematics organized a International webinar on "Gastritis, Health and Nutrition" on 12.11.2020 from 12.30p.m. to 1.30p.m. Welcome address was delivered by Dr. V. Sureshkumar, HoD/S&H. Resource person Dt. Uma Maheshwari P.S, Clinical Nutritionist, Happy Living Online Diet Clinic, Vietnam was introduced by Mrs. T. Gnanajeya, Coordinator/Mathematics. The resource person discussed about the gastritis and given health tips very well. In this webinar 88 participants participated from various institutions. Vote of thanks was given by Dr. G. Shankarakalidoss, AP/Mathematics. Participants gave the feedback after the session.

S. No.	Participants Details	Strength
1.	Total Number of Participants - Annexure-I	88
2.	Participants Feed Back - Annexure-II	88
3.	Total Number of Colleges Participated	14

### Webinar Highlights

S.NO	PARTICIPANTS FROM	INSTITUTION	No. of PARTICIPANTS
1	International Level	University of Hong Kong	1
2	National Level	03 Institutions	08
3	State Level	10 Institutions	79
Total			88



20<sup>th</sup> Year of Academic Excellence

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Panakkulam, Gandarvakkottai Taluk, Pudukkottai Dt. - 613 303  
Tamil Nadu, India. www.kingindia.net

**Department of Mathematics**  
Presents  
**International Webinar**  
on  
**"Gastritis, Health and Nutrition"**

**Certificates will be provided.**  
**Last date for Registration: 11.11.2020**  
**No Registration Fee.**

**Date: 12-11-2020**  
**Day: Thursday**  
**Time: 12:30 p.m-01:30 p.m (IST)**

**Resource person**  
  
**Dr. Uma Maheshwari P.S.**  
Clinical Nutritionist,  
Happy Living Online Diet Clinic,  
Vietnam.

**Organizing Committee**  
**Dr. G. Shankara Kalidoss** Coordinator  
**Mrs. T. Gnana Jaya** Convener  
**Dr. V. Suresh Kumar** HOD S&H  
**Dr. J. Arputha Vijaya Selvi** Principal

For Details, Contact:  
Call: +91 94428 90090

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### BROUCHRE

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Tamil Nadu, India. www.kingindia.net

**CERTIFICATE OF PARTICIPATION**

This is to certify that Dr. Kumar Ganesan  
Scientist University of Hong Kong

has participated in the International webinar on Gastritis, Health and Nutrition  
organized by Department of Science and Humanities, Kings College of Engineering,  
Panakkulam, Pudukkottai, Tamil Nadu, India, on 12-11-2020.

**Dr. G. Shankara Kalidoss** Coordinator  
**Mrs. T. Gnana Jaya** Convener  
**Dr. V. Suresh Kumar** HOD S&H  
**Dr. J. Arputha Vijaya Selvi** Principal

Certificate No. CDKA-020403 Made for free with Certify'um

### CERTIFICATE - SAMPLE COPY

*Shankar*  
21/12/20  
**COORDINATOR**

*P. J.*  
**CONVENER**  
21/12/2020

*J. Arputha Vijaya Selvi*  
02/12/2020  
**PRINCIPAL**



**Annexure-II**  
**PARTICIPANTS SAMPLE FEED BACK**

Name of The Participant	Designation	Name of The Institution, Place	Department	How would you rate the organization of the webinar?	Did the webinar meet your expectations?
Aravinth B	Assistant Professor	Dr.Navalur Nedunchezhiyan College of Engineering	Mechanical Engineering	Excellent	Yes
Mrs. B. Gayathri	Assistant Professor	Gobi Art's and Science college	Human Excellence	Excellent	Yes
S.Saravanan	Student	Govt.homeopathy medical college, Madurai.	Homeopathy	Excellent	Yes
Mr. K.M. Sathishkumar	Assistant Professor	KAMARAJ College of Engineering and Technology (AUTONOMOUS), Madurai	Mathematics	Excellent	Yes
Mrs.R.REVATHI	Assistant Professor	KINGS COLLEGE OF ENGINEERING, PUNALKULAM	CIVIL ENGINEERING	Excellent	Yes
Mr.R.BALAKRISHNAN	Assistant Professor	KINGS COLLEGE OF ENGINEERING, PUNALKULAM	ECE	Excellent	Yes
Ms J. Fasila Afreen	Student	KINGS COLLEGE OF ENGINEERING, PUNALKULAM	CSE	Good	Yes
MRS VISHALAKSHI RITURAJ	RESEARCH SCHOLAR	MAGADH UNIVERSITY BODHGAYA	COMPUTER SCIENCE	Excellent	Yes
Mr MD KHALID JSSAIN	Research Scholar	Magadh University, Bodh Gaya	Department of Mathematics	Excellent	Yes
Mr. PIYUSH RAJA	RESEARCH SCHOLAR	MAGADH UNIVERSITY, BODH GAYA, BIHAR	PG DEPARTMENT OF COMPUTER SCIENCE	Excellent	Yes
Ms.N.SHANMUGASRI	Student	Maxwell Matriculation Higher Secondary School, Thanjavur	VIII	Excellent	Yes
Mrs V. Jonce Anjaline	Student	Mother Theresa Post Graduate and Research Institute of Health Sciences, Karaikal	MLT	Excellent	Yes
Dr. G. SHARMILA BANU	Assistant Professor	N. K. R. Government Arts College For Women Namakkal	Zoology	Excellent	Yes
Mrs. Dhanyashree Vinay	Assistant Professor	Shri Madhwa Vadiraja Institute of Technology and Management	Mathematics	Excellent	Yes

*[Signature]*  
21/12/20  
COORDINATOR

*[Signature]*  
21/12/2020  
CONVENER

*[Signature]*  
02/12/2020  
PRINCIPAL



# Annexure-I

## PARTICIPANTS FROM VARIOUS COLLEGES

S.NO	NAME OF THE COLLEGE	NO. PARTICIPANTS
1	Dr.Navalar Nedunchezhiyan College Of Engineering	1
2	Gobi Art's And Science College	1
3	Govt.Homeopathy Medical College,Madurai.	1
4	Kamaraj College Of Engineering And Technology (Autonomous), Madurai	1
5	Kings College Of Engineering, Punalkulam	69
6	Magadh University,Bodh Gaya,Bihar	3
7	Maxwell Matriculation Higher Secondary School,Thanjavur	1
8	Mother Theresa Post Graduate And Research Institute Of Health Sciences, Karaikal	1
9	N. K. R. Government Arts College For Women Namakkal	1
10	Shri Madhwa Vadiraja Institute Of Technology And Management Bantakal	4
11	Sri Pushpam College	1
12	Sri Ramakrishna Institute Of Technology	2
13	University Of Hong Kong	1
14	Velammal Engineering College, Chennai	1

*[Signature]*  
21/12/20  
COORDINATOR

*[Signature]*  
CONVENER  
21/12/2020

*[Signature]*  
02/12/2020  
PRINCIPAL



**DEPARTMENT OF SCIENCE AND HUMANITIES**  
**PROGRAMMES ORGANIZED**  
**YOGA - REPORTS**









## YOGA TABLE OF CONTENT

S. No.	ACADEMIC YEAR / PROGRAMMES	STUDENTS PARTICIPATED
<b>ACADEMIC 2020-21</b>		
1	WEBINAR ON IMPORTANCE OF YOGA TO STUDENTS (YOUTUBE)	1000 VIEWS
<b>ACADEMIC 2019-20</b>		
2	ONE DAY PROGRAMME ON YOGA FOR STUDENTS	148

  
**HoD / S&H**  
 Head of the Department  
 Dept. of Science & Humanities,  
 Kings College of Engineering,  
 Punalkulam, Thanjavur - 613 303

  
**Principal**  
**PRINCIPAL**  
 Kings College of Engineering,  
 PUNALKULAM - 613 303.





## NATIONAL SERVICE SCHEME

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### "IMPORTANCE OF YOGA TO STUDENTS"

Date & Time: 04.12.2020, 10.30 a.m



Venue: Online Mode

As per the guidance of Ministry of Youths Affairs and Sports in the scheme of Swachh Pakhwada under Swachh Bharat Mission, a one day Programme on **Importance of Yoga to Student**, was conducted by the National Service Scheme Units of our college on 04.12.2020 at 10.30a.m. The programme officers Mr. P. Raajeshwaran, Unit I and Mr. S. Ambalatharasu, Unit II, organised this programme.

The programme was inaugurated by Dr. R. Rajendran, Secretary and Dr. J. Arputha Vijaya Selvi, Principal of Kings College of Engineering. In this programme, 148 NSS volunteers of our college eagerly participated. The Chief Guest Mr. P. Krishnan Balaji pointed out the observance of International Day of Yoga declared in June 21, 2015 to the world by our central government. He said, "Yoga is an invaluable gift of India's ancient tradition. It embodies unity of mind and body; harmony between man and nature; a holistic approach to health and well-being. It is not about exercise but to discover the sense of oneness with yourself, the world and the nature. By changing our lifestyle and creating consciousness, it has a meditative and spiritual core."

He continued saying, "studies have attempted to establish the helpfulness of yoga as a complementary involvement for cancer, schizophrenia, asthma, and heart disease, but the results of studies have been varied, as a psychological healing procedure."

At the end of the session, vote of thanks was delivered by Mr. S. Ambalatharasu, In-charge of Unit II, Assistant Professor, Physics, KCE

  
07/12/2020  
  
07/12/2020  
NSS PROGRAMME OFFICERS

  
07/12/2020

PRINCIPAL



மாணவர்களுக்கான மகத்தான யோகா



**KINGS**  
COLLEGE OF ENGINEERING

**கிங்ஸ் பொறியியல் கல்லூரி  
மற்றும்  
நாட்டு நலப்பணித் திட்டம் (அலகு I & II)**

**இணைந்து நடத்தும்**

**"மாணவர்களுக்கான மகத்தான யோகா -  
நாள்: 04.12.2020; நேரம்: காலை 10.30 மணி**



**சிறப்பு விருந்தினர்  
யோகக்கலைமணி திரு. P. கிருஷ்ணன் பாலாஜி  
நிறுவனர், மகரிஷி பதஞ்சலி யோகக் கல்லூரி-சென்னை**

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மாணவர்களுக்கான மகத்தான யோகா



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## NATIONAL SERVICE SCHEME

NOT ME  BUT YOU

**"YOGA FOR STUDENTS"**

**Date & Time: 21.06.2019, 10.30 a.m**

**Venue: Chera Hall**

As per the direction of Ministry of Youths Affairs and Sports in the scheme of Swach Pakhwada under Swachh Bharat Mission, a one day Programme on **YOGA FOR STUDENTS** was organized by the National Service Scheme Units at our college campus on 21.06.2019 at 10.30a.m. The programme officers Mr. P. Raajeshwaran, Unit I and Mr. S. Ambalatharasu, Unit II, had made arrangement for this programme.

The programme was jointly inaugurated by Dr. R. Rajendran, Secretary and the Principal Dr. J. Arputha Vijaya Selvi. It was attended by 148 NSS volunteers of our college. The Guest Mr. P.Krishnan Balaji delineated the inception of International Day of Yoga proposed by our Prime Minister. He said, "Yoga is an invaluable gift of India's ancient tradition. It embodies unity of mind and body by changing our lifestyle and creating consciousness."

Mr. S. Ambalatharasu, , In-charge of Unit II, Assistant Professor, Physics, KCE, thanked the entire gathering with an insistence on the use of valuable ideas in one's life to achieve success and set a path to youngsters.

  
25/6/19  
NSS PROGRAMME OFFICERS

J. Arputha Vijaya Selvi  
25/6/2019

**PRINCIPAL**



