



**INTERNAL QUALITY ASSURANCE CELL  
EVENTS ORGANIZED**

**ACADEMIC YEAR  
2019-20**



**INTERNAL QUALITY ASSURANCE CELL**  
**SPOKEN TUTORIAL WORKSHOP EXECUTION STATUS – STUDENTS**

**2019-20 (EVEN)**

Date	Title	Department	No. of participants
02.01.2020	GIMP	CIVIL	29
02.01.2020	GIMP	CIVIL	20
02.01.2020	GIMP	CIVIL	37
02.01.2020	LaTeX	CSE	37
02.01.2020	PHP and MySQL	CSE	41
02.01.2020	Blender	CSE	41
02.01.2020	eSim	ECE	53
02.01.2020	eSim	ECE	46
02.01.2020	Arduino	ECE	33
02.01.2020	eSim	EEE	29
02.01.2020	eSim	EEE	5
02.01.2020	Blender	MECHANICAL	87
02.01.2020	Blender	MECHANICAL	64
02.01.2020	GIMP	MECHANICAL	55
<b>TOTAL</b>			<b>577</b>

Total number of workshops :14  
 Total number of Students participated :577

**2019-20 (ODD)**

Date	Title	Department	No. of participants
01.07.2019	LaTeX	CIVIL	38
01.07.2019	Inkscape	CIVIL	33
01.07.2019	QCad	CIVIL	27
01.07.2019	Drupal	CSE	40
01.07.2019	Java	CSE	41
01.07.2019	Linux	CSE	41
01.07.2019	LaTeX	ECE	45
01.07.2019	LaTeX	ECE	42
01.07.2019	Scilab	ECE	38
01.07.2019	LaTeX	EEE	13
01.07.2019	Scilab	EEE	18
01.07.2019	LaTeX	MECHANICAL	87
01.07.2019	OpenFOAM	MECHANICAL	69
01.07.2019	Scilab	MECHANICAL	55
<b>TOTAL</b>			<b>587</b>

Total number of workshops :14  
 Total number of Students participated :587





Semester Training Planner Summary (STPS)

Dashboard

Instructions

STEP 1 : Upload students Master Batch Student List : MB Master Batch Student List

STEP 2 : Complete the STPF : STPF - Semester Training Planner Form

STEP 3 : Select Participant List : Select Participant List

Kings College Of Engineering, Pudukkottai

January - June, 2020

Total : 27

#	Semester Start Date	Software Course	Department	Participant List Status	Action
1	Jan. 2, 2020	LaTeX	Computer Science and Engineering	37	Participant List   Participation certificates available
2	Jan. 2, 2020	PHP and MySQL	Computer Science Engineering (CSE)	41	Participant List   Participation certificates available
3	Jan. 2, 2020	Blender	Computer Science and Engineering	41	Participant List   Participation certificates available
4	Jan. 2, 2020	eSim	Electronics and Communication Engineering	53	Participant List   Participation certificates available
5	Jan. 2, 2020	eSim	Electronics and Communication Engineering	46	Participant List   Certificate request awaiting at Training manager
6	Jan. 2, 2020	GIMP	Civil Engineering	29	Participant List   Participation certificates available
7	Jan. 2, 2020	GIMP	Civil Engineering	20	Participant List   Participation certificates available
8	Jan. 2, 2020	eSim	Electrical and Electronics Engineering (EEE)	29	Participant List   Participation certificates available
9	Jan. 2, 2020	eSim	Electrical and Electronics Engineering (EEE)	5	Participant List   Participation certificates available
10	Jan. 2, 2020	GIMP	Civil Engineering	37	Participant List   Participation certificates available
11	Jan. 2, 2020	Arduino	Electronics and Communication Engineering	33	Participant List   Participation certificates available
12	Jan. 2, 2020	Blender	Mechanical Engineering	87	Participant List   Participation certificates available
13	Jan. 2, 2020	Blender	Mechanical Engineering	64	Participant List   Participation certificates available
14	Jan. 2, 2020	GIMP	Mechanical Engineering	55	Participant List   Participation certificates available
15	Jan. 2, 2020	LaTeX	Faculty Development Programs (FDPs) (PMMNMTT)	12	Participant List   Participation certificates available

16	Feb. 2, 2020	R	Faculty Development Programs (FDPs) (PMMMNTT)	12	<a href="#">  Participant List</a>   Certificate request awaiting at Training manager
17	Jan. 2, 2020	LaTeX	Faculty Development Programs (FDPs) (PMMMNTT)	15	<a href="#">  Participant List</a>   Certificate request awaiting at Training manager
18	Jan. 2, 2020	OpenFOAM	Faculty Development Programs (FDPs) (PMMMNTT)	15	<a href="#">  Participant List</a>   Certificate request awaiting at Training manager
19	Jan. 2, 2020	LaTeX	Faculty Development Programs (FDPs) (PMMMNTT)	11	<a href="#">  Participant List</a>   Certificate request awaiting at Training manager
20	Jan. 2, 2020	OpenFOAM	Faculty Development Programs (FDPs) (PMMMNTT)	11	<a href="#">  Participant List</a>   Certificate request awaiting at Training manager
21	Jan. 2, 2020	LaTeX	Faculty Development Programs (FDPs) (PMMMNTT)	11	<a href="#">  Participant List</a>   Certificate request awaiting at Training manager
22	Jan. 2, 2020	LaTeX	Faculty Development Programs (FDPs) (PMMMNTT)	18	<a href="#">  Participant List</a>   Participation certificates available
23	Jan. 2, 2020	eSim	Faculty Development Programs (FDPs) (PMMMNTT)	18	<a href="#">  Participant List</a>   <a href="#">Generate Participation Certificate</a>
24	Jan. 2, 2020	eSim	Faculty Development Programs (FDPs) (PMMMNTT)	10	<a href="#">  Participant List</a>   Participation certificates available
25	Jan. 2, 2020	LaTeX	Faculty Development Programs (FDPs) (PMMMNTT)	13	<a href="#">  Participant List</a>   Participation certificates available
26	Jan. 2, 2020	GeoGebra 5.04	Faculty Development Programs (FDPs) (PMMMNTT)	7	<a href="#">  Participant List</a>   Participation certificates available
27	Jan. 2, 2020	ExpEYES	Faculty Development Programs (FDPs) (PMMMNTT)	2	<a href="#">  Participant List</a>   Participation certificates available



Semester Training Planner Summary (STPS)

Dashboard

Instructions

STEP 1: Upload students Master Batch Student List :

MB Master Batch Student List

STEP 2: Complete the STPF :

STPF - Semester Training Planner Form

STEP 3: Select Participant List :

Select Participant List

Kings College Of Engineering, Pudukkottai

July - December, 2019

Total : 14

#	Semester Start Date	Software Course	Department	Participant List Status	Action
1	July 1, 2019	LaTeX	Computer Science and Engineering	(0 / 60)	
2	July 1, 2019	Drupal	Computer Science and Engineering	40	<a href="#">Participant List</a>   Participation certificates available
3	July 1, 2019	Java	Computer Science and Engineering	41	<a href="#">Participant List</a>   Participation certificates available
4	July 1, 2019	LaTeX	Civil Engineering	38	<a href="#">Participant List</a>   Participation certificates available
5	July 1, 2019	LaTeX	Electronics and Communication Engineering	45	<a href="#">Participant List</a>   Participation certificates available
6	July 1, 2019	LaTeX	Electronics and Communication Engineering	42	<a href="#">Participant List</a>   Participation certificates available
7	July 1, 2019	Scilab	Electronics and Communication Engineering	38	<a href="#">Participant List</a>   Participation certificates available
8	July 1, 2019	Inkscape	Civil Engineering	33	<a href="#">Participant List</a>   Participation certificates available
9	July 1, 2019	Linux	Computer Science Engineering (CSE)	41	<a href="#">Participant List</a>   Participation certificates available
10	July 1, 2019	QCAD	Civil Engineering	27	<a href="#">Participant List</a>   Participation certificates available
11	July 1, 2019	LaTeX	Mechanical Engineering	87	<a href="#">Participant List</a>   Participation certificates available
12	July 1, 2019	OpenFOAM	Mechanical Engineering	69	<a href="#">Participant List</a>   Participation certificates available
13	July 1, 2019	LaTeX	Electrical and Electronics Engineering (EEE)	13	<a href="#">Participant List</a>   Participation certificates available
14	July 1, 2019	Scilab	Electrical and Electronics Engineering (EEE)	18	<a href="#">Participant List</a>   Participation certificates available
15	July 1, 2019	Scilab	Mechanical Engineering	55	<a href="#">Participant List</a>   Participation certificates available

# **FACULTY ENRICHMENT PROGRAMMES**

**2019-20**



A 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



## Report on NAAC sponsored one-day workshop on “Innovative Pedagogy & ICT Enabled Teaching and Learning Practices”

**A one-day workshop on “Innovative Pedagogy & ICT Enabled Teaching and Learning Practices” was organized by IQAC, Kings College of Engineering, Punalkulam, Pudukottai on 10.01.2020.** Knowledge, Skill and Attitude inculcation of student community is in the hands of faculty members. Holistic development of students is in the hands of the teachers. With the objective of “**Train the Trainer**” and incorporating ICT enabled teaching-learning practices, this workshop was organized. Around 60 participants from various Engineering College, Polytechnic and Arts & Science Institutions participated in this workshop.

Workshop was presided over by **Dr.R.Rajendran, Secretary, RET**, workshop **highlights presented by Dr.J.Arputha Vijaya Selvi, Principal** and **felicitated by Dr.S.Sivakumar, Vice-Principal**. **Dr.K.Lakshmi inaugurated** the workshop and delivered inaugural address. **Ms.K.Abhirami, AP/CSE & IQAC Coordinator welcomed** the gathering.

Creating a learning environment with best pedagogical practices and the opportunity to collaborate and learn from experience was covered by Dr.K.Lakshmi, Director- Periyar Maniammai University, Vallam during Session-I. Faculty participants were invited to participate in the activities during session-I.

The role of faculty, commitment levels, impact of innovative teaching practices inculcating attributes required for employability was handled by Dr.S.Baskaran, Vice-Principal, Kuppam College of Engineering, Andhra Pradesh during Session-II. Creating an internal Content Management System was also covered by the resource person during session-II. Faculty participants performed tool based activity during this session.

Usage of ICT covering flexible and effective means of Teaching-Learning is a vital need of the educational system. Ms.S.Manikandan, Gnanam School of Business, Sengipatti handled session-III with live demo on various teaching tools, CMS tools. Effective tools for resource sharing & communication, academic management solutions using freeware tools was highlighted during session -III by the speaker.



Session-I snapshot



Session-II snapshot



Session-III snapshot



KCE participants



IQAC Team



Certification snapshot

IQAC Team Mr.K.Arun/Civil, Mr.R.Sriram Kumar/ECE, Ms.D.Vennila/ECE, Mr.S.R.Karthikeyan/EEE, Mr.M.Aswin/Mech and Mr.G.Jeyakrishnan/Maths coordinated the event.

## ACADEMIC YEAR 2019-20 (ODD SEMESTER) SHORT TERM TRAINING PROGRAMME REPORT

ICT mode **Short Term Training Programme** on “**Measurement Issues of Laboratory and Workshop class- ICT13**” was organized between **04.11.19** and **08.11.19** for all faculty members including Technical staff members. STTP was offered by **National Institute of Technical Teacher’s Training and Research, Kolkata**. **Dr. Dipankar Bose, NITTR Kolkata** was the **resource person** of the **5 day STTP**. STTP was offered through ICT mode with interactive sessions. Programme was coordinated by Ms.K.Abhirami AP/CSE.

5 day STTPs covered about Learning process in laboratory and workshop, guidelines for laboratory log book preparation, insight into role of instructor for lab / workshop and issues. STTP highlighted about lab assessment procedure, steps to follow in procurement of lab items etc.

### STTP session snapshots





7.05.2020

**REPORT ON FACULTY DEVELOPMENT PROGRAMME  
ORGANIZED IN ASSOCIATION WITH IITB**

**IQAC in association with IIT, Bombay is organized Faculty Development Programme for our faculty members.** All faculty members attended the course on the scheduled days. **1 common course and 1 department specific course was chosen for this Summer FDP.**

**FDP titles & Objective**

<b>Date</b>	<b>Course</b>	<b>Course Objective</b>	<b>Branch(es) &amp; number of participants</b>
29.04.20	Latex- Workshop	Open source software that help in preparing paper for publications	All branch faculties (78)
04.05.20	e-Sim	Open source EDA tool for circuit design,simulation, analysis and PCB design	ECE,EEE Faculties (18+9)
	R	Open-source language for analytics and data science	CSE faculties(12)
	OpenFoam	Open source/ free CFD(Computational Fluid Dynamics) software available for solving and analyzing problems and to create a real world fluid flow movie. Open source equivalent to FLUENT. Widely used in Academics and is gaining popularity in Industry aswell-Companies including AUDI, Tata Steel, Volkswagen, and Govt. agencies like BARC	CIVIL & MECH faculties (11+15)
	Applications of GeoGebra	Interactive Geometry, Algebra and Calculus application for Research Scholars.	Maths faculties (9)
	ExpEYES	Experiments for Young Engineers Scientists. It is used to perform basic Physics and Electronics experiments.	Physics faculties (2)
	Jmol Application	To create 3D chemical, crystal and biomolecules structures. Very useful toteach and learn abstract chemistry concepts.	Chemistry Faculties(2)

## DEPARTMENT OF CIVIL ENGINEERING



## DEPARTMENT OF CIVIL ENGINEERING - "OPEN FOAM" ONLINE WORKSHOP SESSION 04.05.2020





**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**FDP ON "LATEX" IN ASSOCIATION WITH SPOKEN TUTORIAL,**  
**IITB(29.04.20)**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**FDP ON "R" IN ASSOCIATION WITH SPOKEN TUTORIAL, IITB(04.05.20)**



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**LATEX spoken tutorial workshop on 29-04-2020**



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**eSim online spoken tutorial workshop on 04-05-2020**





ANAAC Accredited Institution  
**KINGS**  
 COLLEGE OF ENGINEERING  
 Recognized under 2(f) & 12(B) of UGC  
 Approved by AICTE, New Delhi  
 Affiliated to Anna University, Chennai



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
 FDP ON "LATEX" IN ASSOCIATION WITH SPOKEN TUTORIAL,  
 IITB(29.04.20)**



ANAAC Accredited Institution  
**KINGS**  
 COLLEGE OF ENGINEERING  
 Recognized under 2(f) & 12(B) of UGC  
 Approved by AICTE, New Delhi  
 Affiliated to Anna University, Chennai



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
 FDP ON "e-SIM" IN ASSOCIATION WITH SPOKEN TUTORIAL,  
 IITB(04.05.20)**

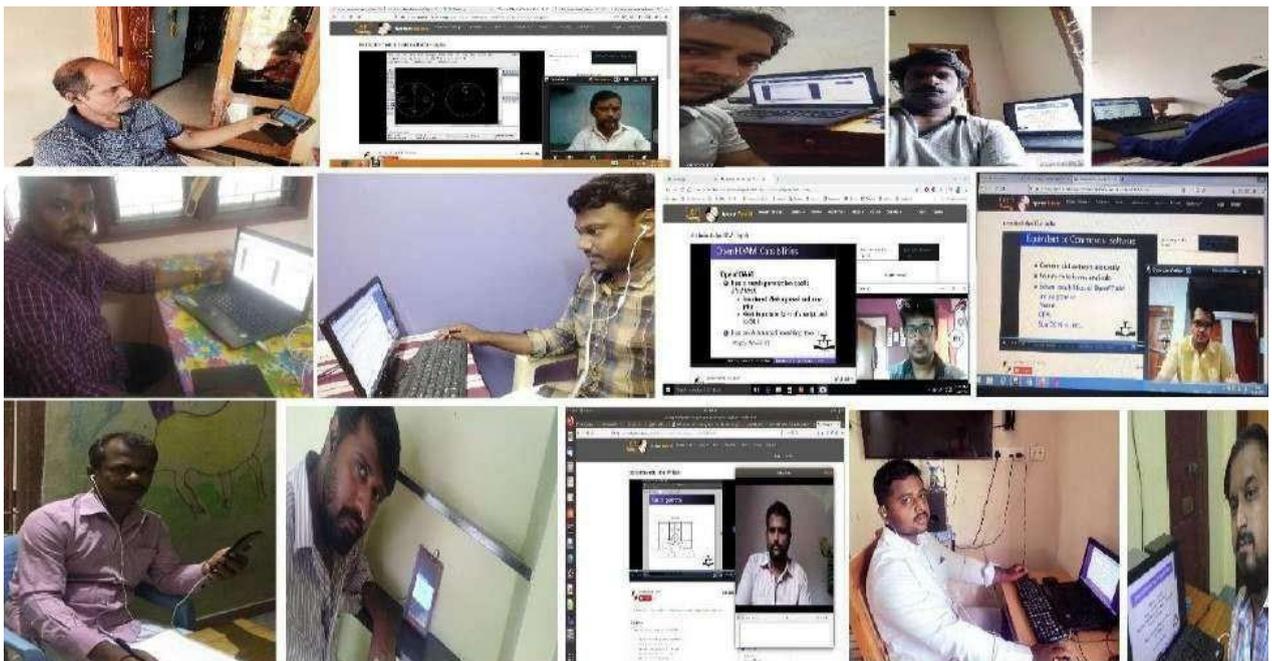




**DEPARTMENT OF MECHANICAL ENGINEERING  
FDP ON “LATEX” IN ASSOCIATION WITH SPOKEN TUTORIAL,  
IITB(29.04.20)**



**DEPARTMENT OF MECHANICAL ENGINEERING  
FDP ON “OPENFOAM” IN ASSOCIATION WITH SPOKEN TUTORIAL,  
IITB(4.05.20)**



**KINGS ONLINE SKILL COURSES  
FOR  
COLLEGE ASPIRANTS  
2019-20**



20.07.20

**KINGS ONLINE SKILL COURSES**  
**Preparatory Online courses for College aspirants**  
**Programme Report**

As a part of KCE initiatives exhibiting societal responsibilities, Online courses for College aspirants was organized during 12.07.20 to 19.07.20 between 11.00am to 12.00 noon. In addition to regular outreach programmes, motivational sessions, career guidance programmes to school students, we ventured into Online mode during the pandemic season.

Online skill course covered English communication skills, Interactive Powerpoint presentation skills, Internet basics and Goal setting & Career opportunities. 2 days per title, sessions were live streamed at college youtube channel. +2 completed students from various schools attended the session. Dr.J.Arputha Vijaya Selvi Principal highlighted on skill course programme and Dr.R.Rajendran, Secretary offered facilitations during the day 1 of the series. Ms.K.Abhirami/CSE & Ms.R.Sugantha Lakshmi/CSE handled the session.

**Daywise Title & Participants**

<b>Date</b>	<b>Title</b>	<b>No of participants</b>
<b>12.07.20 &amp; 13.07.20</b>	<b>English Communication Skills</b>	<b>102  78</b>
<b>14.07.20 &amp; 15.07.20</b>	<b>Interactive Powerpoint Presentation skills</b>	<b>63  63</b>
<b>16.07.20 &amp; 17.07.20</b>	<b>Internet Basics</b>	<b>69  62</b>
<b>18.07.20 &amp; 19.07.20</b>	<b>Goal Setting &amp; Career Opportunities</b>	<b>54  30</b>

## Programme Flyer

Accredited  
by  
NAAC



Recognized under 2(f) & 12(B) of UGC & An ISO 9001 Certified Institution  
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
Punalkulam, Gandarvakottai Taluk, Pudukkottai Dist. - 613 303.

TNEA  
Counselling  
Code  
**3905**

"Success is where preparation and Opportunity Meets"

# KINGS

reveals Preparatory Online classes for College aspirants

## "Online Skill Courses"

12.07.2020 - 19.07.2020 | 11.00 a.m. to 12:00 noon

Date	Modules
12 <sup>th</sup> & 13 <sup>th</sup> July, 2020	English Communication Skills
14 <sup>th</sup> & 15 <sup>th</sup> July, 2020	Interactive Powerpoint Presentation skills
16 <sup>th</sup> & 17 <sup>th</sup> July, 2020	Internet Basics
18 <sup>th</sup> & 19 <sup>th</sup> July, 2020	Goal Setting & Career Opportunities

**COURSE HIGHLIGHTS**

- Free Registration
- Online Interactive sessions
- e-Certificate for all modules separately for participants
- Appreciation certificate for Active participants
- No restriction for number of entries.
- Students can also participate in all courses.

Exclusively for  
+2 Completed  
Students

Procedure to attend:  
Register @  
<https://bit.ly/3eHMSL8>

Requirement:  
Smartphone/ laptop with internet  
connectivity

**For enquiries:**  
Dr. A. Albert Martin Ruban - 98946 43314 | Dr. V. Sureshkumar 94439 00509

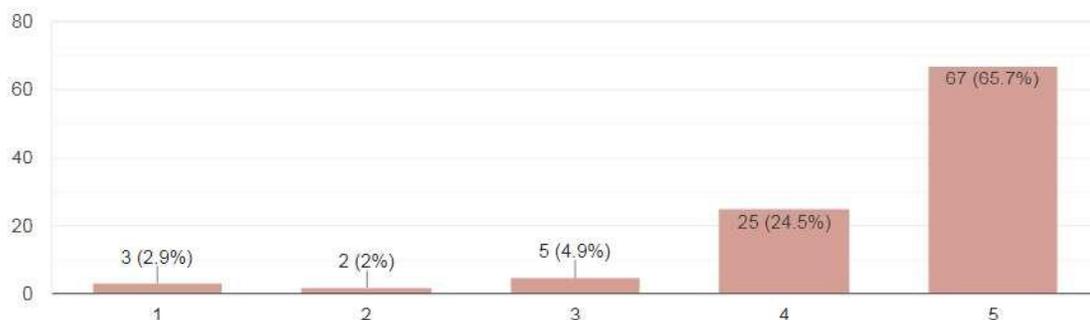
20<sup>th</sup> Year of  
Academic Excellence  
SEEK STRIVE SUCCEED

### Daywise Feedback – Summary

Day-1

Overall rating about the Online SKill course (1-lowest, 5-highest)

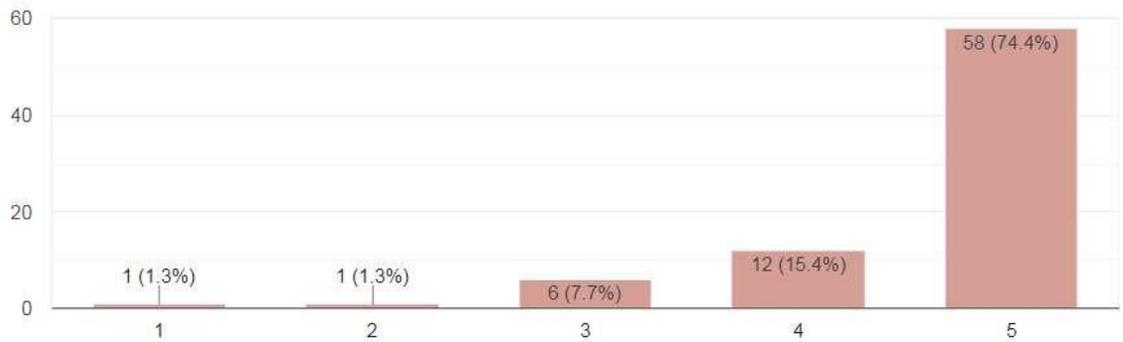
102 responses



## Day-2

Overall rating about the Online SKill course (1-lowest, 5-highest)

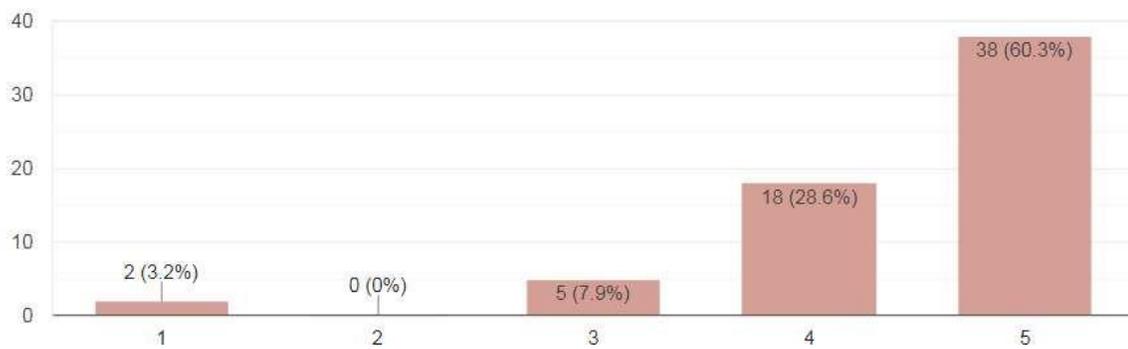
78 responses



## Day-3

Overall rating about the Online SKill course (1-lowest, 5-highest)

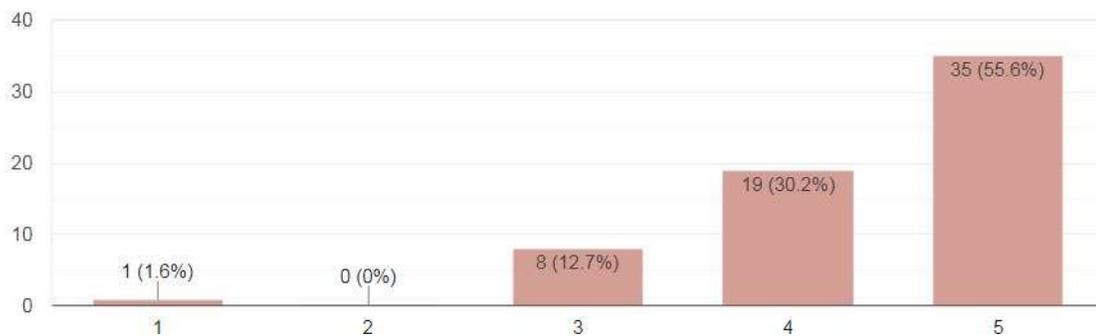
63 responses



## Day-4

Content & Devliery met your expectations (1-Strongly disagree, 2-Disagree, 3-Neutral, 4-Agree, 5-Strongly agree)

63 responses

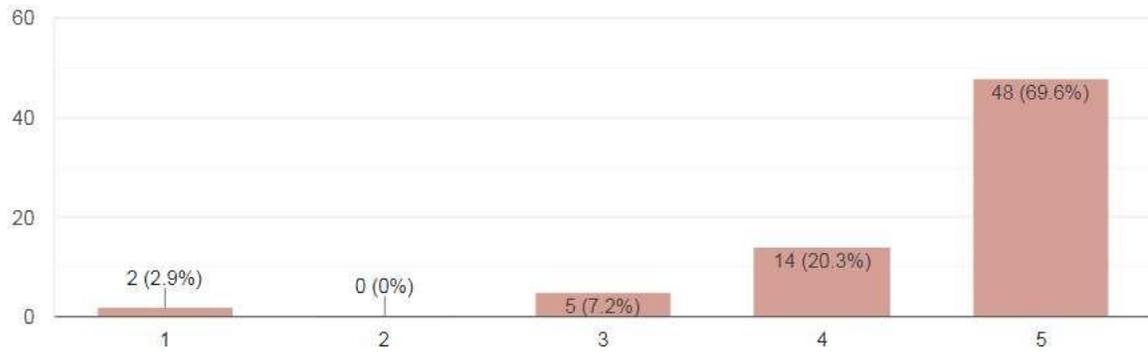


## Day-5

Overall rating about the Online SKill course (1-lowest, 5-highest)



69 responses

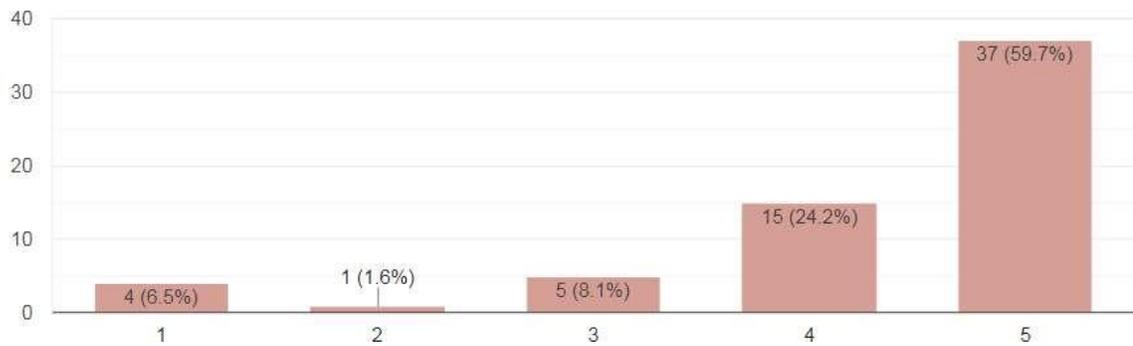


## Day-6

Overall rating about the Online SKill course (1-lowest, 5-highest)



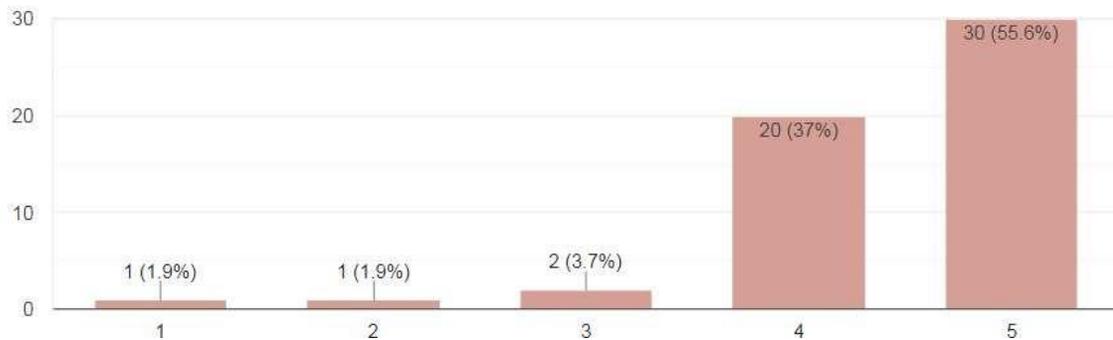
62 responses



## Day-7

Overall rating about the Online SKill course (1-lowest, 5-highest)

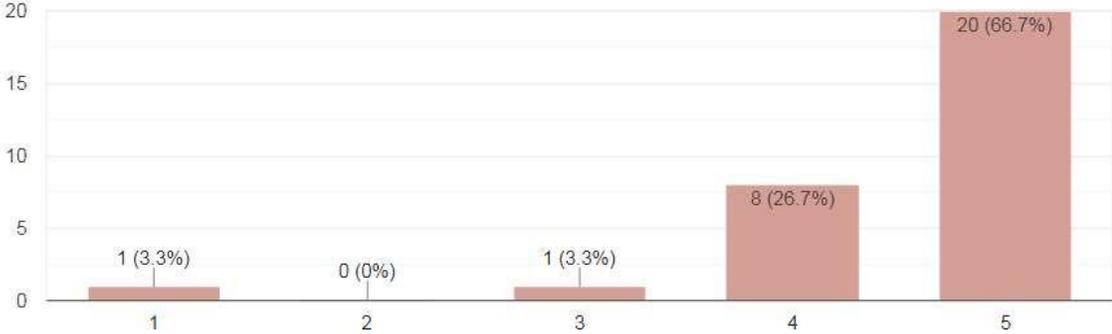
54 responses



Overall rating about the Online SKill course (1-lowest, 5-highest)



30 responses



**VIRTUAL LAB SESSIONS**  
**2019-2020**



**DEPARTMENT OF CIVIL ENGINEERING  
ACADEMIC YEAR 2019-2020 (ODD SEMESTER)  
VIRTUAL LAB SESSIONS**

**22.08.2019**

**Background & Objective:**

Department of Civil Engineering has conducted Virtual lab sessions for II year, III year & IV Year civil students during the academic year 2019-20 (Odd Semester). Laboratories are the important environment for students learning where students get hands on training. The main objective of the Virtual laboratory is to provide remote-access to Labs in various disciplines of Engineering. These Virtual Labs would cater to students at the undergraduate level, as well as to research scholars. In the Thematic Session, Mr.K.Arun, AP/Civil, explained the theme of the virtual lab sessions. This would help in learning basic and advanced concepts through remote experimentation.

**Virtual Lab Sessions:**

For IV Year civil students virtual lab sessions were conducted on Computer Aided design and Drafting laboratory. AUTOCAD is the important Civil Engineering software where you can give shape to your dream buildings. It is necessary for each and every Civil Engineer to draft their ideas and AUTOCAD plays a major role in drafting.

For III Year civil students virtual lab sessions were conducted on Soil Mechanics Laboratory and Water & Waste Water Analysis Laboratory. Soil properties are required to decide the building foundation. It is critical to quantify the various properties of water in order to predict its behaviour under different conditions for the safe design of treatment plants.

For II Year civil students virtual lab sessions were conducted on Construction Materials laboratory and Surveying Laboratory. It presents the laboratory aspects of this subject, in an imaginary way. Students have an opportunity to view before and after doing the experiment to gauge whether his or her understanding has increased, and to make the student more comfortable while doing experiments.

S No	YEAR / SEM	LAB NAME	STAFF INCHARGE
1	IV/VII	CE6711 – COMPUTER AIDED DESIGN AND DRAFTING LABORATORY	Mrs.T.Bhuvaneshwari Mrs.M.Priya
2	III/V	CE8511 – SOIL MECHANICS LABORATORY	Mr.K.Ranjith
3	III/V	CE8512 – WATER & WASTE WATER ANALYSIS LABORATORY	Mrs.V.Ishwarya
4	II/III	CE8311 – CONSTRUCTION MATERIALS LABORATORY	Mr.R.Sundharam
5	II/III	CE8361 – SURVEYING LABORATORY	Mr.M.Mohamed Ilyas



**Virtual lab sessions - Computer Aided Design and Drafting Laboratory**



**Virtual lab sessions – Soil Mechanics Laboratory**



**Virtual lab sessions - Water & Waste Water Analysis Laboratory**



**Virtual lab sessions - Construction Materials Laboratory**



### **Virtual lab sessions - Surveying Laboratory**

#### **Outcome**

- ❖ Virtual lab showcase the content being taught, which will keep students interested, and provides a form of interaction that could not normally be easily conducted in the classroom.
- ❖ Virtual lab allows flexibility for the teacher who is not limited by using resources within a strict timeframe. Virtual Labs will be more effective and realistic because of providing additional inputs to the students like accompanying audio and video streaming of an actual lab experiment and equipment.
- ❖ The students can explore the experimental procedures prior to actually performing it in the laboratory, and are therefore being much more informed on what is to be done in the laboratory and what results to expect.
- ❖ The use of the virtual laboratory allows the students to exercise the same in numerous ways in the web which is not easily experimented in the traditional laboratory.
- ❖ Students will easily understand the concepts and methods by virtually seeing the experiments instead of listening to lectures. For the 'touch and feel' part, the students can possibly visit an actual laboratory for a short duration.
- ❖ Around 25 - II year, 35-III year & 50-IV Year civil students were benefited using virtual lab sessions.

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**ACADEMIC YEAR 2019-20 (EVEN SEM)**  
**VIRTUAL LAB REPORT**  
**COSMIC Full function points**

**Objective**

- To enthuse students to conduct experiments by arousing their curiosity.
- To help them in learning basic and advanced concepts through remote experimentation
- To provide a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self evaluation.

**Virtual Lab Sessions:**

For IV Year CSE students virtual lab sessions were conducted on COSMIC Full Function Points.

It presents the laboratory aspects of this subject, in an imaginary way. Students have an opportunity to view before and after doing the Cocomo model whether his or her understanding has increased, and to make the student more comfortable while doing experiments.

**Photos**

**Virtual Lab Session on Image Processing Lab for IV Year – 36 students were attended**



11.03.2020

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
ACADEMIC YEAR 2019-20 (EVEN SEM)  
VIRTUAL LAB REPORT  
Image Processing Lab**

**Objective**

- To provide remote- access to labs in various disciplines of Science and Engineering
- To cater the students at UG level, PG level as well as to research scholars
- To enable the students to learn at their own place and to arouse their curiosity
- To provide a complete learning management system that includes web resources, video lectures, animated demonstrations and self evaluation

**Date : 11.03.2020 for II Year CSE (No. of participants: 45)**

**Session coverage:**

**Image Processing Lab**

- Distance and Connectivity
- Image Arithmetic
- Affine Transformation
- Point Operations
- Image Histogram
- Fourier Transform
- Color Image Processing
- Morphological Operations
- Image Segmentation

**Photos**



**Virtual Lab Session on Image Processing Lab for II Year – 45 students were attended**



22.08.2019

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
ACADEMIC YEAR 2019-20 (ODD SEM)**

**VIRTUAL LAB REPORT  
Soft Computing Tools in Engineering Lab**

**Objective**

- To provide remote- access to labs in various disciplines of Science and Engineering
- To cater the students at UG level, PG level as well as to research scholars
- To enable the students to learn at their own place and to arouse their curiosity
- To provide a complete learning management system that includes web resources, video lectures, animated demonstrations and self evaluation

**Date: 22.08.19 for II Year CSE (No. of participants: 45)**

**Session coverage:**

**Artificial Neural Networks**

- Neural Networks and Perceptron
- Multilayer Perceptron
- Radial Basis Function
- Probabilistic Neural Networks

**Evolutionary Algorithms (EA)**

- Introduction to EA
- Binary and Real Coded genetic Algorithms
- Genetic Expression Programming

**Photos**



**Virtual Lab Session on Soft Computing Tools in Engineering Lab for II Year – 45 students were attended**



28.08.2019

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
ACADEMIC YEAR 2019-20 (ODD SEM)**

**VIRTUAL LAB REPORT  
Internet Firewalls for Trusted System, Roles of Firewalls**

**About Program**

In KCE, department of CSE has organized a Virtual lab session for third year B.E-CSE students on 28.08.2019 at CSE lab. The main objective of this lab session is to enrich our student learning by teaching them courses by implementation and performance features of a virtual lab environment for the Internet firewalls for trusted system and role of firewalls. The Internet programming course involves a firewall is a device or group of devices that controls access between networks. It is a security gateway that controls access between the public Internet and an intranet and is a secure computer system placed between a trusted network and an un trusted Internet. Firewalls can be classified into packet filters, circuit-level gateways, and application-level gateways. The primary step in designing a secure firewall is obviously to prevent the firewall devices from being compromised by threats.

**Photos**



**Virtual Lab Session on Internet Firewalls for Trusted System, Roles of Firewalls for IV Year - 35 students were attended**



A 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



TÜVRheinland®  
**CERT**  
ISO 9001

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**ACADEMIC YEAR (2019-2020) EVEN SEM**

# **REPORT ON VIRTUAL LAB SESSIONS**





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

**REPORT ON VIRTUAL LAB SESSION**

In KCE, department of Electronics and Communication Engineering, has organized a Virtual lab session for second and third year B.E-ECE students in the month of February, at Digital lab & Microwave lab.

The main objective of this lab session is to enrich our student learning by teaching them courses by implementation and performance features of a virtual lab environment for an electronic circuit's course and Microwave course. The primary purpose of the tool is to provide an environment that mimics some of the failure modes of a real lab, which aids the student in learning debugging techniques and to get familiarized with the usage of the tool for Electronic circuit applications.

For second year students, the virtual lab session was conducted in the title of "Hybrid electronics". The topics covered under this title are Code converters, Registers, Arithmetic logic unit, Multiplexer & demultiplexer, Monostable and Astable Oscillators.

Totally 36 students from II ECE have attended this lab session.



**Mr. P.Rajapirian, AP/ECE handling the virtual lab session for II ECE students**

For third year students, the virtual lab session was conducted in the title of “RF and microwave characterization lab”. The topics covered under this title are

- Study of field pattern of various modes inside a rectangular waveguide & waveguide cavity.
- Measurement of the dielectric constant and loss tangent of materials in microwave frequency band using a rectangular waveguide cavity.
- Introduction to Smith chart and its application for the unknown impedance measurement.
- Study the behavior of impedance matching for passive networks using Smith chart.
- Concept of generalized n-port scattering parameters, and formulation of these parameters into 2-port reflection and transmission coefficients.
- Introduce the concept of ratio meter, and its significance for the scalar network analyzer.



**Mr. T.Jeyaseelan, AP/ECE handling the virtual lab session for III ECE students.**



**The students eagerly listening the session.**

Totally 44 students from III ECE have attended this lab session and gained knowledge.

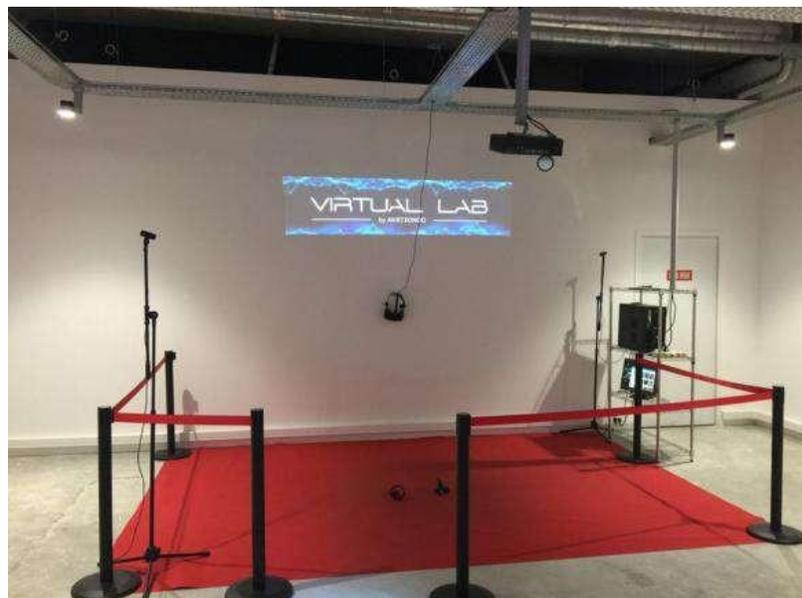


**KINGS**  
COLLEGE OF ENGINEERING  
(NAAC Accredited Institution)  
(Approved by AICTE, New Delhi, Affiliated to  
Anna University, Chennai)



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

# **REPORT ON VIRTUAL LAB SESSIONS**





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

**REPORT ON VIRTUAL LAB SESSION**

In KCE, department of Electronics and Communication Engineering, has organized a Virtual lab session for second and third year B.E-ECE students in the month of August, at Electronic Circuits lab & VLSI lab.

The main objective of this lab session is to enrich our student learning by teaching them courses by implementation and performance features of a virtual lab environment for an electronic circuit's course. The primary purpose of the tool is to provide an environment that mimics some of the failure modes of a real lab, which aids the student in learning debugging techniques and to get familiarized with the usage of the tool for Electronic circuits applications.

For second year students, the virtual lab session was conducted in the title of "Virtual electric circuits lab". The topics covered under this title are Parallel RC & LC circuits, Thevenin's theorem, Series RL circuits, Norton's Theorem, Series LCR circuits and Kirchoff's law.

Totally 35 students from II ECE have attended this lab session.



***Mrs. D.Vennila, AP/ECE handling the virtual lab session for II ECE students***

For third year students, the virtual lab session was conducted in the title of “Hybrid electronics lab”. The topics covered under this title are Code converters, Registers, ADC and DAC, Arithmetic logic unit, Multiplexer & Demultiplexer, Monostable and Astable Oscillators.



***Mr. T.Jeyaseelan, AP/ECE handling the virtual lab session for III ECE students.***



***The students eagerly listening the session.***

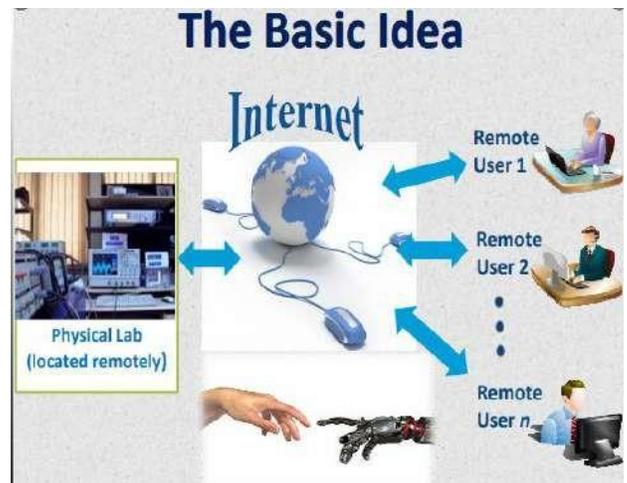
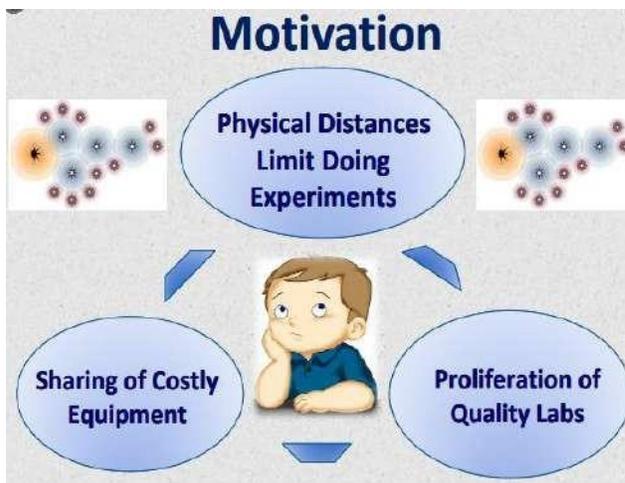
Totally 44 students from III ECE have attended this lab session and gained knowledge.



**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**ACADEMIC YEAR 2019-20 (ODD SEM)**  
**VIRTUAL LAB REPORT**

**Objective**

- To provide remote- access to labs in various disciplines of Science and Engineering
- To cater the students at UG level, PG level as well as to research scholars
- To enable the students to learn at their own place and to arouse their curiosity
- To provide a complete learning management system that includes web resources, video lectures, animated demonstrations and self evaluation

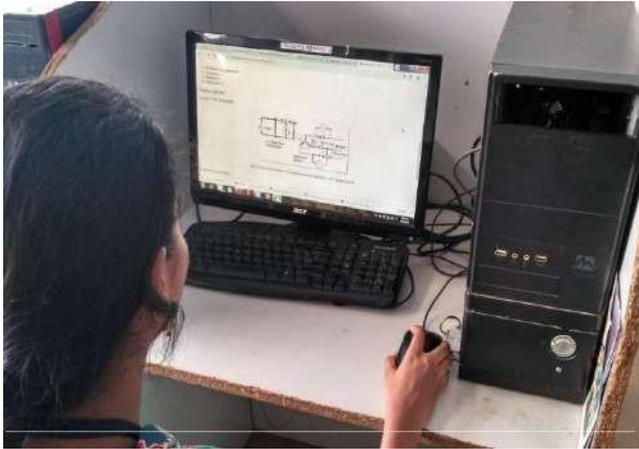


**Virtual Power Laboratory, Prof D.K.Chaturvedi by IIT, Kharagpur**

**Date: 27.08.19 for IV Year EEE (No. of participants: 12)**

**Session coverage:**

- Synchronization of alternator with infinite bus bar.
- Positive sequence, negative sequence and zero sequence reactance of an alternator.
- The dielectric Strength of transformer oil.
- The effect of different shape of electrodes on dielectric (air) breakdown.
- The sub-transient ( $x_d''$ ), transient ( $x_d'$ ) and steady state reactance ( $x_d$ ) of a synchronous machine.



## **Electrical Machines Laboratory offered by IIT ROORKEE**

**Date : 14.08.19 for II Year EEE (No. of participants: 15)**

**Session coverage:**

- Speed Control of DC motor by varying armature and field resistance
- Load Characteristics of DC shunt generator
- Speed control of DC motor by using Ward- Leonard Method of speed control
- Speed control of slipping Induction Motor
- Transformer equivalent circuit from Open Circuit and Short Circuit Test





**DEPARTMENT OF MECHANICAL ENGINEERING  
ACADEMIC YEAR 2019-20 (ODD SEM)  
VIRTUAL LAB REPORT**

**Objective**

- To enthuse students to conduct experiments by arousing their curiosity.
- To help them in learning basic and advanced concepts through remote experimentation
- To provide a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self evaluation.

**Background & Objective:**

Department of Mechanical Engineering has conducted Virtual lab sessions for II year & IV Year students during the academic year 2019-20 (Odd Semester).. The main objective of the Virtual laboratory is to provide remote-access to Labs in various disciplines of Engineering. In the Thematic Session, Mr.M.ASWIN, AP/MECH, explained the theme of the virtual lab sessions. This would help in learning basic and advanced concepts through remote experimentation.

**Virtual Lab Sessions:**

For IV Year civil students virtual lab sessions were conducted on FABRICATION LABORATORY.

For II Year civil students virtual lab sessions were conducted on Metal forming Simulation Laboratory. It presents the laboratory aspects of this subject, in an imaginary way. Students have an opportunity to view before and after doing the experiment to gauge whether his or her understanding has increased, and to make the student more comfortable while doing experiments.

**Metal Forming Virtual Simulation lab, offered by IIT, Kharagpur**

**Date : 10.09.19 for II Year MECH (No. of participants: 64 )**

**Session coverage:**

- UPSETTING PROCESS
- EXTRUSION PROCESS



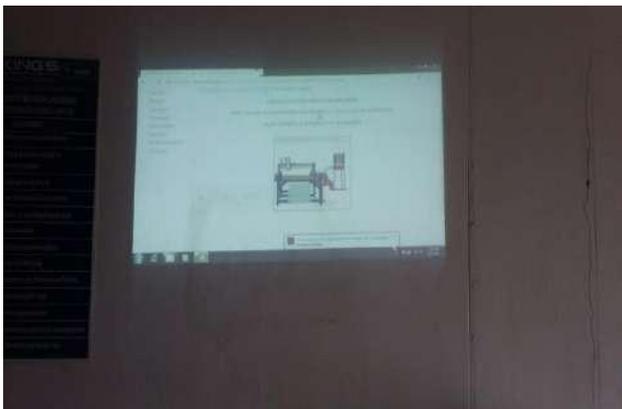
**Virtual lab session on Metal forming by Mr.M.Aswin, AP/MECH**

**FAB Laboratory (Simulator based) offered by IIT, Kharagpur**

**Date : 31.08.19 for IV Year MECH (No. of participants: 88)**

**Session coverage:**

- 3D Scanning
- Computer Controlled Cutting of wooden object
- 3D Machining
- PCB design & fabrication
- Interface & Application Programming
- Digital Fabrication of Flexible Circuit board



**Virtual lab session on FAB laboratory by Mr.J.Rajaparthiban, AP/MECH**

## Outcome

- ❖ Virtual lab showcase the content being taught, which will keep students interested, and provides a form of interaction that could not normally be easily conducted in the classroom.
- ❖ Virtual lab allows flexibility for the teacher who is not limited by using resources within a strict timeframe. Virtual Labs will be more effective and realistic because of providing additional inputs to the students like accompanying audio and video streaming of an actual lab experiment and equipment.
- ❖ The students can explore the experimental procedures prior to actually performing it in the laboratory, and are therefore being much more informed on what is to be done in the laboratory and what results to expect.
- ❖ The use of the virtual laboratory allows the students to exercise the same in numerous ways in the web which is not easily experimented in the traditional laboratory.
- ❖ Students will easily understand the concepts and methods by virtually seeing the experiments instead of listening to lectures. For the 'touch and feel' part, the students can possibly visit an actual laboratory for a short duration.

**ALUMNI PROGRAM  
2019-2020**



DEPARTMENT OF CIVIL ENGINEERING

21/07/2020

ACADEMIC YEAR 2020-2021/ODD

**ALUMNI TALK – WEBINAR REPORT**

**You Tube Live Stream:** <https://youtu.be/ixMXeUHD8vI>

**Background & Objective**

Department of Civil Engineering had organized an Alumni Talk for our Students. The purpose of this Webinar is to equip the students in Transportation Engineering.

**Webinar Session**

A Webinar was organized by Department of Civil Engineering on 20<sup>th</sup> July, 2020 at 10:30PM. The webinar was presided over by **Ms.R.Revathi, HoD.**, Department of Civil Engineering. Mr.R.Sundharam, Coordinator of this Webinar delivered the welcome address and Ms.M.Priya, Coordinator of this Webinar introduced our Beloved Alumni.

**Er.M.John Finney, Asst. Traffic Engineer** delivered his Alumni talk on “**Introduction to transportation engineering with case study**”. **111** participants were eagerly participated in the live webinar.

**Outcome**

The Seminar clearly highlighted the Branches in Transportation Engineering, Signal Coordination, Optimistic traffic signals, TRANSYT software and so on. Students got an idea in various methods which can be implemented. Finally, students raised their questions and discussions were made. Students shared their views regarding seminar and gave their feedback.



## Alumni talk by Er.M.John Finney

**KINGS COLLEGE OF ENGINEERING**  
 NAAC Accredited & ISO Certified Institution  
 Recognized by GOI, UO & AICTE  
 Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai  
 Punaikulam, Near Thangjavur, Pudukkottai Dt - 623203

**DEPARTMENT OF CIVIL ENGINEERING ORGANIZES**  
**ALUMNI TALK ON**  
**"INTRODUCTION TO TRANSPORTATION ENGINEERING WITH A CASE STUDY"**

**Er. M. John Finney, M.E.,**  
 ASST. TRAFFIC ENGINEER,  
 DATACORD TRAFFIC PRIVATE LTD.,  
 BANGLORE

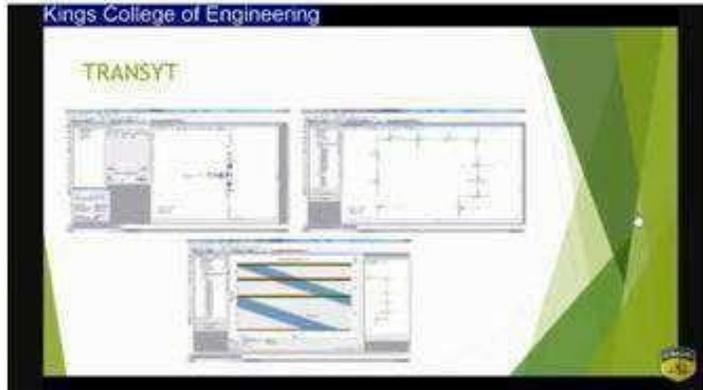
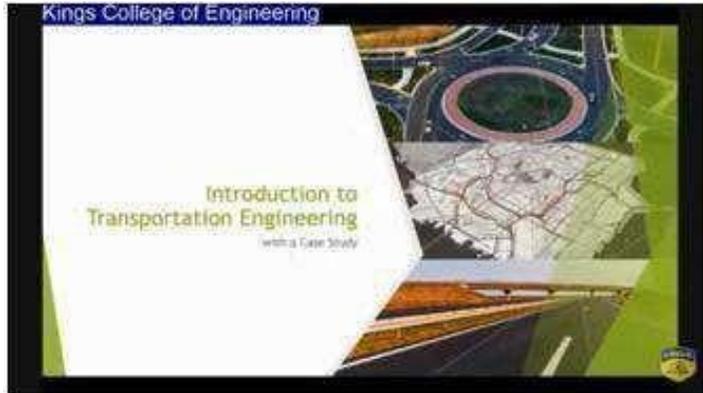
**20.07.2020**  
**10:30 AM - 11:30 AM**

Registration link:  
<https://forms.gle/RYRom13795XFC2EA7>  
 Google Meet link:  
<https://meet.google.com/uvj-puip-akr>

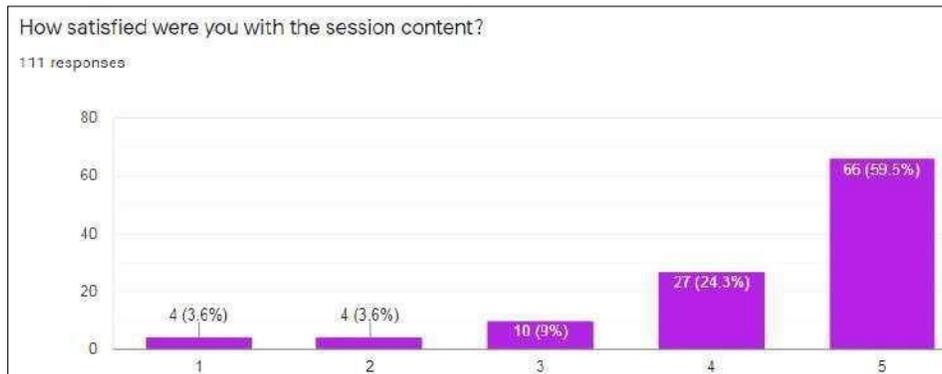
**Mr. R. SUNDHARAM**    **Ms. R. REVATHI**    **Dr. J. ARPITHA VIJAYA SELVI**  
 COORDINATORS                      HOD/CIVIL                      PRINCIPAL

No Registration Fee

E-certificate will be provided  
 For Queries: hodcivil@kingsindia.net



### FEEDBACK



	J	K	L	M	N	O
1	How satisfied were you v	How satisfied were you v	What were your key take aways from this event?	Any additional comments	Would you like to participate in our future webinars	
9	5	5	Gained some knowledge about transportation.	Precise content delivery	Yes	
10	5	5	Traffic design software	Overall session is good	Yes	
11	5	5	Lot of things	Wonderful presentation	Yes	
12	4	4	Planning, Management of facilities for transportati	No	Yes	
13	4	4	Yes	No	Yes	
14	5	4	Case study was good to understand.	Good effort	No	
15	1	1	Pavement, traffic engineering	Presentation is good	Yes	
16	5	5	Alumni talk	Informative presentation	Yes	
17	5	5	Nil	Very Useful in this webinar	Yes	
18	4	4	Idea About Planning Road construction	Such a great pleasure in	Yes	
19	1	5	Important of alumni	Very nice	Yes	
20	5	5	Good	Excellent session	Yes	
21	5	5	Transport	Traffic	Yes	
22	4	4	Traffic systems	Give some more minute	Yes	
23	4	5	Nothing	It's really good	Yes	
24	5	5	Case study was useful	Nice presentation and ca	Yes	



**DEPARTMENT OF CIVIL ENGINEERING  
ACADEMIC YEAR 2019-2020 (EVEN SEMESTER)  
ALUMNI SPEECH**

**Venue: CIVIL CLASS ROOMS**

**Date: 21.01.2020**

**Time: 10:00 – 11:30 AM**

**Background & Objective**

Alumni Speech is sharing the experience of passed out students of an institution with the juniors and it is a platform for the alumni students to share their views and ideas in their profession, after stepping out of the institution. It is the place, where the institution feels proud on seeing its successful alumni. The meet also creates a stage to identify the department's most distinguished alumni.

**Motivating Session**

We are pleased to have organized a wonderful and memorable Alumni speech on 21<sup>st</sup> January 2020 at the Department of civil Engineering. **Ms.R.UMA MAHESWARI** of 2013-17 batch graced the occasion. She has undergone 1 year apprenticeship in BHEL, Trichy and currently undergoing coaching classes for UPSC examination at Karaikudi. She addressed the II Year & III Year civil students and delivered a wonderful motivating speech. She highlighted the scope for civil engineers in various aspects and also added valuable information regarding job opportunities. Finally she concluded her speech by igniting the students to develop their passion into dreams and work hard to make their dreams into reality.



**Alumni speech sessions for 2<sup>nd</sup> Year & 3<sup>rd</sup> Year Civil students**

**Outcome**

The Alumni Speech is a platform for relishing and sharing their views with the junior students. It is a time for reflecting and encouraging the students and guides them forward with a sense of purpose and anticipation.



**DEPARTMENT OF CIVIL ENGINEERING  
ACADEMIC YEAR 2019-2020 (ODD SEMESTER)**

**ALUMNI SPEECH**

**Venue: CIVIL CLASS ROOMS**

**Date: 09<sup>th</sup> August 2019**

**Time: 01:15 - 03:00pm**

**Background & Objective**

Alumni Speech is sharing the experience of passed out students of an institution with the juniors and it is a platform for the alumni students to share their views and ideas in their profession, after stepping out of the institution. It is the place, where the institution feels proud on seeing its successful alumni. The meet also creates a stage to identify the department's most distinguished alumni.

**Motivating Session**

We are pleased to have organized a wonderful and memorable Alumni speech on 9<sup>th</sup> August 2019 at the Department of civil Engineering. **Mr.S.R.SRIRAM** of 2012-16 batch & **Mr.S.VASANTH** of 2015-19 batch graced the occasion. Mr.S.R.Sriram is currently working as a promising newsreader in POLIMER TELEVISION. Mr. S.Vasanth is currently undergoing coaching classes for UPSC examination at chennai. Both of them addressed the II Year, III Year & IV Year civil students and delivered a wonderful motivating speech. They highlighted the scope for civil engineers in various aspects and also added valuable information regarding job opportunities. Finally they concluded their speech by igniting the students to develop their passion into dreams and work hard to make their dreams into reality.



**Alumni speech sessions**

**Outcome**

The Alumni Speech is a platform for relishing and sharing their views with the junior students. It is a time for reflecting and encouraging the students and guides them forward with a sense of purpose and anticipation.



6.09.18

**ACADEMIC YEAR 2018-19 (ODD SEM)  
MOTIVATIONAL SESSION BY INDUSTRY EXPERT**

Industry experts are invited periodically for Seminar and Motivational Sessions enlightening Final year students about industry expectations and career planning. On **05.09.18**, Mr.R.Sathishraj with rich Industrial experience was invited for a Motivational session enlightening our IV year CSE and ECE students.

**Mr.R.Sathishraj – Brief profile**

**Work experience**

- Sify Technologies with Micro ERP division, 2004-2006
- Ingram Micro Corp as Business Development Manager, 2006-2009
- Since 2009, Full time Entrepreneur, Distribution -e.com Business in India and US

Resource person of the session addressed students on the following areas and triggered the minds of students

- Importance of Goal setting
- Fear and Doubt management
- Current Market trends
- Avoiding distraction and Time Management.

Insisting students on regular review of set goals, achievement, Mr.Sathishraj listed various books and weblinks for reference. At the end of the session, feedback was shared by student representatives. Students thanked the resource person for facilitating better approaches to career planning and also life skills.



Session Snapshots

No. of students attended the session : 128



31.08.19

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
ACADEMIC YEAR 2019-20 (ODD SEM)**

**ALUMNI INTERACTION SESSION**

MANIMOZHIL.K. working as Trainee Developer in Osiz Technologies, Madurai(2019 passedout) addressed II year students about their experiences in skill development, certifications, attending interviews and industry expectations on 31.08.19.

During the session, she insisted on the following

- FOSS based certifications
- Programming skill development (Any language)
- Lab session utilization need
- Update on Web technologies

Sharing interview tips, work experience and need for continuous skill upgradation among the juniors, Alumnus insisted II Year students to concentrate from II year onwards. She insisted on the need for understanding of basics in Core papers of CSE. Mentioning about IIT, Bombay certification course on Python, she explained how such certification has helped her to step into industry.



View of II Year students listening to Alumnus

No.: of students attended the session : 43



07.09.19

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
ACADEMIC YEAR 2019-20 (ODD SEM)**

**ALUMNI INTERACTION SESSION**

SHERIN (2012 PASSED OUT) working as Auditor in TN, Audit Department, Thanjavur who has cleared Group II exams and JAVEED (2011 PASSED OUT) working as Team Leader in Wal Mart, Disney, addressed IV year students and III Year students on 06.09.19. Sherin has outshined in all areas during her study and is University rank holder of the batch.

Sherin insisted on

- Consistent academic records
- Aspiration for University ranks
- Insight into Group-I examinations

Javeed insisted on

- Career opportunities for CSE graduates
- Interview readiness
- Scope for all category of students at industry



View of IV Year students & III Year students listening to Alumnus

No.: of students attended the session : 81



A 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



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
ACADEMIC YEAR (2019-2020) EVEN SEM**

**REPORT ON STAKEHOLDER INTERACTION BY RENOWNED ALUMNI**

Department of ECE and IEEE SB jointly organized Alumni Series Webinar from 06th to 10th July, 2020. A total of 333 registrations were received from participants residing in India, Oman, Singapore and Saudi Arabia.

**Ms.S.Sharmila Thagore**, Data Analyst, Bangalore, on 06th July, 2020, delivered a talk on Digital Marketing Analytics. In her lecture, she explained in detail about Digital marketing strategies, data analytics and the software tools used in Digital Marketing.

**Mr.Surendhar Ravichandran**, Sr. Devops Engineer, European Bioinformatics Institute, England on 07th July, 2020, delivered a talk on Introduction to Linux Containers and Kubernetes. In his talk, he briefed on Dockers images, docker hub, Kubernetes, container orchestration. At end of the session he demonstrated the installation of the docker.



**Mr.A.Athiraja**, Innovation Ambassador- MHRD IIC Cell, Coimbatore on 08th July, 2020, presented an overview on “Basics of Machine Learning”. In his lecture he briefed, supervised learning, unsupervised learning, reinforcement learning and machine learning models. He concluded his lecture with the applications of ML in healthcare, sentiment analysis, fraud detection and e-commerce.

**Ms.Vaishnavi Nagapandian**, Senior Programme Consultant, PSB Academy, Singapore on 09th July, 2020, delivered a lecture on “Turning Crisis into Opportunity : Lessons from COVID-19”. In her lecture, she briefed on the impact on economy, impact on individual and lifestyle, impact on workplace and future requirements, impact on competition. Also she briefed on industries thriving amid COVID-19 and on the opportunities for the engineers/ graduates with digital skills due to rapid digitization.

**Mr.P.Aravind Preshant**, Software Engineer, Apple, California, USA on 10th July, 2020 delivered lecture on “Introduction to Robotics”. In his lecture, he briefed on Robot Operating System (ROS), Simulators i.e. MATLAB and Gazebo, various sensors, Perception: object detection, object tracking,

SLAM, planning algorithms and reinforcement learning.



While concluding he elaborated on the project “Exploration of Unknown Environment using Multiple Robots”.

The programme was coordinated by Mr. P. Raja Pirian, AP/ECE and Mr. J. Niranjan Samuel, JRF/ECE-R&D. Mrs. N. Mangaiyarkarasi, HOD/ECE, felicitated the resource persons for attaining a big position in the society and thanked all the staff members for grand success of the webinar.

YOUTUBE LINK : <https://youtu.be/cf5YYKEngaA>

YOUTUBE LINK : <https://youtu.be/zmv6qzBlgo>

**Department of Electronics & Communication Engineering Organizes Alumni Series Webinar from 06.07.2020 to 10.07.2020**

**Resource Persons**

**Our Prestigious ALUMNUS**

**Ms.S.Sharmila Thagore**  
Data Analyst,  
Optum Global Solutions Pvt Ltd.,  
Bangalore.  
06/07/2020 @ 11.00 a.m.  
Title : Digital Marketing-Analytics

**Ms.Vaishnavi Nagapandian**  
Senior Programme Consultant,  
International Recruitment,  
PSB Academy, Singapore  
09/07/2020 @ 11.30 a.m.  
Title : Turning Crisis into  
Opportunity : Lessons from COVID-19

**Mr.Surendhar Ravichandran**  
Sr. Devops Engineer  
European Bioinformatics Institute (EMBL-EBI)  
England  
07/07/2020 @ 12.30 p.m.  
Title :Introduction to linux  
containers and Kubernetes

**Mr.P.Aravind Preshant**  
Software Engineer at Apple,  
California, USA.  
10/07/2020 @ 11.00 a.m.  
Title : Robotics

**Mr.A.Athiraja**  
Innovation Ambassador- MHRD IIC cell,  
SPOC- Research and Funding Proposal Coordinator,  
Rathnam Technical Campus, Coimbatore.  
08/07/2020 @ 11.00 a.m.  
Title : Machine learning

E- Certificates will be provided to the Participants

**Co-ordinators: Mr.P.Raja Pirian, Vice President Alumni Association,  
Mr.J.Niranjan Samuel, JRF/ECE**

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

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

Register Now : <https://tinyurl.com/KingsAlumniSeries>  
<https://www.Kingsindia.net> <fb://Kings College of Engineering>

**STAKEHOLDER INTERACTION  
REPORT**



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

**REPORT ON STAKEHOLDER INTERACTION BY RENOWNED ALUMNI**

1. Resource Person Details : Mr.S.Sasikumar, Training Engineer,  
American Megatrends Private limited,  
Old Mahabalipuram Road, Chennai.
2. Topic : How to prepare and face Interview.
3. Objective : Motivated the students in all aspects, specially gave awareness  
about the opportunities in electronics field & how to prepare  
for the interview.
4. Date : 17.08.2019
5. Venue : Class room
6. Level of the Students : Final Year
7. Name of the Organizer : Mrs.D.Vennila, AP, IQAC Member - ECE
7. Number of Beneficiaries : 52
8. Photo :



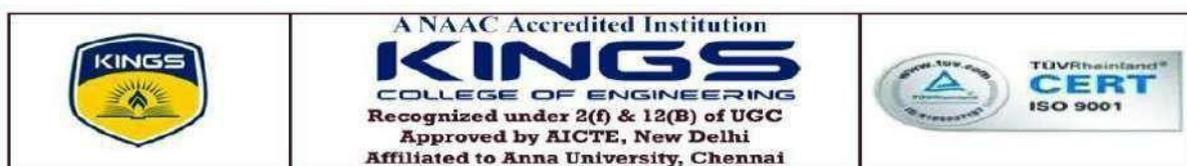


**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING  
ACADEMIC YEAR (2019-2020) ODD SEM**

**REPORT ON STAKEHOLDER INTERACTION BY RENOWNED ALUMNI**

1. Resource Person Details : Ms.Kaveri , Training Engineer,  
Infosys Private limited,  
pune.
2. Topic : How to prepare and face Interview.
3. Objective : Motivated the students in all aspects, specially gave awareness  
about the opportunities in electronics field & how to prepare  
for the interview.
4. Date : 17.08.2019
5. Venue : Class room
6. Level of the Students : Final Year
7. Name of the Organizer : Mrs.D.Vennila, AP, IQAC Member - ECE
7. Number of Beneficiaries : 52
8. Photo :





**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
**ACADEMIC YEAR (2019-2020)**

**ALUMINI INTERACTION**

**27.01.2020**

**AGENDA**

2.00 to 2.05	Silent prayer
2.05 to 2.10	Welcome speech [Mr.S. R.Karthikeyan AP/EEE]
2.10 to 2.15	Keynote address: [ Er. S. Arun Shyam Raj, project Engineer/Usha Fire & safety]
2.15 to 3.15	Carrier Opportunities Talk [ Er. S. Arun Shyam Raj, project Engineer/Usha Fire & safety]
3.15 to 3.25	Interact with students [ Er. S. Arun Shyam Raj, project Engineer/Usha Fire & safety]
3.25 to 3.30	Vote of thanks [Mr. S. R. Karthikeyan AP/EEE]



**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING  
 ACADEMIC YEAR 2019-20 (EVEN)**

**NAME OF THE EVENT** : Alumni – Career Guidance & Higher Studies

**NAME OF THE DEPT** : EEE

**NUMBER OF BENEFICIARIES** : 25

**NAME OF THE RESOURCE PERSON** : Er.S.Arun Shyam Raj B.E., M.E

Project Engineer/ Usha Fire & Safety  
 Chennai.

**DATE** : 27.01.2020

**PHOTOS:**



Welcome Address



Vote of Thanks



Er.S.Arun Shyam Raj Interact with Students