

### 6.5.3 Activities conducted under Collaborative quality initiatives with other institutions.

Year	Collaborative quality initiatives with other institution(s) (Provide name of the institution and activity)	Proof Page No.
2019-2020	Name of the institution:- <b>DIET, Meerut</b> Activity name:- <b>Guest Talk in 03 Days Entrepreneurship Awareness Camp</b>	2-3
2019-2020	Name of the institution:- <b>IEEE PES/IAS Joint Chapter Uttar Pradesh Section, Prof. Sandeep Anand, Chair, IEEE PES/IAS Joint Chapter, IIT Kanpur</b> Activity name:- <b>A Short-Term Training Programme on "Modelling and Simulations of Renewable Energy Systems and Integration</b>	4-30
2019-2020	Name of the institution:- <b>Imperial Society of Innovative Engineers (ISIE), India, Mr. Vinod Gupta, Founder &amp; President, ISIE India.</b> Activity name:- <b>Skill Development Programme on "Renewable Energy &amp; Electric Vehicles" and Electric Vehicles Design and Assembly</b>	31-39
2019-2020	Name of the institution:- <b>Imperial Society of Innovative Engineers (ISIE), India, Mr. Vinod Gupta, Founder &amp; President, ISIE India.</b> Activity name:- <b>Online Summer Internship programme on Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)</b>	40-110
2018-2019	Name of the institution:- <b>IEEE PES/IAS Joint Chapter Uttar Pradesh Section, Prof. Sandeep Anand, Chair, IEEE PES/IAS Joint Chapter, IIT Kanpur</b> Activity name:- <b>Summer Internship Programme On Advance Power Engineering Technologies, Instruments and Green Energy (June 12-July 09, 2019)</b>	111-124
2018-2019	Name of the institution:- <b>Imperial Society of Innovative Engineers (ISIE), India, Mr. Vinod Gupta, Founder &amp; President, ISIE India.</b> Activity name:- <b>Skill Development Programme on "Electric Vehicles"</b>	125-131
2017-2018	Name of the institution:- <b>MOU WITH MCN SOLUTIONS,NOIDA</b> Activity name:- <b>TECHNICAL CONFERENCE, GUEST LECTURE, WORKSHOPS, INDUSTRIAL VISIT</b>	132-143



Siddharth Jain &lt;siddharth.jain@kiet.edu&gt;

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## Appreciation letter

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nikhil garg &lt;nikkhil1@gmail.com&gt;

Sat, Aug 17, 2019 at 12:44 PM

To: Siddharth Jain &lt;siddharth.jain@kiet.edu&gt;

04.03.2019

Mr. Sidharth Jain,  
Head, Technology Business Incubator,  
KIET, Ghaziabad

### Letter of Appreciation

Dear Mr. Sidharth Jain,

Thank you very much for organizing 3 days “ **Entrepreneurship Awareness Camp** ” which was held successfully from 28<sup>th</sup> February to 2<sup>nd</sup> March, 2019 at Delhi Institute of Engineering & Technology, Bye pass Road, Meerut.

You delivered a very elaborative lecture on entrepreneurship which was very appreciated by the students.

I wish you a great success for future endeavour.

With Warm Regards,

Nikhil Garg,

Head, DIET Incubation Centre,

Meerut.

On Tue, Aug 13, 2019 at 8:59 PM Siddharth Jain <[siddharth.jain@kiet.edu](mailto:siddharth.jain@kiet.edu)> wrote:



Follow us on : Four small, square icons arranged horizontally. Each icon is a placeholder for a social media link, showing a white background with a thin black border and a small green and blue graphic element.

**Fwd: InterBank-NEFT Transfer Credit Alert**

1 message

accountsofficer kiet <accountsofficer@kiet.edu>  
To: "NEERAJ KR. Gupta" <neeraj.gupta@kiet.edu>, brijesh.singh@kiet.edu

Tue, Feb 11, 2020 at 10:40 AM

----- Forwarded message -----

From: <bankalerts@kotak.com>  
Date: Mon, Feb 10, 2020 at 7:26 PM  
Subject: InterBank-NEFT Transfer Credit Alert  
To: <accountsofficer@kiet.edu>

Dear Customer,

We wish to inform you that Rs.86400 has been credited to destination account as per your request for NEFT Transaction on 10-02-2020 at 18:26:37. Please find the details as below:

Bank Name: ICICI BANK LTD  
Destination Account Number: 262601000476  
Beneficiary Name: IMPERIAL SOCIETY OF INNOVATIVE ENGI  
Debit Bank Account Number: XX2332  
UTR Reference Number: KKBKH20041771077

**IMPORTANT:** Please do not reply to this message or mail address. For any queries, please call our 24 Hrs Customer Contact Centre at our toll free number\*- 1860 266 2666 or use **Mail** link after logging into Net Banking. (\*Click here, if the toll free numbers are not supported by your service provider)

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KIET Group of Institutions

Delhi-NCR, Meerut Road (NH-58)  
Ghaziabad - 201206

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Attachments area

**KIET Group of Institutions, Ghaziabad**  
**Department of Electrical and Electronics Engineering**

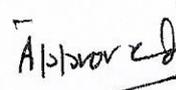
**NOTE 2**

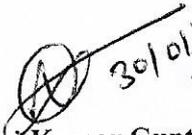
Date: 29-01-2020

Please refer Note 1 of dated 18-12-2019 and Director Sir's remark (Placed Opposite). The department has conducted feedback session in both the classes EN IV&VI Sem for courses; (i) Renewable Energy & Electric Vehicles (ii) Electric Vehicles Design & Assembly respectively (the analytical report is attached herewith). It has been observed that the students are satisfied with the classes conducted by experts from Imperial Society of Innovative Engineers (ISIE) for EN III&V Semester.

Therefore, it is requested to grant an approval for release of payment of **Rs. 96,000/-** through bank account transfer to Imperial Society of Innovative Engineers (ISIE) as per details given in Note 1.

  
**Dr. Brijesh Singh**  
Coordinator, SDP Electric Vehicles  
Department of EN

  
(odd Semester  
A.Y. 2019-20  
Dr. (Col) A Garg  
Director  
(for kind approval)

  
**Dr. Neeraj Kumar Gupta**  
Professor & Head  
Department of EN

03 Feb 2020.

**KIET Group of Institutions, Ghaziabad**  
**Department of Electrical and Electronics Engineering**

NOTE 1

Date: 18-12-2019

The department of Electrical and Electronics Engineering has conducted the Skill Development Programme for EN III & V Semester Students in association with Tech. Imperial Pvt. Ltd. and Imperial Society of Innovative Engineers (ISIE), India as per approval dated 24<sup>th</sup> July 2019 and budget approval dated 07<sup>th</sup> Aug 2019 (Please refer Annex I & II). At present, the proposed courses have been completed during this semester. The details of lecture dates and course coverage attached herewith (Please refer Annex III).

The details of number of classes conducted during semester are as follows:

**B. Tech EN III Sem**

Course Name: Renewable Energy & Electric Vehicles  
Number of classes: 08 days (02 Lecture/day)  
Expenditure: Rs. 48,000/- (approved budget Rs. 60,000/-)

**B. Tech EN V Sem**

Course Name: Electric Vehicles Design & Assembly  
Number of classes: 08 days (02 Lecture/day),  
Expenditure: Rs. 48,000/- (approved budget Rs. 60,000/-)

**Total Expenditure: Rs. 96,000/-**

Therefore, it is requested to grant an approval for release of payment of **Rs. 96,000/-** through bank account transfer. The bank details for fund transfer is as follows:

**Amount to be paid: Rs. 96,000/- (Tax Deduction as per KIET Policy)**  
**Account name: Imperial Society of Innovative Engineers**  
**A/C No. 262601000476**  
**Account Type: Special saving account**  
**IFSC Code of Bank: ICIC0002626**  
**Branch address: CHAHERU branch, student academic resource center LPU campus Phagwara, Kapurthala (Punjab) 144411.**

**PAN: AAAAI7613L**

  
**Dr. Brijesh Singh**  
Coordinator, SDP Electric Vehicles  
Department of EN

  
**Dr. Neeraj Kumar Gupta**  
Professor & Head  
Department of EN

*Arrived*

HOD EN

03/02/2020

*Put up student/general feedback*

*hnd:*

23 July 2019

**NOTE**

**SKILL DEVELOPMENT PROGRAM FOR THE STUDENTS**

Department of Electrical and Electronics Engineering is planning to offer following additional skill subjects (internal) to all the students of the department during odd semester 2019-20.

<b>Second Year (Third Semester) Students</b>			
<b>Sr. No.</b>	<b>Name of the course</b>	<b>Resource Person/ course instructors</b>	<b>Duration/ time</b>
1	Artificial Intelligence & Machine Learning	Mr. Farrukh Khan (Final year Student)	02 hours per section per week (on Friday) Total 20 Hrs
2	Embedded System & Internet of Things	Mr. Arpit Bhushan Sharma (Final year Student)	
3	Renewable Energy & Electric Vehicles	Resource Person from Imperial Society for Innovative Engineers (ISIE)	
<b>Third Year (Fifth Semester) Students</b>			
<b>Sr. No.</b>	<b>Name of the course</b>	<b>Resource Person/ course instructors</b>	<b>Duration/ time</b>
1	Embedded System & Internet of Things	Mr. Arpit Bhushan Sharma (Final year Student)	02 hours per section per week (on Friday) Total 20 Hrs
2	Electric Vehicles design and assembly	Resource Person from Imperial Society for Innovative Engineers (ISIE)	
<b>Final Year (Seventh Semester) Students</b>			
<b>Sr. No.</b>	<b>Name of the course</b>	<b>Resource Person/ course instructors</b>	<b>Duration/ time</b>
1	Industrial Electronics	Prof. Ankit Singhal Prof. Shruti Pandey	02 hours per section per week

Contd.....

Approved

24/7/19.

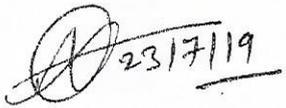
Good initiative  
to involve  
Student Assistants  
(IAs).

Expenditure to be incurred for conducting above mentioned programs is tabulated below.

Sr. No.	Name of the course	Per week Expenditure (Rs.)	per semester Approximate Expenditure (Rs.)
1	Artificial Intelligence & Machine Learning	As per KIET Policy for TA	As per KIET Policy for TA
2	Renewable Energy & Electric Vehicles	Rs.6000/-	Rs.60,000/-
3	Embedded System & Internet of Things	As per KIET Policy for TA	As per KIET Policy for TA
4	Electric Vehicles design and assembly		Rs. 1.5 Lacs (Approved Budget placed opposite)
5	Industrial Electronics	NIL	NIL

As two courses (Artificial Intelligence & Machine Learning and Embedded System & Internet of Things) shall be taught by final year students, the department may organize guest lectures on need basis. Honorarium shall be paid for these lectures by us.

Submitted for your kind approval please.

  
23/7/19  
Dr. Neeraj Kumar Gupta  
HoD

  
24 JUL 19.  
Dr. (Col.) A Garg  
Director

# B. RECURRING BUDGET (2019-20)

## Centre of Excellence for Electric Vehicular Technology

S. No.	Item Details	QTY	Estimated Cost Rs. (In Lacs)	Brief Reasons For Requirement/Expected Benefits to Students & Faculty
1	Consumables for fabrication of E-Car like wires, cables, general purpose electrical circuits and technical supports for restructuring requirement in Car body.	LS	1.50	Supporting funds to be utilize by students for development of modified E -Car.
<b>Total</b>			<b>1.50</b>	

Technical supports for additional Skill classes (Interested Students = 60).  
 Classes will be run throughout the Semesters.

~~₹ 6,000 per class.~~

*[Signature]*

Approved

(₹ 60,000/-). Total classes = 10 ~~days~~ classes.

Total Expenditure =  $10 \times 6,000 = ₹ 60,000/-$

*[Signature]*  
07 Aug 19

Electric Vehicle Engineering  
As  
Specialization Program ISIE-INDIA  
ACADEMIA PARTNERSHIP PROGRAM ON ELECTRIC VEHICLE DESIGN AND DEVELOPMENT,  
KIET GHAZIABAD  
Status of Course Coverage during Session 2019-2020 Odd Semester

Course Name: Renewable Energy & Electric Vehicles  
B. Tech EN III Sem

WEEK	Date	TOPIC COVERED	Trainer
WEEK 1	02/08/2019	Introduction to EV	Mr Saket Dongre & Mr Avinash Barve
WEEK 2	09/08/2019	Sketching of Automobile	Mr Saket Dongre & Mr Hitesh Kumar Rana
WEEK 3	30/08/2019	Sketching of Automobile and RULA REBA sheet formation	Mr Saket Dongre & Mr Hitesh Kumar Rana
WEEK 4	06/09/2019	Major Components of Powertrain (ICEV, EV, HEV) Motor/Engine/Controller/ Battery/ transmission	Mr Saket Dongre & Mr Hitesh Kumar Rana
WEEK 5	20/09/2019	Retrofitting Key Factors	Mr Ganesh Mishra
WEEK 6	04/10/2019	Zen Car Retrofit Components Demonstration and Mounting Finalization	Mr Saket Dongre & Mr Hitesh Kumar Rana
WEEK 7	11/10/2019	Frame Prototype	Mr Hitesh Kumar Rana & Mr Avinash Barve
WEEK 8	01/11/2019	Introduction to CAD CAM CAE	Mr Avinash Barve

Course Name: Electric Vehicles Design and Assembly  
B. Tech EN V Sem

WEEK	Date	TOPIC COVERED	Trainer
WEEK 1	02/08/2019	E-Mobility Market	Mr Saket Dongre & Mr Avinash Barve
WEEK 2	09/08/2019	Nomenclature of Automobile on Zen Car	Mr Saket Dongre & Mr Hitesh Kumar Rana
WEEK 3	30/08/2019	Ergonomic Design of car	Mr Saket Dongre & Mr Hitesh Kumar Rana
WEEK 4	06/09/2019	Retrofitting Technology and it's Market (includes student activity on Retrofitting innovation)	Mr Saket Dongre & Mr Hitesh Kumar Rana
WEEK 5	20/09/2019	Retrofitting Key Factors	Mr Ganesh Mishra
WEEK 6	04/10/2019	Zen Car Retrofit Components Demonstration and Mounting Finalization	Mr Saket Dongre & Mr Hitesh Kumar Rana
WEEK 7	11/10/2019	Frame Prototype	Mr Hitesh Kumar Rana & Mr Avinash Barve
WEEK 8	01/11/2019	Introduction to CAD CAM CAE	Mr Avinash Barve

Course Coordinators

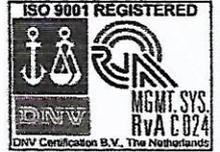
(Dr. Brijesh Singh)

(Dr. Neeraj Kumar Gupta)



# KIET GROUP OF INSTITUTIONS

(A Technical Campus approved by AICTE)  
Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow  
An ISO-9001 : 2008 Certified Institute



## MEMORANDUM OF UNDERSTANDING BETWEEN KIET GROUP OF INSTITUTIONS AND IMPERIAL SOCIETY OF INNOVATIVE ENGINEERS (ISIE), NOIDA

This Agreement made and (herein after referred to as MoU) entered into from this "06 Date 03,19" for 1 years between Party 1 as **KIET Group of Institutions, Ghaziabad, Uttar Pradesh**. Herein referred to as **KIET Group of Institutions** and Party 2 as **Imperial Society of Innovative Engineers (ISIE)** located at E-210, First Floor, Sector 63, Noida, Delhi NCR 201301.

### 1. OBJECTIVES OF THE MOU:

This document outlines a strategic understanding between **Imperial Society of Innovative Engineers (ISIE)** and **KIET Group of Institutions** works together for **Skill Development Program on Electric Vehicle Engineering**. The primary aim of this partnership is to aid **KIET Group of Institutions** in establishing a high-quality people repository in Automotive and allied fields. This will help **KIET Group of Institutions** to teach and train their students on strategic and innovation technologies and equip the students, faculty of the institution towards attaining skills in cutting-edge technologies in allied areas of automotive engineering.

#### Benefits of Skill Development Program on Electric Vehicle Engineering

- It is the only program based on advance & practical learning for the budding technocrats of India, exclusively designed and developed by **ISIEINDIA**.
- Participants will get a 360-degree exposure i.e. Theoretical Knowledge, Hand on Experience, Industrial Skills & Career Building opportunities.
- Our main motive is to pour life-changing water ( $H_2O + \text{skill} + \text{development}$ ) to that seed to grow up as a perfect engineer for the mother earth and should enhance the E-mobility in future.

★ KIET School of Engg & Technology ★ KIET School of Management ★ KIET School of Computer Application  
KIET Group of Institutions  
KIET School of Pharmacy

13 KM STONE, GHAZIABAD-MEERUT ROAD, GHAZIABAD - 201 206 (U.P.) TEL : 0120-2675314, 2675315, 01232-227978, 227980, 238223, 228224  
TELEFAX : 0120-2675091, Website : www.kiet.edu / www.kietpharmacy.com

All Disputes are subject to Ghaziabad Jurisdiction only.

Now, therefore, the parties to this MOU mutually agree to the following:

## **2. PROPOSED MODES OF COLLABORATION:**

It is further agreed that this agreement is being signed by the parties without any pressure, influence, or any type of compulsion.

**KIET Group of Institutions and Imperial Society of Innovative Engineers (ISIE)** propose to collaborate through.

1. Imperial Society of Innovative Engineers (ISIE) will conduct the following programs at KIET Group of Institutions during the entire duration of the validity period of this MoU:

A. Skill Development Program on Electric Vehicle Engineering one Semester on Campus Program on basis of mutual understanding.

Fee Structure for Program: - ₹ 6, 000/- Per Day for 10 Days

Duration of the Program: - 30 Contact Hours

(3 Hours each day for 10 Fridays of the Semester from Jan to May 2019)

2. Imperial Society of Innovative Engineers (ISIE) will procure certified trainers and Industry expertise.

3. Imperial Society of Innovative Engineers (ISIE) will execute the proposed program in the form of Theory Lectures, Video Lectures, Hands-on Session and Discussion Session.

4. KIET Group of Institutions should procure below the infrastructure during this training program

A. The needful infrastructure of class area, manpower and electrical connections for the classroom equipped with all essential necessities.

B. Necessary furniture for classrooms.

C. Necessary amenities and infrastructure for organizing certificate courses, workshops.

D. Decent hospitality will be provided to all the trainers, experts, speakers and Guests during course of program.

5. ISIE INDIA will provide its social platform for the publicity of college.

6. The course execution will be done with mutual discussion and agreement of both the parties.

### **3. Payment Policy:**

Institute need to pay 50% of the amount prior to the program.  
Institute can pay the balance amount during the course of program or at the time of completion of program.

### **4. Period of Validity:**

This agreement shall be initially valid for a period of Oneyear from the date of signing of the MoU and to be renewed subsequently upon mutual consent of both the parties by doing necessary changes.

### **5. Arbitration:**

Any dispute arising with regard to any aspect of this Agreement shall be settled through mutual consultations and agreements by the parties to the Agreement.

### **6. Signed in Duplicate**

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of: -

KIET Group of Institutions

By: Registrar/Director/Chairman

Name: Dr. (Col) A Garg  
Director  
KIET Group of Institutions  
Ghaziabad

On behalf of: -

Imperial Society of Innovative Engineers

By: Founder & President

Name: Vinod K Gupta



Dr. Brijesh Singh &lt;brijesh.singh@kiet.edu&gt;

## Fwd: InterBank-NEFT Transfer Credit Alert

accountsofficer kiet <accountsofficer@kiet.edu>

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**Beneficiary Name:** IMPERIAL SOCIETY OF INNOVATIVE ENGI  
**Debit Bank Account Number:** XX2332  
**UTR Reference Number:** KKBKH20041771077

**IMPORTANT:** Please do not reply to this message or mail address. For any queries, please call our 24 Hrs Customer Contact Centre at our toll free number\*- 1860 266 2666 or use **Mail** link after logging into Net Banking. (\*Click [here](#), if the toll free numbers are not supported by your service provider)

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Delhi-NCR, Meerut Road (NH-58)  
 Ghaziabad - 201206



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Attachments area

THANKS & REGARDS

Arun Aggarwal

Accounts Officer

Mob: +919873196050

**Department of Electrical and Electronics Engineering**

**List of Students Enrolled for Skill Development classes of RE&EV**

**Academic Session: 2019-2020 odd**

NAME	YEAR	ROLL NO.
Sanskar Baliyan	2	1802921139
Ayush Srivastava	2	1802921043
Shivam Sharma	2	1802921146
NITISH KUMAR	2	1802921098
AYUSHMAAN SAINI	2	1802921045
Adarsh kumar	2	1802921011
SHUBHAM UPADHYAY	2	1802921155
SHOAIB AKHTAR	2	1802921149
Shyamji Shukla	2	1802921157
Pritam Verma	2	1802921116
Sakshi Upadhyay	2	1802921133
Ankit Chauhan	2	1802921024
Ravi Kumar Shah	2	1802921120
Kartikeya Agnihotri	2	1802921069
Satyam lakra	2	1802921141
VIPIN YADAV	2	1802921180
SHOAIB AKHTAR	2	1802921149
Shubham Gupta	2	1802921152
Tarun kumar	2	1802921165
SHUBHAM KUMAR	2	1802921153
Manish Dev Vardhan	2	1802921083
Yogita	2	1802921187
Shashwat dwivedi	2	1802921142
Rupesh Yadav	2	1802921130
Abhinav Kushwah	2	1802921004
Anurag Singh	2	1802921029
Devishri Bassi	2	1802921054
Kamil sheikh	2	1802921067
Shashwat Mishra	2	1802921143
Anurag Singh	2	1802921029

**Coordinator**

**Dr. Brijesh Singh**

**Department of Electrical and Electronics Engineering**

**List of Students Enrolled for Skill Development classes of RE&EV**

**Academic Session: 2019-2020 odd**

<b>NAME</b>	<b>YEAR</b>	<b>ROLL NO.</b>
Sanskar Baliyan	2	1802921139
Ayush Srivastava	2	1802921043
Shivam Sharma	2	1802921146
NITISH KUMAR	2	1802921098
AYUSHMAAN SAINI	2	1802921045
Adarsh kumar	2	1802921011
SHUBHAM UPADHYAY	2	1802921155
SHOAIB AKHTAR	2	1802921149
Shyamji Shukla	2	1802921157
Pritam Verma	2	1802921116
Sakshi Upadhyay	2	1802921133
Ankit Chauhan	2	1802921024
Ravi Kumar Shah	2	1802921120
Kartikeya Agnihotri	2	1802921069
Satyam lakra	2	1802921141
VIPIN YADAV	2	1802921180
SHOAIB AKHTAR	2	1802921149
Shubham Gupta	2	1802921152
Tarun kumar	2	1802921165
SHUBHAM KUMAR	2	1802921153
Manish Dev Vardhan	2	1802921083
Yogita	2	1802921187
Shashwat dwivedi	2	1802921142
Rupesh Yadav	2	1802921130
Abhinav Kushwah	2	1802921004
Anurag Singh	2	1802921029
Devishri Bassi	2	1802921054
Kamil sheikh	2	1802921067
Shashwat Mishra	2	1802921143
Anurag Singh	2	1802921029

**Coordinator**

**Dr. Brijesh Singh**

SI No	Date	Topic Covered	Subtopics	Remarks
1	29-Jan-20	Introduction to ESS	Energy Storage Systems, Concepts of Energy, Energy vs Works, Generation-Storage-Utility, Power vs Energy, Need and Types of ESS, Introduction to Lithium	
2	05-Feb-20	Introduction to BMS		Taken by Dr Brijesh
3	12-Feb-20	Battery vs Cell	Construction of Cell, Types of cell standards, Cell Nomenclatures and Data Sheets, Types of Chemistry, C rating(Suffix and prefix), SoC, DoD and SoH	
4	19-Feb-20	Battery Design	Powertrain calculation of an EV based on acceleration and top speed. Then determining Voltage, current and capacity for the battery to be used in the same.	
5	26-Feb-20	BMS and Balancing	BMS fundamentals, Unbalanced Cells: Cause, Effect, Symptoms and Prevention, Balancing Methods	
6	04-Mar-20	Battery Simulation	Case study of an EV battery with voltage, current and capacity calculations. Plotting the same to understand the powertrain performance.	

**Industry Readiness Skill Programme**  
**“Renewable System & Electric Vehicles”**  
**(Session 2019-2020 Even)**  
**Lecture Plan**

**Course Name: Battery and Battery Management System**

Lecture	Topic	Subtopics	Lecture Type
1	LITHIUM AND BATTERY FUNDAMENTALS	Advantage of Lithium Ion Batteries, Early Development Electrolyte Materials & Separator Types of Rechargeable Lithium Cells - DEMO Types of lithium Ion Cells Based on Construction (Size & Shape) - DEMO	Theory
2	LI-ION BATTERY CHARACTERISTICS & CHARGING	Charging Characteristics, Charging Efficiency Discharge Characteristics Internal Resistance Self-Discharge & Storage Cycle Life & Factors Affecting Cycle Life Effect of Temperature on – Voltage, capacity, IR. Self-discharge. life State of Health	Theory
3	Battery Architecture	Cell Balancing & Calculation	Theory + Practical
4	Battery Simulation	Battery Simulation on MATLAB Graph Study	Theory + Practical
5	Battery Simulation	Battery Simulation on MATLAB Graph Study	Theory + Practical
6	BMS - Battery Management System	BMS Architecture Low Voltage & High Voltage Centralized, distributed, hybrid cell balancing Hands on Examples for BMS	Theory + Practical
7	LI-ION BATTERY SAFETY	Functional Safety Overview (ISO 26262) Safety Considerations for BMS (Thermal Runaway, Short Circuit Detection etc)	Theory + Practical
8	LI-ION BATTERY PACK ASSEMBLY (48V)	Cell testing & sorting Series & Parallel connections Cell to cell connections Cell Module assembly & matching	Theory + Practical
9	LI-ION BATTERY PACK ASSEMBLY (60 V)	Cell testing & sorting Series & Parallel connections Cell to cell connections Cell Module assembly & matching	Theory + Practical
10	Testing	Material used in Battery packs Guidelines for pack assembly Testing of battery pack	Theory + Practical

**Students Feedback on Skill Development Programme on “Renewable Energy & Electric Vehicles” During 2019-2020 Odd Semester**

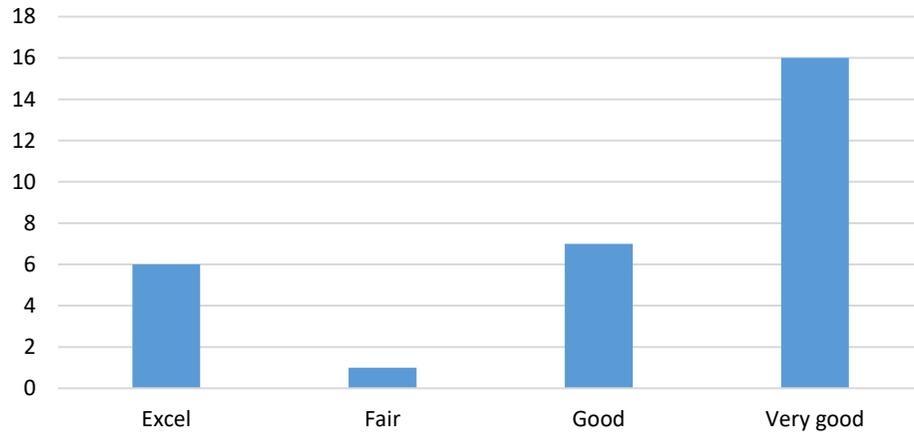
**B. Tech EN IV Semester**

**Number of Students: 32**

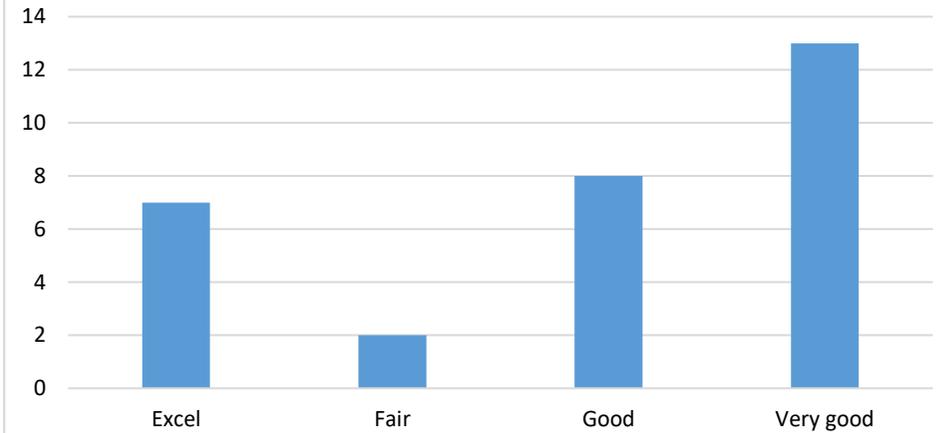
Timestamp	NAME	YEAR	ROLL NO.	CLARITY: Point made clearly & without unnecessary details ?	SEQUENCE: Points presented in logical easy-to-flow sequence ?	SUITABILITY : Technology and the degree of technical details suitable to this audience ?	COVERAGE OF TOPICS :	RELEVANCE OF MATERIAL TO TOPICS SET	The material presented indicated the speaker's knowledge and understanding of the subject was :	Did the speaker answer the questions well,giving concise and informative replies ?	The total effect achieved was :	REMARK (IF Any ):
1/24/2020 15:14	Sanskar Baliyan	2	1802921139	Very good	Very good	Very good	Very good	Very good	Very good	Very good	Very good	
1/24/2020 15:15	Ayush Srivastava	2	1802921043	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel	
1/24/2020 15:17	Shivam Sharma	2	1802921146	Very good	Very good	Very good	Excel	Very good	Excel	Very good	Very good	
1/24/2020 15:21	NITISH KUMAR	2	1802921098	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Try to conduct Practical classes.
1/24/2020 15:22	AYUSHMAAN SAINI	2	1802921045	Excel	Good	Very good	Excel	Excel	Excel	Excel	Excel	
1/24/2020 15:40	Adarsh kumar	2	1802921011	Very good	Good	Very good	Very good	Good	Very good	Very good	Very good	
1/24/2020 15:57	SHUBHAM UPADHYAY	2	1802921155	Very good	Excel	Very good	Excel	Very good	Excel	Very good	Excel	
1/24/2020 15:58	SHOAIB AKHTAR	2	1802921149	Very good	Very good	Very good	Very good	Very good	Very good	Very good	Good	
1/24/2020 16:47	Shyamji Shukla	2	1802921157	Good	Good	Very good	Good	Good	Very good	Good	Very good	
1/24/2020 16:56	Pritam Verma	2	1802921116	Excel	Excel	Excel	Very good	Excel	Excel	Excel	Excel	need practical classes
1/24/2020 17:39	Sakshi Upadhyay	2	1802921133	Good	Fair	Fair	Good	Fair	Good	Fair	Fair	
1/24/2020 21:14	Ankit Chauhan	2	1802921024	Very good	Very good	Very good	Very good	Good	Very good	Very good	Very good	
1/27/2020 7:57	Ravi Kumar Shah	2	1802921120	Very good	Very good	Good	Good	Fair	Very good	Excel	Excel	
1/27/2020 8:02	Kartikeya Agnihotri	2	1802921069	Very good	Very good	Very good	Very good	Excel	Excel	Very good	Good	

1/27/2020 8:03	Satyam lakra	2	1802921141	Very good	Good	Excel	Very good	Good	Very good	Excel	Good	
1/27/2020 8:09	VIPIN YADAV	2	1802921180	Very good								
1/27/2020 8:12	SHOAIB AKHTAR	2	1802921149	Very good	Good	Very good						
1/27/2020 8:24	Shubham Gupta	2	1802921152	Excel								
1/27/2020 8:24	Tarun kumar	2	1802921165	Very good	Good	Good	Good	Very good	Good	Good	Very good	
1/27/2020 8:28	SHUBHAM KUMAR	2	1802921153	Excel	This is a good initiative by college, industry relevant knowledge is necessary so we want industry people .							
1/27/2020 8:39	Manish Dev Vardhan	2	1802921083	Very good	Very good	Good	Good	Very good	Good	Good	Good	
1/27/2020 9:10	Yogita	2	1802921187	Fair	Fair	Good	Fair	Good	Good	Very good	Fair	
1/27/2020 9:11	Shashwat dwivedi	2	1802921142	Very good	Excel	Excel	Very good	Very good	Excel	Excel	Excel	
1/27/2020 9:11	Rupesh Yadav	2	1802921130	Very good	Very good	Very good	Good	Very good	Very good	Very good	Very good	
1/27/2020 9:13	Abhinav Kushwah	2	1802921004	Good	Good	Good	Fair	Good	Good	Good	Very good	
1/27/2020 9:14	Anurag Singh	2	1802921029	Good	Very good	Very good	Fair	Good	Good	Excel	Very good	
1/27/2020 9:35	Devishri Bassi	2	1802921054	Very good	Very good	Very good	Good	Good	Very good	Very good	Good	Syllabus should be covered faster
1/27/2020 10:27	Kamil sheikh	2	1802921067	Good	Good	Good	Good	Very good	Good	Good	Very good	
1/27/2020 10:42	Shashwat Mishra	2	1802921143	Good	Good	Very good	Good	Very good	Very good	Very good	Good	
1/28/2020 13:03	Anurag Singh	2	1802921029	Good	Very good	Very good	Fair	Good	Good	Excel	Very good	

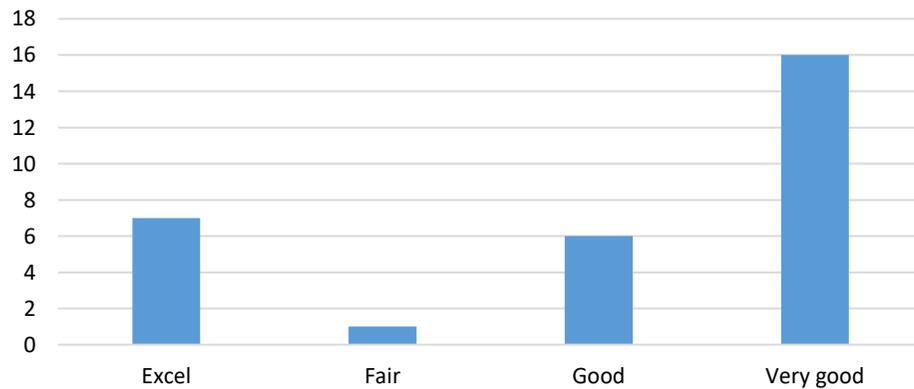
Count of CLARITY: Point made clearly & without unnecessary details ?



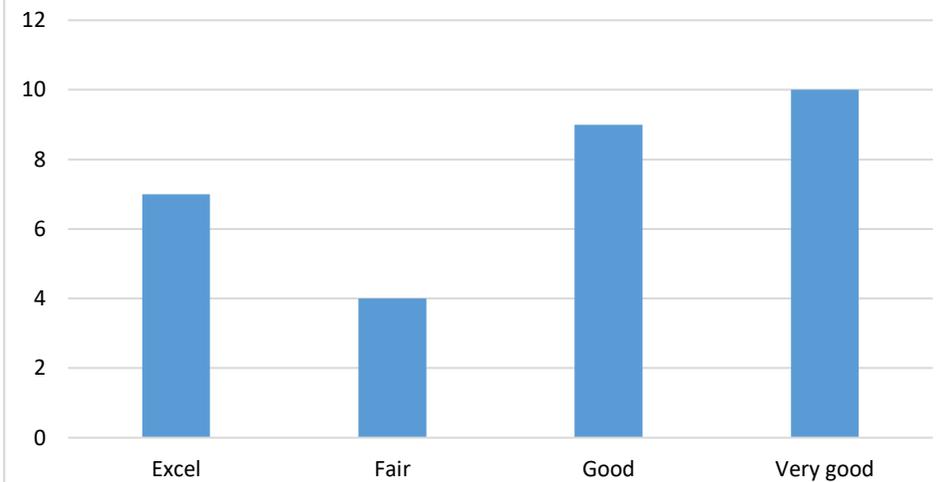
Count of SEQUENCE: Points presented in logical easy-to-flow sequence ?



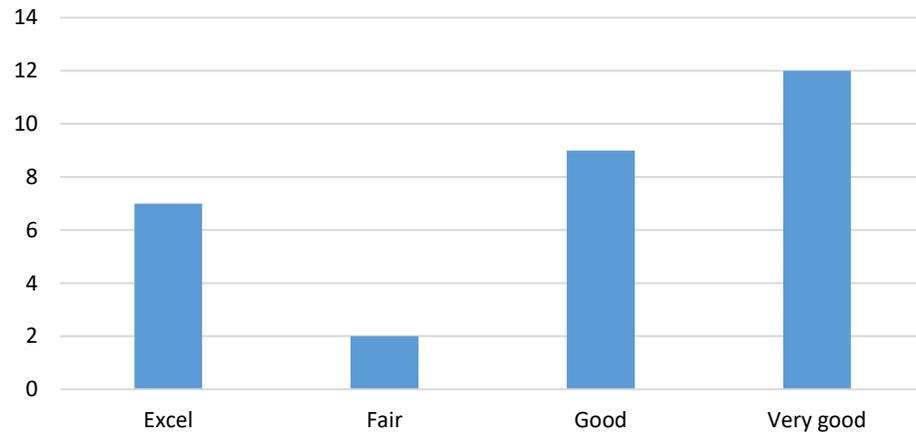
Count of SUITABILITY : Technology and the degree of technical details suitable to this audience ?



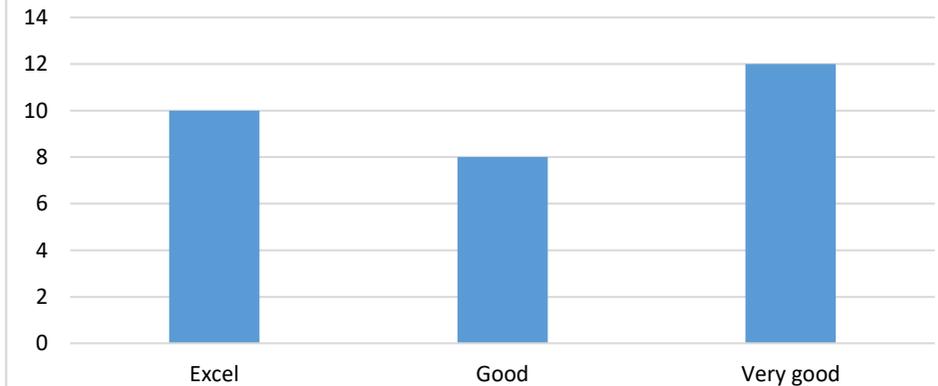
Count of COVERAGE OF TOPICS :



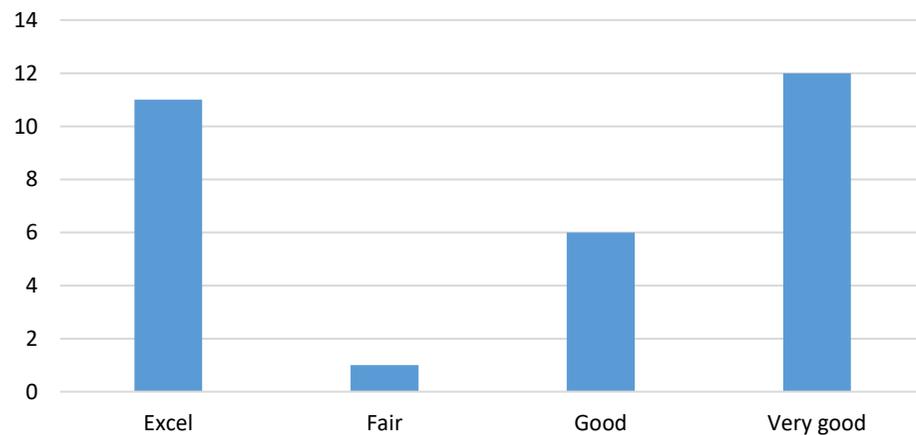
Count of RELEVANCE OF MATERIAL TO TOPICS SET



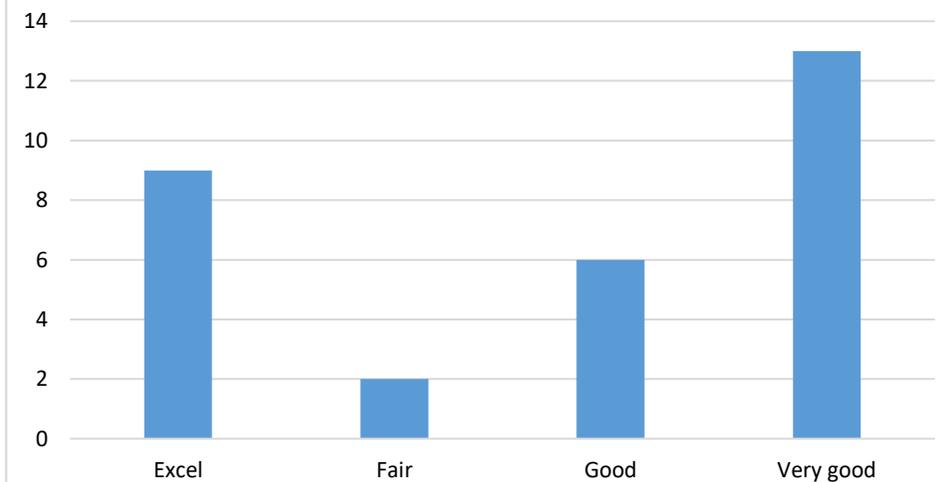
Count of The material presented indicated the speaker's knowledge and understanding of the subject was :



Count of Did the speaker answer the questions well, giving concise and informative replies ?



Count of The total effect achieved was :



**Students Feedback on Skill Development Programme on “Electric Vehicles Design and Assembly” During 2019-2020 Odd Semester**

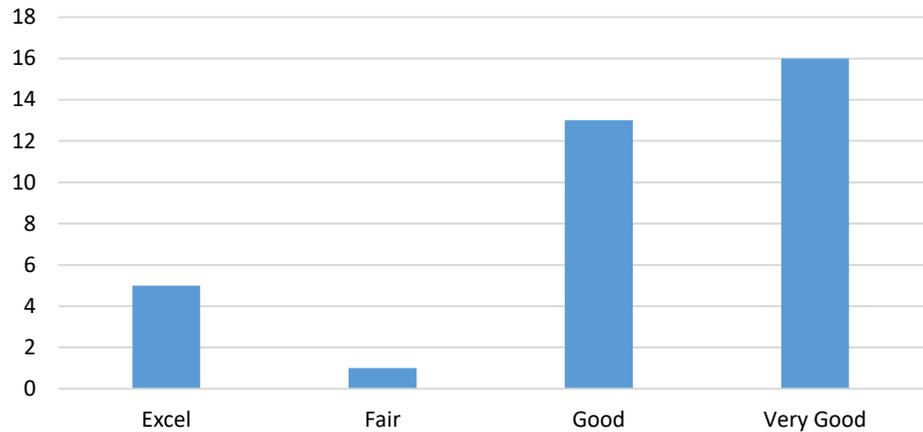
**B. Tech EN V Semester**

**Number of Students: 35**

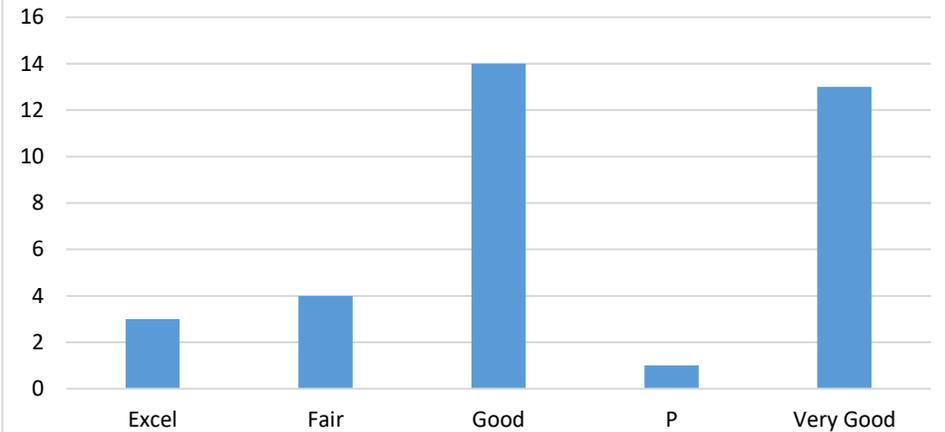
YEAR	ROLL NO.	CLARITY: Point made clearly & without unnecessary details ?	SEQUENCE: Points presented in logical easy-to-flow sequence ?	SUITABILITY : Technology and the degree of technical details suitable to this audience ?	COVERAGE OF TOPICS :	RELEVANCE OF MATERIAL TO TOPICS SET	The material presented indicated the speaker's knowledge and understanding of the subject was :	Did the speaker answer the questions well,giving concise and informative replies ?	The total effect achieved was :
3	1702921147	Very Good	Good	Very Good	Good	Very Good	Good	Very Good	Good
3	1702921003	Very Good	Good	Very Good	Very Good	Very Good	Very Good	Good	Good
3	1702921063	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
3	1702921020	Good	Good	Fair	Very Good	Good	Fair	Good	Fair
3	1702921037	Very Good	Good	Good	Very Good	Good	Very Good	Good	Good
3	1702921058	Good	Very Good	Good	Excel	Fair	Very Good	Very Good	Good
3	1702921140	Very Good	Good	Very Good	Good	Very Good	Good	Very Good	Very Good
3	1702921053	Good	Fair	Good	Good	Fair	Good	Fair	Good
3	1702921082	Fair	Good	Good	Fair	Very Good	Good	Excel	Good
3	1702921085	Good	Good	Fair	Good	Good	Good	Good	Fair
3	1702921019	Good	Good	Fair	Good	Good	Fair	Good	Good
3	1702921086	Good	Fair	Fair	Fair	Fair	Good	Good	Good
3	1702921094	Good	Good	Very Good	Very Good	Very Good	Good	Good	Good
3	1702921081	Good	Fair	Good	Very Good	Good	Very Good	Very Good	Good
3	1702921141	Good	Fair	P	P	Good	Fair	Fair	P
3	1702921131	Excel	Excel	Excel	Very Good	Excel	Very Good	Excel	Very Good
3	1702921163	Very Good	Good	Very Good	Very Good	Very Good	Very Good	Very Good	Good
3	1702921070	Very Good	Good	Good	Good	Good	Good	Good	Good
3	1802921906	Very Good	Very Good	Very Good	Good	Good	Very Good	Good	Very Good
3	1702921089	Good	P	Good	Very Good	Excel	Good	Very Good	Good
3	1702921069	Very Good	Good	Very Good	Good	Very Good	Good	Good	Very Good
3	1702921078	Very Good	Good	Good	Very Good	Very Good	Excel	Excel	Very Good
3	1702921105	Very Good	Very Good	Good	Very Good	Good	Very Good	Very Good	Very Good
3	1702921071	Very Good	Very Good	Good	Fair	Good	Very Good	Very Good	Good

3	1702921077	Excel	Very Good	Excel	Very Good	Very Good	Excel	Excel	Very Good
3	1702921901	Good	Very Good	Good	Very Good	Good	Very Good	Very Good	Very Good
3	1702921090	Good	Good	Excel	Very Good	Very Good	Excel	Very Good	Very Good
3	1702921087	Good	Very Good	Very Good	Good	Good	Very Good	Very Good	Very Good
3	1702921054	Very Good	Excel	Excel					
3	1702921064	Very Good	Good	Very Good					
3	1702921044	Excel	Very Good	Very Good	Very Good	Good	Excel	Very Good	Very Good
3	1702921102	Excel	Very Good	Very Good	Good	Good	Very Good	Very Good	Good
3	1702921047	Very Good	Very Good	Excel	Excel	Very Good	Very Good	Excel	Excel
3	1702921134	Very Good	Excel	Very Good	Very Good	Excel	Excel	Excel	Very Good
3	1702921133	Excel	Excel	Very Good	Very Good	Excel	Excel	Excel	Excel

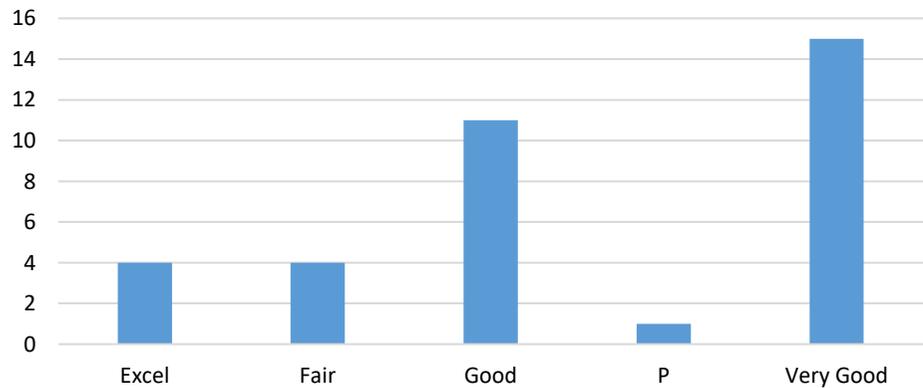
Count of CLARITY: Point made clearly & without unnecessary details ?



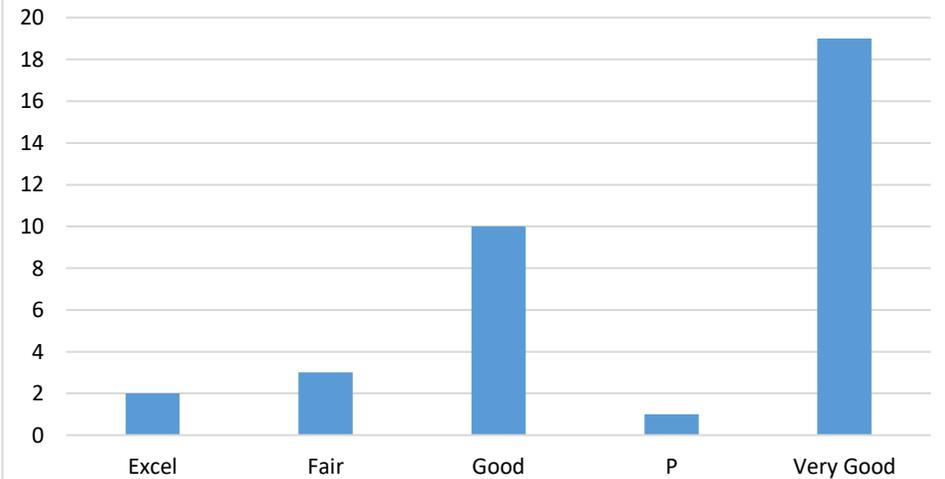
Count of SEQUENCE: Points presented in logical easy-to-flow sequence ?



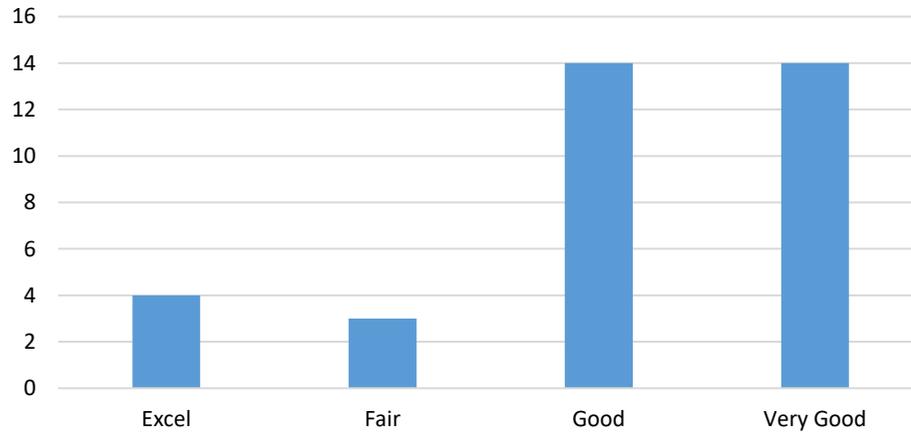
Count of SUITABILITY : Technology and the degree of technical details suitable to this audience ?



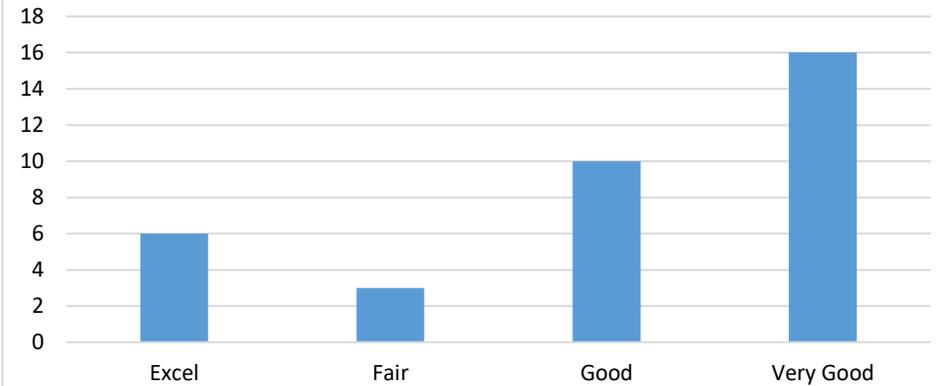
Count of COVERAGE OF TOPICS :



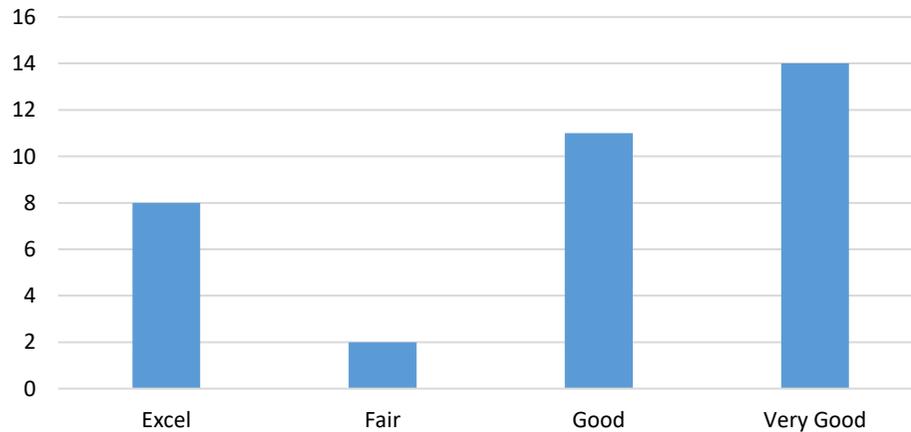
Count of RELEVANCE OF MATERIAL TO TOPICS SET



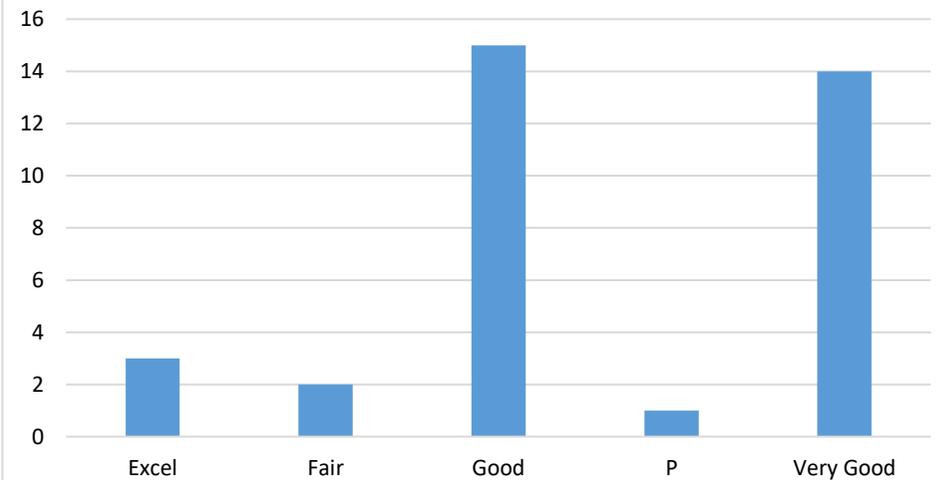
Count of The material presented indicated the speaker's knowledge and understanding of the subject was :



Count of Did the speaker answer the questions well,giving concise and informative replies ?



Count of The total effect achieved was :











NOTE

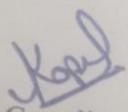
Department of EN is planning to conduct a **One-week Short Term Training Programme on "Modelling and Simulations of Renewable Energy Systems and Integration"** in KIET Campus during **06<sup>th</sup> January to 10<sup>th</sup> January 2020**. The programme will be technically sponsored by IEEE PES/IAS Joint Chapter Uttar Pradesh Section. The mentioned program deals with the new challenging issue of system modeling and design development in field of renewable energy integration. The increasing demand of green energy integration required to understand some new technologies and its application methodologies. In other words, the understanding of modelling and simulation of these technologies are needed for practicing technician to achieve fast and accurate solutions during the operations.

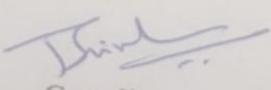
In our campus (KIET), we have an opportunity to conduct training courses based on mentioned topics for B. Tech Students during lean period or academic breaks. Thus, the department has planned to conduct the mentioned school. Winter school is a skill development and training program in which experts will teach the modelling and designing concepts of various Renewable Energy Systems. After attending the event, the student will able to design and develop some research models based on these technology. The registration fee is **Rs. 300/- (50% fee waiver for KIET students)** and maximum number of students participating in the school is limited to 25 students. The event will be open of all and students from various other institutions may participate.

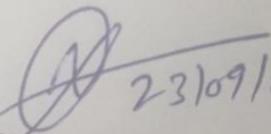
The event organizers requires following supports from KIET regarding the conduction of event:

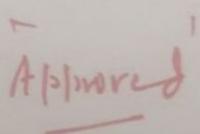
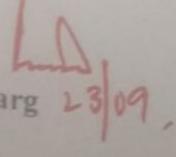
- ✓ • CAD LAB of the department of EN with PA system and projector system.
- ✓ • Centre of Excellence for Power Engineering Technologies and Clean Energy Integration of department of EN with PA system and Projector system.
- ✓ • Certificate Printing: 40

Therefore, regarding the same, it is requested to grant an approval to conduct the mentioned school in KIET Ghaziabad campus and provide necessary facilities for school organizers.

  
Co-Coordinator  
Mr. Kapil Gandhi  
Assistant Professor  
Department of EN

  
Coordinator  
Dr. Brijesh Singh  
Associate Professor-Research  
Department of EN

  
Dr. Neeraj Gupta  
Head & Convener  
Department of EN

  
Approved  
  
Dr. (Col) A. Garg 23/09  
Director  
(for kind approval)

**A Short Term Training Programme  
On  
Modelling and Simulations of  
Renewable Energy Systems and  
Integration  
(January 06-10, 2020)**

Co-Sponsored by

**Organized By**

**Department of Electrical & Electronics Engineering  
in association with  
KIET IEEE Student Branch**

**Organizing Head**

**Dr. Neeraj Kumar Gupta, Chair, Head of Department**

**Coordinator**

**Dr. Brijesh Singh**  
Associate Professor

**Co-Coordinator**

**Mr. Kapil Gandhi**  
Assistant Professor

**Objective**

The mentioned program deals with the new challenging issue of system modeling and design development in field of renewable energy integration. The increasing demand of green energy integration required to understand some new technologies and its application methodologies. In other words, the understanding of modelling and simulation of these technologies are needed for practicing technician to achieve fast and accurate solutions during the operations.

The STTP on **Modelling and Simulations of Renewable Energy Systems and Integration** is a skill development and training program in which experts will teach the modelling and simulation (theoretically and their practical approaches) of various electrical systems such as power systems, power electronics, electrical drives, signal and systems etc. After attending the event, students' will be able to design and develop some research models based on these technologies.

**Registration Fee**

The registration fee for the students (UG, PG and Research Scholars) is **Rs. 300/-**. A maximum number of students participating in the school is limited to 25 students. Acceptance of registration in STTP is on first come first serve basis. All participants are requested to complete registration before **20<sup>th</sup> December 2019**. The registration fee does not include any accommodation facility in the campus. *(Please submit registration form to the coordinators by December 20, 2019.)*

**Important Dates**

<b>Registration Started:</b>	<b>December 01, 2019</b>
<b>Last date of registration:</b>	<b>December 20, 2019</b>
<b>Starting of STTP:</b>	<b>January 06, 2020</b>
<b>Ending of STTP:</b>	<b>January 10, 2020</b>

**Student Coordinators:**

Ms. Pragati Singh (9792572510 singhpragati135@gmail.com)  
Mr. Shashwat Dwivedi (9838385846 shashwatd645@gmail.com)  
Mr. Akash Tripathi (9794211008 akatripathi11@gmail.com)

**A Short Term Training Programme  
On  
Modelling and Simulations of Renewable Energy Systems and  
Integration**

(January 06-10, 2020)

Jointly Organized by  
Department of Electrical & Electronics Engineering  
in association with  
IEEE PES/IAS Joint Chapter Uttar Pradesh Section & KIET IEEE Student Branch

**Programme Schedule**

Date	Time	Event	Venue
06/01/2020	10:00 am – 10:30 am	Registration	Centre of Excellence CEPET&CEI (Room No. A-016)
	10:30 am – 11:00 am	Inaugural Ceremony	
	11:00 am – 11:15 am	Tea Break	
	11:15 am – 12:30 pm	Introduction to STTP by Dr. Brijesh Singh	
	12:30 pm – 1:30 pm	Lunch Break	
	01:30 pm – 03:30 pm	Talk on “Fundamentals of electrical engineering using MATLAB” by Dr. Nitin Kumar Saxena	
07/01/2020	10:00 am – 12:30 am	Lab Session and hands-on training on “MATLAB/SIMULINK” by Dr. Nitin Kumar Saxena	
	12:30 pm – 1:30 pm	Lunch Break	
	01:30 pm – 03:30 pm	Talk and Discussions on “Introduction to electrical energy system” by Prof. Kapil Gandhi	
08/01/2020	10:00 am – 12:30 am	Talk and Discussions on “Recent advances and developments in Electrical Engineering and use of MATLAB platform” by Dr. Brijesh Singh	
	12:30 pm – 1:30 pm	Lunch Break	
	01:30 pm – 03:30 pm	Demonstration of some MATLAB based experiments and projects by Dr. Brijesh Singh	
09/01/2020	10:00 am – 11:00 am	Talk and Discussions by Expert from IIT Kanpur	
	11:00 am – 11:15 am	Tea Break	
	11:15 am – 12:30 pm	Talk and Discussions by Expert from IIT Kanpur	
	12:30 pm – 1:30 pm	Lunch Break	
	01:30 pm – 03:30 pm	Lab Session and hands-on training	
10/01/2020	10:00 am – 11:15 am	Lab Session and hands-on training on “Solar Research and Training Simulator” by Prof. Kapil Gandhi	
	11:15 am – 12:30 pm	Lab Session and hands-on training on “Wind Power Generation System and Emulator” by Dr. Brijesh Singh	
	12:30 pm – 1:30 pm	Lunch Break	
	02:30 pm – 04:00 pm	Valedictory Session and workshop discussion	

(Dr. Neeraj Kumar Gupta)  
Chairman  
Short Term Training Programme

(Dr. Brijesh Singh)  
Coordinator  
Short Term Training Programme

**WINTER INTERNSHIP ON MODELLING AND SIMULATION OF RENEWABLE ENERGY SYSTEM & INTEGRATION****(06-10 January 2020)**

organized by

**Department of Electrical and Electronics Engineering****in association with KIET IEEE Student Branch****Cosponsored by IEEE PES/IAS Joint Chapter Uttar Pradesh Section**

<b>SR.N O.</b>	<b>STUDENT NAME</b>	<b>YEAR</b>	<b>UNIVERSITY ROLL NO.</b>	<b>CONTACT NO.</b>	<b>TRANSACTION ID.</b>	<b>DAY SCHOLAR / HOSTELER</b>	<b>Reporting (06/01/2020)</b>
1	Lakshay kumar	1	1923cs1063	9205845754	27694212578	DAY SCHOLAR	
2	Kishor Rajput	1	1923en1085	8171153799	27730396426	HOSTELER	
3	Gaurav Tripathi	1	1923co1100	8004461624	27730392888	HOSTELER	
4	Ashish Pandey	1	1923csi1045	6306866339	27730400686	HOSTELER	
5	Gaurav Mishra	1	1923en1093	7037760662	27732221094	HOSTELER	
6	Alok Kumar	1	1923en1131	7309483201	27732347979	HOSTELER	
7	Isha Singh	1	1923co1124	6306749866	27723470523	HOSTELER	
8	Harshita Agarwal	1	1923co1032	8303125326	27685461359	HOSTELER	
9	Pratik Kumar	1	1923ec1178	8810386988	27737001345	DAY SCHOLAR	
10	Shristy Sharma	1	1923cs1162	9891144329	27685525811	HOSTELER	
11	Shubhangi	1	1923en1160	9582438188	27686707351	HOSTELER	
12	Yash choudhary	1	1923en1106	9667385869	27686725158	DAY SCHOLAR	
13	Tanya Varshney	1	1923ec1097	9870822148	9.34844E+11	HOSTELER	
14	Akash Tiwari	1	1923co1060	8810493026	27924972479	DAY SCHOLAR	
15	Shaumitra Sahu	1	1923ec1183	9473691948	2.79249E+11	DAY SCHOLAR	
16	Priyanshu Shukla	1	1923ei1012	6307513083	27924937187	DAY SCHOLAR	
17	Prashant Singh	1	1923it1158	6387166042	27953150927	DAY SCHOLAR	
18	Ayushi tyagi	1	1923co1132	9119090722	27914875477	HOSTELER	
19	Vanshika Namdev	1	1923ec1202	9119085541	27914893296	HOSTELER	
20	Aryan kakran	1	1923ec1181	7409856771	CASH	DAY SCHOLAR	

21	Kartik Tyagi	1	1923me1027	9958362140	27860524101	DAY SCHOLAR	
22	Vibhu Bhardwaj	1	1923EN1025	8533049109	27954475617	DAY SCHOLAR	
23	Sanskriti sharma	2	1822en1140	7678657463	28198886509	DAY SCHOLAR	
24	Varun Kumar	1	1923EN1003	8433020340	CASH	DAY SCHOLAR	
25	Devansh kumar srivastava	1	1923EN1013	8299855857	9.35238E+11	HOSTELER	
26	Anchal Kumar Singh	1	1923en1086	8795669583	9.35238E+11	HOSTELER	
27	Devansh shyam						
28	Sunny shiwaliya	1	1923EN1138	9897786924	CASH	DAY SCHOLAR	
29	rishav garg						
30	sameer verma						
31	vishal singh						
32	sparsh kapoor						
33	Geetika titoria	1	1923IT1183	9821051610	CASH	DAY SCHOLAR	

Cell: B12

Note: Gaurav Mishra

- GAURAV MISHRA
- \_Marked as resolved\_
- KISHOR RAJPUT
- \_Re-opened\_
- GAURAV MISHRA

S.No.	Date	Activity	Source/Destination	Wallet Txn ID
1	19-12-19 12:50	Payment received	Order #SM_4F2A21EFD5BF2AB7	27954475617
2	19-12-19 11:34	Payment received	Order #SM_822F732243096313	27953150927
3	17-12-19 14:04	Payment received	Order #SM_BB5483114CF2B93B	27924972479
4	17-12-19 14:03	Payment received	Order #SM_DB260D0727B63D51	27924937187
5	17-12-19 14:00	Payment received	Order #SM_64B502FC4092CC23	27924878170
6	16-12-19 19:39	Payment received	Order #SM_BD3D9F325D7A2016	27914893296
7	16-12-19 19:38	Payment received	Order #SM_FE61EAE119DC9373	27914875477
8	13-12-19 11:46	Payment received	Order #SM_1F36796083A0151B	27860524101
9	06-12-19 14:11	Payment received	Order #SM_B4097C0F24288CB2	27753175986
10	05-12-19 14:37	Payment received	Order #SM_4070ED6BBC523D08	27737001345
11	05-12-19 13:25	Payment received	Order #SM_70961477FBD24EE8	27735488093
12	05-12-19 10:35	Payment received	Order #SM_0A499BE27961A8C5	27732347979
13	05-12-19 10:27	Payment received	Order #SM_9DC5B352360A3A4E	27732221094
14	05-12-19 7:45	Payment received	Order #SM_3FFB3CC456C1D2BC	27730400686
15	05-12-19 7:44	Payment received	Order #SM_0006FB1C76F4F2B8	27730396426
16	05-12-19 7:43	Payment received	Order #SM_6ADAA00366E41C5F	27730392888
17	04-12-19 17:58	Payment received	Order #SM_62D7162901784689	27723470523
18	02-12-19 22:09	Payment received	Order #SM_02BD451DE5E07FBA	27694212578
19	02-12-19 15:21	Payment received	Order #SM_217CD6F478D75AA4	27686725158
20	02-12-19 15:20	Payment received	Order #SM_1B29414C22633CF5	27686707351
21	02-12-19 14:17	Payment received	Order #SM_78DD40F131FBF0E7	27685525811
22	02-12-19 14:14	Payment received	Order #SM_365419FE0D61F5E0	27685461359

Comment	Credit Status
From: HIMANSHU SHARMA To: KAPIL GANDHI	150 SUCCESS
From: Prashant Singh To: KAPIL GANDHI	150 SUCCESS
From: SHAUMITRA SAHU To: KAPIL GANDHI	150 SUCCESS
From: SHAUMITRA SAHU To: KAPIL GANDHI	150 SUCCESS
From: SHAUMITRA SAHU To: KAPIL GANDHI	150 SUCCESS
From: Raman To: KAPIL GANDHI	150 SUCCESS
From: Raman To: KAPIL GANDHI	150 SUCCESS
From: KARTIK TYAGI To: KAPIL GANDHI	150 SUCCESS
From: Hemant gautam To: KAPIL GANDHI	150 SUCCESS
From: anita To: KAPIL GANDHI	150 SUCCESS
From: GAURAV TRIPATHI To: KAPIL GANDHI	150 SUCCESS
From: MAYANK UPADHYAY To: KAPIL GANDHI	150 SUCCESS
From: Kirti Vardhan To: KAPIL GANDHI	150 SUCCESS
From: GAURAV TRIPATHI To: KAPIL GANDHI	150 SUCCESS
From: GAURAV TRIPATHI To: KAPIL GANDHI	150 SUCCESS
From: GAURAV TRIPATHI To: KAPIL GANDHI	150 SUCCESS
From: GAURAV TRIPATHI To: KAPIL GANDHI	150 SUCCESS
From: lakshay kumar To: KAPIL GANDHI	150 SUCCESS
From: SHUBHANGI To: KAPIL GANDHI	150 SUCCESS
From: SHUBHANGI To: KAPIL GANDHI	150 SUCCESS
From: RAHUL AGARWAL To: KAPIL GANDHI	150 SUCCESS
From: RAHUL AGARWAL To: KAPIL GANDHI	150 SUCCESS



**A Short Term Training Programme  
On  
Modelling and Simulations of  
Renewable Energy Systems and  
Integration  
(January 06-10, 2020)**



**Organized By  
Department of Electrical & Electronics Engineering  
in association with  
KJET IEEE Student Branch**





(An ISO-9001:2008 Certified Institute)  
Affiliated to AKTU, Lucknow

## Online Summer Internship programme On

## Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)

Stating Date 11<sup>th</sup> May 2020 (Duration 100 hrs)

Jointly Organized by

**KIET Centre of Excellence for Power Engineering Technologies and Clean Energy Integration  
(CEPET&CEI)**

Department of Electrical and Electronics Engineering  
KIET Group of Institutions, Ghaziabad, Uttar Pradesh-201206, India

Knowledge Partner

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### Organizing Committee

### Objective of Internship

#### Patrons

**Dr. (Col) A Garg**

Director

KIET Group of Institutions

**Dr. Manoj Goel**

Joint Director

KIET Group of Institutions

#### Chair

**Dr. Neeraj Kumar Gupta**

Professor & Head

Department of Electrical & Electronics Engineering

#### Co-Chair

**Dr. Arvind Kumar Sharma**

Professor & Additional Head

Department of Electrical & Electronics Engineering

#### Coordinator

**Dr. Brijesh Singh**

Associate Professor & Convener, KIET CEPET&CEI

Department of Electrical & Electronics Engineering

(+91-8377825935, brijesh.singh@kiet.edu)

The rapid growth of the power industry and green energy technologies will increase the job opportunities and required high scaled skill hands in this area. India ranks as one of the largest countries in renewable energy production which includes significantly use of wind, solar, biomass, etc. The resource augmentation and its use in energy technologies have not been kept in pace to match the increasing energy demand, leaving significant energy shortages in India. The online Internship Programme would provide a platform for participants to gain knowledge in the state of art technologies of Renewable Energy Integrated Power Systems and AI applications during pandemic lockdown situation of COVID-19. The programme will address in-depth knowledge on based software-based projects based on AI applications such as renewable energy forecasting, supply and demand matching, performance analysis, operation and control, optimizing renewable energy production, AI for power producers and consumers etc. The internship will also include the awareness and demonstration of application-based software used in power engineering applications such as *Proteus*, *OPAL-RT Lab*, *Typhoon HIL*, *DIgSILENT Power Factory*, and *Power World Simulator*. In this event, some technical talks will also be delivered by the academicians, researchers and industry personals through webinars. The objective of this event is to provide a detailed knowledge about modern power engineering practices and hands-on experience to the participants. The main objective of the internship is to aware the participants with modern power engineering practices and improve their problem-solving ability. The participants will be able to design and develop mini projects based on power engineering technologies including renewable energy system.

### Registration

No registration fee is required to register in the internship programme. All participants are requested to registered for the event by filling the google form before **05<sup>th</sup> May 2020**. The link of Google Form:

[https://docs.google.com/forms/d/1eHcasJ\\_LoXZq-S3AwypF40Oz1kVnOz9Mx3hznBIKEAw/edit?usp=sharing](https://docs.google.com/forms/d/1eHcasJ_LoXZq-S3AwypF40Oz1kVnOz9Mx3hznBIKEAw/edit?usp=sharing)

### Important Dates

Registration Started	<b>May 04, 2020</b>
Last date of registration	<b>May 09, 2020</b>
Starting of Internship	<b>May 11, 2020</b>
Final Assessment Test and End of Internship	<b>After completion of 100 hrs.</b>

*Note: As per AICTE norms minimum 90 hrs course duration is required to fulfil the internship*

### Programme Details

The program is designed as per Internship guidelines of AICTE-2020 for B. Tech 2<sup>nd</sup> and 3<sup>rd</sup> Year Students of EE, ECE and CSE Branches. The programme includes online lectures; expert talks; webinars; demonstration of various software-based project development and application software; daily assignments; writing reports, case studies and research manuscripts, idea presentations; and panel & group discussion. The internship is executed in the modular form including the number of sessions

daily. The internship sessions are scheduled on daily basis (except Saturday and Sunday) and participants are mandatory to attend all the scheduled sessions and assignments to the coordinator through on-line submission. Also, requested to maintain a Daily Diary/Daily Log as per Internship guidelines of AICTE-2020. All participants are advised to pass the Final Assessment Test which is will be conducted at the end of the internship. The participant will be eligible to obtain the certificate after successful completion of the internship and final assessment test with minimum (50%) qualifying percentage. The complete schedule will be provided after registration in the internship programme. These are the following modules with details of sessions.

**Module I: Power System Technologies (12 hrs)**

- Session 1** Lecture Session (03 hrs)
- Session 2** Software-based experiments (03 hrs)
- Session 3** Assignments/Problem Solving/Simulations based Sessions (06 hrs)

**Module III: Renewable Energy Systems (08 hrs)**

- Session 1** Lecture (02 hrs)
- Session 2** Expert Talk (01 hr)
- Session 3** Assignments/Problem Solving/Simulations based Sessions (05 hrs)

**Module V: Simulation based Projects (14 hrs)**

- Session 1** Project Demonstrations (08 hrs)
- Session 2** Expert Talk (01 hr)
- Session 3** Assignments/Problem Solving/Simulations based Sessions (05 hrs)

**Module VII: Artificial Intelligence and Power Industry (10 hrs)**

- Session 1 Lecture (04 hr)
- Session 2 Expert Talk (01 hr)
- Session 3 Assignments/Problem Solving/Simulations based Sessions (05 hrs)

**Module IX: Presentations/Group and Panel Discussions (04 hrs)**

**Module II: Industrial Power Electronics and Control (16 hrs)**

- Session 1** Lecture Session (04 hrs)
- Session 2** Software-based experiments (04 hrs)
- Session 3** Assignments/Problem Solving/Simulations based Sessions (08 hrs)

**Module IV: Advances in Power Industry Practices (10 hr)**

- Session 1** Lecture (03 hrs)
- Session 2** Expert Talk (01 hr)
- Session 3** Assignments/Problem Solving/Simulations based Sessions (06 hrs)

**Module VI: Introduction to Artificial Intelligence (12 hrs)**

- Session 1** Lecture (03 hr)
- Session 2** Software demonstration (03 hrs)
- Session 3** Assignments/Problem Solving/Simulations based Sessions (06 hrs)

**Module VIII: AI based Power Systems Projects (14 hrs)**

- Session 1 Project Demonstrations (08 hrs)
- Session 2 Expert Talk (01 hr)
- Session 3 Assignments/Problem Solving/Simulations based Sessions (05 hrs)

**Module IX: Writing of Reports/Research Manuscripts**

**For Details**

**Student Volunteers KIET IEEE Student Branch**

- Ms. Pragati Singh: +91-9792572510
- Mr. Shashwat Dwivedi: +91-9838385846
- Mr. Akash Tripathi: +91-9794211008
- Mr. Samarth Shukla: +91-79054 97586



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(An ISO-9001:2008 Certified Institute)  
Affiliated to AKTU, Lucknow

## Programme Schedule

### Online Summer Internship programme On

### Power Industry Practices and Applications of Artificial Intelligence

(State of Art to Project Development)

Stating Date 11<sup>th</sup> May 2020 (Duration 100 hrs)

Jointly Organized by

**KIET Centre of Excellence for Power Engineering Technologies and Clean Energy Integration  
(CEPET&CEI)**

Department of Electrical and Electronics Engineering  
KIET Group of Institutions, Ghaziabad, Uttar Pradesh-201206, India

Knowledge Partner

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### Inaugural Day Sessions

Day	Session	Time	Duration	Topic
11 <sup>th</sup> May (Day 1)	Inaugural Session	10:00 AM to 11:30 AM	1.5 hr	Inaugural Session
	Introduction Session	11:30 AM to 12:30 PM	1 hr	Introduction to Internship programme by Dr. Brijesh Singh

### Module I: Power System Technologies (12 hrs)

Day	Session	Time	Duration	Topic	Expert
11 <sup>th</sup> May (Day 1)	Lecture Session	01:00 PM to 02:30 PM	1.5 hrs	Electric Power Transmission & Distribution System: An Overview	Dr. Brijesh Singh, KIET
	Problem Solving Session	03:00 PM to 07:00 PM	4 hrs	Case study based assignments on power transmission & distribution systems	To be allotted by coordinator
12 <sup>th</sup> May (Day 2)	Lecture Session	10:00 AM to 11:30 AM	1.5 hrs	Introduction to Advance Power Systems	Dr. Brijesh Singh, KIET
	Problem Solving Session	03:00 PM to 07:00 PM	4 hrs	Case study based assignments on advance power systems	To be allotted by coordinator

*Inaugural Sessions (01 hr)*

### Module II: Industrial Power Electronics and Control (16 hrs)

Day	Session	Time	Duration	Topic	Expert
13 <sup>th</sup> May (Day 3)	Lecture Session	10:00 AM to 11:30 AM	1.5 hrs	Basic Understanding Towards Control Systems	Prof. Masood Rizvi, KIET
	Demonstration of Software-based experiments	01:30 PM to 03:00 PM	1.5 hrs	Modelling and analysis of a control system including PID controller.	Dr. Brijesh Singh, KIET
	Problem Solving Session	03:30 PM to 06:30 PM	3 hrs	Case study based assignments on PID control and time response analysis of control systems.	To be allotted by coordinator
14 <sup>th</sup> May (Day 4)	Lecture Session	10:00 AM to 11:30 AM	1.5 hrs	Introduction to Power Electronics and Applications	Dr. Surya Prakash, Thaper University
	Demonstration of Software-based experiments	01:30 PM to 03:00 PM	1.5 hrs	Modelling and simulation of a power electronics circuit.	Dr. Brijesh Singh, KIET

	Problem Solving Session	03:30 PM to 06:30 PM	3 hrs	Case study based assignments on power electronics circuit simulations	To be allotted by coordinator
15 <sup>th</sup> May (Day 5)	Lecture Session	10:00 AM to 11:00 AM	2 hr	Advances in Industrial Power Electronics and Applications	Dr. Shruti Pandey, KIET
	Problem Solving Session	02:00 PM to 04:00 PM	2 hrs	Case study based assignments on advance power electronics circuit simulations	To be allotted by coordinator

### Module III: Renewable Energy Systems (08 hrs)

Day	Session	Time	Duration	Topic	Expert
18 <sup>th</sup> May (Day 6)	Lecture Session	10:00 AM to 11:00 AM	1 hr	Renewable Energy Systems: <i>A Review</i>	Prof. Rahat Ullah Khan, KIET
	Project Demonstration Session	11:30 AM to 12:30 PM	1 hr	Demonstration of renewable energy based domestic project: <i>A Case Study</i>	Prof. Rahat Ullah Khan, KIET
	Problem Solving Session	03:00 PM to 05:00 PM	1.5 hrs	Case study based assignments on renewable energy systems	To be allotted by coordinator
19 <sup>th</sup> May (Day 7)	Lecture Session	10:00 AM to 11:00 AM	1 hr	Renewable Energy Systems and Power Industry	Prof. Ashish D. Thombre, KIET
	Project Demonstration Session	11:30 AM to 12:30 PM	1 hr	Demonstration of renewable energy integrated industrial project: <i>A Case Study</i>	Prof. Ashish D. Thombre, KIET
	Problem Solving Session	03:00 PM to 05:00 PM	1.5 hrs	Case study based assignments on renewable energy integrated industrial project	To be allotted by coordinator
<b>Expert Talk (01 hr): Will be announced during session</b>					

### Module IV: Advances in Power Industry Practices (10 hr)

Day	Session	Time	Duration	Topic	Expert
20 <sup>th</sup> May (Day 8)	Lecture Session	10:00 AM to 11:30 AM	1 hr	Emerging Trends in Power Systems: <i>Current practices and Research Opportunities</i>	Dr. Brijesh Singh, KIET
	Project Demonstration Session	02:00 PM to 03:30 PM	1.5 hrs	Demonstration of load flow analysis of power networks using MATPOWER	Mr. Deepak Yadav, Malaya University
	Problem Solving Session	03:00 PM to 05:00 PM	2 hrs	Case study based assignments	To be allotted by coordinator
21 <sup>st</sup> May (Day 9)	Lecture Session	10:00 AM to 11:30 AM	1 hr	Ancillary Services in Power Systems	Dr. Nitin Kumar Saxena, KIET
	Project Demonstration Session	02:00 PM to 03:30 PM	1.5 hrs	Demonstration of Advance Research Project in Power Systems	Mr. Prashant Kumar Srivastava, Malaya University
	Problem Solving Session	03:00 PM to 05:00 PM	2 hrs	Case study based assignments	To be allotted by coordinator
<b>Expert Talk (01 hr): Will be announced during session</b>					

### Module V: Simulation based Projects (14 hrs)

Day	Session	Time	Duration	Topic	Expert
22 <sup>nd</sup> May (Day 10)	Project Demonstration	10:00 AM to 12:00 AM	2 hrs	Design and Operational Strategy of Induction Machine as generator and motor: Part 1	Dr. Nitin Kumar Saxena, KIET
	Project Demonstration	02:00 PM to 04:00 PM	2 hrs	Design and Operational Strategy of Induction Machine as generator and motor: Part 2	Dr. Nitin Kumar Saxena, KIET
	Problem Solving	03:00 PM to 05:00 PM	2.5 hrs	Case study based assignments	To be allotted by coordinator

Day	Session	Time	Duration	Topic	Expert
25 <sup>th</sup> May (Day 10)	Project Demonstration	10:00 AM to 12:00 AM	2 hrs	Solar Thermal Power Generation	Prof. Rahat Ullah Khan, KIET
	Project Demonstration	02:00 PM to 04:00 PM	2 hrs	Modelling and Simulation of Induction Motor Drive	Dr. Ambrish Devanshu
	Problem Solving Session	03:00 PM to 05:00 PM	2.5 hrs	Case study based assignments	To be allotted by coordinator
<i>Expert Talk (01 hr): Will be announced during session</i>					

### Module VI: Introduction to Artificial Intelligence (12 hrs)

Day	Session	Time	Duration	Topic	Expert
26 <sup>th</sup> May (Day 11)	Lecture Session	10:00 AM to 11:30 AM	1.5 hrs	Introduction to Artificial Intelligence: Part 1	Dr. Brijesh Singh, KIET
	Software Demonstration	01:30 PM to 03:00 PM	1.5 hrs	Demonstration of Software used in AI Applications	Mr. Arpit Bhusan Sharma
	Problem Solving	03:30 PM to 06:30 PM	3 hrs	Basic understanding based assignments AI	To be allotted by coordinator
27 <sup>th</sup> May (Day 12)	Lecture Session	10:00 AM to 11:30 AM	1.5 hrs	Demonstration of Software used in AI Applications	Mr. Sandeep Tiwari
	Software Demonstration	01:30 PM to 03:00 PM	1.5 hrs	Demonstration of Software used in AI Applications	Mr. Sandeep Tiwari
	Problem Solving	03:30 PM to 06:30 PM	3 hrs	Basic understanding based assignments AI	To be allotted by coordinator

### Module VII: Artificial Intelligence and Power Industry (10 hrs)

Day	Session	Time	Duration	Topic	Expert
28 <sup>th</sup> May (Day 13)	Lecture Session	10:00 AM to 12:00 PM	2 hrs	Applications of AI in Power Transmission & Distribution	Dr. Brijesh Singh, KIET
	Problem Solving	02:00 PM to 04:30 PM	2.5 hrs	Case study based assignments	To be allotted by coordinator
29 <sup>th</sup> May (Day 14)	Lecture Session	10:00 AM to 12:00 AM	2 hrs	Application of AI in Renewable Energy based Power Projects	Dr. Brijesh Singh, KIET
	Problem Solving	02:00 PM to 04:30 PM	2.5 hrs	Case study based assignments	To be allotted by coordinator
<i>Expert Talk (01 hr): Will be announced during session</i>					

### Module VIII: AI based Power Systems Projects (14 hrs)

Day	Session	Time	Duration	Topic	Expert
01 <sup>st</sup> June (Day 15)	Project Demonstration	10:00 AM to 12:00 AM	2 hrs	AI applications in power system operation & control	Dr. Surya Prakash, Thaper University
	Project Demonstration	02:00 PM to 04:00 PM	2 hrs	Project 1	Industry personnel/ Research Scholar
	Problem Solving	03:00 PM to 05:00 PM	2.5 hrs	Case study based assignments	To be allotted by coordinator
02 <sup>nd</sup> June (Day 16)	Project Demonstration	10:00 AM to 12:00 PM	2 hrs	Project 2	Industry personnel/ Research Scholar
	Project Demonstration	02:00 PM to 04:00 PM	2 hrs	Project 3	Industry personnel/ Research Scholar
	Problem Solving	03:00 PM to 05:00 PM	2.5 hrs	Case study based assignments	To be allotted by coordinator
<i>Expert Talk (01 hr): Will be announced during session</i>					

### Module IX: Presentations/Group and Panel Discussions (04 hrs)

Day	Session	Time	Duration	Topic
03 <sup>rd</sup> June (Day 17)	Group Presentations	10:00 AM to 01:00 PM	3 hrs	Will be finalized from students assignments

<b>04<sup>th</sup> June (Day 18)</b>	Panel Discussions	10:00 AM to 11:00 AM	1 hrs	“Requirements and Effectiveness of Online Internships in Technical Education”
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## Module X: Writing of Reports/Research Manuscripts

### Instructions for Participants

1. The online sessions will be organized on Google Meet platform with a recording of every session.
2. All the documentation, assignment submission, quizzes and assessments will be organized by Google Class.
3. The links of online sessions will be sent to the participants through mail on the respective registered email id before 30 min of the session.
4. Pre and post-assessment test will be conducted through google class during each session.
5. Quizzes will also be assigned during live sessions on respective google classes.
6. This is not in a fixed time slot during the session. It will be announced by the expert during the session.
7. Attendance during sessions will be considered on the basis of your responses submitted on google class.
8. The time for submitting quizzes is hardly 5 to10 minutes (subject to the experts' requirements).
9. As per AICTE guidelines, 90 hrs completion is compulsory for each participant.
10. All participants are mandatory to achieve 50% marks in assessments tests during the programme.
11. All participants are mandatory to join the sessions on time.
12. All the submitted reports and assignment copies will be checked for plagiarism. In case of more than 30% plagiarism, the submitted record will be cancelled.

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Timestamp	Email Address	Name of the Student (In Block Letters)	Father/Guardian Name	E-Mail Address	Phone / Mobile No.	Name of Institute and University	Branch	University Enrollment Num/Year	Semester	Address for Communication
5-3-2020 23:56:24	devagarwal1988@gmail.com	DEV AGARWAL	Mr Pawan Kumar Gupta	devagarwal1988@gmail.com	999716562	KIET Group of Institutions	EN	170292147 rd		6 307 Sadar Bazar Meent Cant
5-4-2020 23:57:51	nrlsh.1822en1088@kiet.edu	NITISH KUMAR	Dr. Nishant 1822en1088@kiet.edu	nrlsh.1822en1088@kiet.edu	7337502615	KIET GROUP OF INSTITUTIONS	EN	802921098 2nd	4th	VILLAGE: PADRAV MUNSHIPUR, POST : KUTTUPUR, THANA - NEWARHA, TEHSIL - MARIARA, District - Jaurpur, 222161
5-4-2020 6:19:47	shwamsh98@gmail.com	SHIVAM SHARMA	Mr. Shyam Sunder Sharma	shwamsh98@gmail.com	706056967	KIET GROUP OF INSTITUTIONS GHAZIABAD UTTAR PRADESH	EN	1802921146	2	4 Village anpost Bhanpur District Ghazabad
5-4-2020 7:19:47	kauchookh131019@gmail.com	KAUSHAL DEVI UPADHAYAY	K. Jyoti Prakash	kauchookh131019@gmail.com	626076371	KIET GROUP OF INSTITUTIONS	EN	802921098	2	Zenith, Ganeshpur, Bihar, Buxar, India (C.G.)
5-4-2020 7:31:45	akaashsrivastava90@gmail.com	AKAASH SRIVASTAVA	Praveen Srivastava	akaash.1822en1001@kiet.edu	9794821001	KIET Groups of Institution,Ghaziabad	EN	802921001	2	4 V/8 Dharanipur ,post : Khufhat , Mau (UP , 274603
5-4-2020 7:57:26	pinkverma2000@gmail.com	PINKI VERMA	SRU RANI VERMA	pinkverma2000@gmail.com	8794989933	KIET GROUP OF INSTITUTIONS,GHAZIABAD,U.P	EN	1802921102	2	4 Shrinagar daltappur,bahupur,277209
5-4-2020 8:17:57	samarthrao98@gmail.com	SAMARTH RAOKHILKA	Mr. Laxk Kumar Shukla	samarthrao98@gmail.com	790497386	KIET group of Institutions & MTU UNIVERSITY	Electrical and electronic	1802921136 2nd year	4th	4 V/803 Khatia Nagar ,khatpur, U.P
5-4-2020 9:03:00	akshatp11@gmail.com	AKASH TRIPATHI	Mr. Brijesh Tripathi	akshatp11@gmail.com	9794211008	KIET GROUP OF INSTITUTION	EN	802921021 2nd	4th	KIET group of Institution Muradnagar Ghazabad
5-4-2020 11:37:31	harsh.1721en1051@kiet.edu	Harsh Dubey	Rakesh Dubey	harsh.1721en1051@kiet.edu	987748056	KIET	EN	1702921054 3rd	6th	HOUSE NO.165,GOKULDHAM SOCIETY,VASUNDHARA SECTOR-12
5-4-2020 11:39:38	kumarakash2@gmail.com	SHUBHAM KUMAR	SHUBHAM KUMAR	903743504	KIET, AKTU		EN	802921153	2	4 Singh Sados, street no.4, Baramthapur, taluka road near gayatri patra, modnagar, ghazabad UP
5-4-2020 11:42:59	sanjitkrivastava19@gmail.com	ANKIT KUMAR SRIVASTAVA	DILEEP KUMAR SRIVAST	sanjitkrivastava19@gmail.com	7317502615	Kiet group of institutions Muradnagar ghazabad affiliate by AKTU	ECE	180291028	2	4 Plot no 34 O-1 block dwark Nagar yashoda Nagar khatpur
5-4-2020 11:43:28	prateeksingh0303@gmail.com	PRATEEK SINGH	Prabhat Kumar Singh	prateeksingh0303@gmail.com	7007909285	KIET GROUP OF INSTITUTIONS, AKTU	EN	802921114 2nd year	4th	V/II Bhabui, Post Sakhpura, Dist. Ballia, UP, 277304
5-4-2020 11:44:21	pramodp181299@gmail.com	BALRAM MAURYA	pramodp181299@gmail.com	9076731235	Kiet group of Institution ghazabad		EN	1.80292E+11	2nd year	Gorakhpur
5-4-2020 11:44:29	mayanngoyal24@gmail.com	MAYANK GOYAL	M. RAJENDRA GOYAL	mayank.1822en1081@kiet.edu	9897632833	KIET GROUP OF INSTITUTIONS,GHAZIABAD	CSE	180291096	2	4 MEERUTP
5-4-2020 11:45:21	singhragat13@gmail.com	PRAGATI SINGH	M. Mityraj Singh	singhragat13@gmail.com	976257510	KIET GROUP OF INSTITUTION	EN	1802921106	2	4 Sarang Hostel
5-4-2020 11:46:42	devansh.1822en1054@kiet.edu	DEVANSH SRIVASTAVA	DEVANSH SRIVASTAVA	934576964	KIET GROUP OF INSTITUTIONS,AKTU		ECE	802921055	2	4 C-70, Parvahan apartment, Sector 5, Vasundhara, Ghaziabad
5-4-2020 11:47:35	tanya.1822en1150@kiet.edu	TANYA BALAJI	MR. SANJAY BALAJI	tanya.1822en1150@kiet.edu	975615777	KIET GROUP OF INSTITUTE	EN	1802921164 (second)		4 042-43 HANJAMAN CHAWK GOVINDPURI,MODNAGAR
5-4-2020 11:52:25	arshi.1822en1160@kiet.edu	ARITRI BERA	KUNAL KANTI BERA	arshi.1822en1160@kiet.edu	6380701209	KIET Group of Institutions	ECE	1802921040		4 C/71 MAL colony India nagar Lucknow
5-4-2020 11:52:47	hiteshagarwal606416@gmail.com	HITESH AGARWAL	RAJENDRA AGARWAL	hitesh.1822en1187@kiet.edu	7800417866	KIET GROUP OF INSTITUTIONS (AKTU)	CSE	802919079	2	4 748, PIKAOURA BAKSH, MALVIYA ROAD, BASTI UP (272001)
5-4-2020 12:12:30	sakshi.1822en1122@kiet.edu	Mukesh Kumar Sharma	Sakshi Bhardwaj	mishama7896@gmail.com	907045900	Kiet Group of Institutions AKTU	EN	802921134	2020	4 567 old type 3 North Estate Muradnagar
5-4-2020 12:12:39	aditya.1822en1014@kiet.edu	ADITYA SRIVASTAVA	RAVI SHANKAR SRIVAST	aditya.1822en1014@kiet.edu	9971430703	K.I.E.T group of institutions	EN	1802921015	2	4 H.N.2, Akshalapur, Shahzadpur, Aligarh, Ambedkar Nagar - 204122
5-4-2020 12:14:44	abhinav.1822en1007@kiet.edu	ADISHYER GUPTA	Santosh Gupta	abhinav.1822en1007@kiet.edu	823935507	KIET GROUP OF INSTITUTIONS	EN	802921007	2	4 4/78, Janki Mission School, Ghatampur, Deoria, Uttar Pradesh
5-6-2020 8:28:37	vikas.1721en1139@kiet.edu	VIKAS KUMAR MAURYA	Kaushal Maurya	vikasmaurya0505@gmail.com	9044004165	KIET GROUP OF INSTITUTIONS, AKTU	EEE	1702921141	3	4 Moh Mahajanagar,gaiki sarai, jhabbad
5-6-2020 12:33:45	kush.kan@gmail.com	KARAN KAN	Dhan Lal	kush.kan@gmail.com	9395257575	KIET GROUP OF INSTITUTIONS,AKTU	EN	802921068	2	4 Sector-138 House no.308Avas vihas colony sikandra agra
5-6-2020 12:35:51	nihal.1822en1118@kiet.edu	Rohan Singh	Prabhat Kumar Singh	nihal.1822en1118@kiet.edu	9984438211	KIET group of Institutions, Ghazabad	Electrical and electronics e	1802921129 2nd	2	4 Healspur, Kairahi, Varanasi
5-6-2020 12:48:02	kumaranur020@gmail.com	TARUN KUMAR	Sunil Kumar	kumaranur020@gmail.com	8750207516	Kiet group of institutions	EN	802921165	2020	4 1343 new kheria colony mohan nagar Ghazabad
5-6-2020 13:11:13	sakham.1721en1105@kiet.edu	SAKSHAM YADAV	Shashikant Yadav	sakhamym@gmail.com	724864478	KIET Group Of Institution	EN	170292112	2	6 31A Adnan Nagar, Naini, Prayagraj
5-6-2020 13:26:10	shahwaiz01@gmail.com	SHAKSHAT DWIVEDI	P. P DWIVEDI	shahwaiz01@gmail.com	983886946	KIET Group of Institutions	EN	802921142	2	4 ARVISHAT HOSTEL,KIET GROUP OF INSTITUTION
5-6-2020 13:23:35	barnu.1999@gmail.com	SHUBHAM KUMAR PATEL	RAMESH KUMAR PATEL	barnu.1999@gmail.com	931672858	KIET Group of Institutions	EN	802921154	2	4 Via meg.
5-6-2020 17:35:21	agraaagrawal00@gmail.com	GARGI AGRAWAL	Gopal Agrawal	agraaagrawal00@gmail.com	9027112036	Kiet group of institutions	Ece	180291059	2	4 Through mail whatsapp
5-7-2020 1:47:00	abaga000@gmail.com	ARPITA BALPAI	Nilesh Kumar Bagpai	abaga000@gmail.com	0841700219	Krishna institute of engineering and technology gurgaon	Electrical and electronics	802921032	2	4 MH-140, RUCHI KHAND-I, SHARDA NAGAR---
5-7-2020 1:50:43	arav.1822en1186@kiet.edu	ARVAIL ANAND	Anil Kumar Srivastav	arav.1822en1186@kiet.edu	805585588	Kiet group of institutions	EN	802921038	2	4 Megha boys hostel
5-8-2020 1:04:56	devshibassi1999@gmail.com	DEVSHIB BASSI	RAJEEV KUMAR	devshibassi1999@gmail.com	955272444	KIET GROUP OF INSTITUTIONS	ELECTRICAL AND ELECT	802921054	2	4 11 to mirzapur kalyanpur karpur
5-8-2020 1:03:40	shyamj.1822en1144@kiet.edu	SHYAMJI SHUKLA	RAKESH CHANDRA SHUK	shyamj.1822en1144@kiet.edu	8707572774	Kiet group of institutions andku	EN	1802921157	2	4 KET group of institution, ghazabad, meent road no4(HS), muradnagar , Ghazabad UP
5-8-2020 12:16:32	srinipal@ieee.org	SMITA UPADHAYAY	BIPIN CHANDRA UPADHAY	srinipal@ieee.org	0812727839	KIET GROUP OF INSTITUTIONS GHAZIABAD	ELECTRICAL AND ELECT	1802921168 2nd	4th	HOUSE NO 47148VARIGARAH RAMNAGAR
5-8-2020 14:42:03	ashwanya.89@gmail.com	AISHVARYA NARAIN	Lakshmi narain	ashwanya.89@gmail.com	-91790515495	MMMIT GKP	Cs	201703802	2017	English
5-8-2020 15:30:00	ashtanaga@gmail.com	AKSHITA NAGPAL	Sarvesh Nagpal	ashtanaga@gmail.com	-919760259445	Women institute of technology, Uttarabhadh technical university, ahradun	Electronics and communica	11.6125E+11 4th year	8th	
5-8-2020 16:22:57	alishatagata15@gmail.com	AKSHITA GUPTA	Chetan Gupta	alishatagata15@gmail.com	6306452086	Pranveer Singh Institute Of Technology karpur	Electrical	1816410444	2	4 128/169 A1 k block kideel nagar karpur
5-8-2020 17:29:51	shwamsh98@gmail.com	SHIVAM KUMAR UPADHAYAY	Mr.SATYA PRAKASH UPAD	shwamsh98@gmail.com	7952570219	RAJNIVA ENGINEERING COLLEGE, MAINPURI AKTU	ELECTRICAL ENGINEERI	1784200032	2021	6 Villavada west road shree Deoria
5-8-2020 18:20:00	rocknagar05@gmail.com	NITIN RAJAN	SARMAN SINGH	rocknagar05@gmail.com	765991650	RAJNIVA ENGINEERING COLLEGE, MAINPURI	EE	1784200032	2020	6 RAJNIVA ENGINEERING COLLEGE,MAINPURI
5-8-2020 18:28:14	anand.ark99@gmail.com	ANAND KICHAN	SARMAN SINGH	anand.ark99@gmail.com	9140506732	Rajnya Engineering College Mainpuri	Electrical Engineering	1784200008	2020	6 Rajnya Engineering College Mainpuri
5-8-2020 18:51:45	riyansingh00@gmail.com	RIYA SINGH	NARESH PALSINGH	riyansingh00@gmail.com	6307607028	Rajnya engineering college mainpuri	Electrical engineering	1884200041	2	6 Rajnya engineering college mainpuri
5-8-2020 18:58:31	mukul116@gmail.com	MUKUL KUMAR	Raj Kumar	mukul116@gmail.com	9027788132	Rajnya , AKTU	Electrical	1884200024	2	4 VILLAGE + POST OFFICE: RAJAWAL,TEHSIL ,IGLAS DISTRICT ,ALIGARHUTTAR PRADESH (202123)
5-8-2020 19:35:58	nahaz211singh@gmail.com	NEHA SINGH	Pranod Kumar Singh	nahaz211singh@gmail.com	9054031502	AKTU	CSE	1718110070 3rd	6th	Phyashirvan Girls Hostel ,FGET,Rampur Chauraha,Raabareil,229001
5-8-2020 19:31:46	prema.verma31@gmail.com	PREMA VERMA	Raj Kumar Verma	prema.verma31@gmail.com	9953441155	Rajnya Engineering College Mainpuri	Electrical Engineering	1884200036 2 year	4 semester	White spot
5-8-2020 19:36:24	meen.rax24@gmail.com	RAVI TIWARI	Rakesh Tiwari	meen.rax24@gmail.com	8887882482	Feroze Gandhi Institute Of Engineering And Technology, Abad Kalam Technical University.	Computer Science And Eng	1718110070 3rd	6th	C/O M. Deepak Srivastava, Barapur, Behrind Polytechnic, Raabareil, PIN- 229001
5-8-2020 19:52:19	pratan.1822en1105@kiet.edu	PRITAM VERMA	DHARMNATHA VERMA	pratan.1822en1105@kiet.edu	8791690842	KIET GROUP OF INSTITUTIONS	EN	1802921116 2018,2022	4TH	KIET GROUP OF INSTITUTION
5-9-2020 0:30:40	abhinav.1822en1006@kiet.edu	ABHILUET SHARMA	ANIL KUMAR SHARMA	abhinav.1822en1006@kiet.edu	752020089	KIET GROUPS OF INSTITUTIONS	ECE	180291005	2	4 A105 ground floor Indira Hostel lane -2 muradnagar Ghazabad
5-9-2020 1:22:21	vinay.178en1020@kiet.edu	VINAY KUMAR PAL	Rampratapal	vinay.178en1020@kiet.edu	9870647574	Kiet engineering college	EN	1702921110	3	6 V/8 Main Post, saranyghe-deoria
5-9-2020 1:30:53	sds01533@gmail.com	SHIVAM SINGH	Asnsh Singh	sds01533@gmail.com	8402645152	MMMIT GORAKHPUR	ECE	2018041021	2	4 E mail
5-9-2020 1:39:07	nihal.1822en1095@kiet.edu	NIKHIL CHAUHAN	SALJAN CHAUHAN	nihal.1822en1095@kiet.edu	904520235	Kiet group of institution ghazabad	EN	180291095	2	4 Defence colony muradnagar
5-9-2020 2:14:02	vishalbagpai09@gmail.com	VISHAL BAGPAI	Mr. Kulkesh Bagpai	vishalbagpai09@gmail.com	852848378	Kiet Group of Institutions	EN	802921181	2	4 6/7, Avas Vikas, Badstapur, Aurarya, U.P. (206122)
5-9-2020 2:49:50	yash.1822en1179@kiet.edu	YASH PANDEY	PRABHAT KUMAR PANDI	yash.1822en1179@kiet.edu	954519827	KIET Group Of Institutions	EN	802921182	2	4 White Apple, Meel
5-9-2020 2:15:33	yash.1822en1184@kiet.edu	YASH RAJ BHARDWAJ	Mr. Vijay Kumar Srivast	yash.1822en1184@kiet.edu	753092032	KIET group of institution	EN	802921184	2	4 Banwasi meent Ghazabad
5-11-2020 11:00:43	bhanuagrawal2000@gmail.com	PRATEEK BHARDWAJ	DHIRENDRA BHARDWAJ	bhanuagrawal2000@gmail.com	999998793	K.I.E.T GROUP OF INSTITUTION	EN	802921112	2	4 C-34/604 Gall no 3 Ganesht Nagar 2nd Shahrkpur Delhi 92
5-11-2020 11:01:56	gagan400khatun@gmail.com	SHIBHAN GUPTA	Sureshwar Prasad Gupta	gagan400khatun@gmail.com	9161194224	Kiet group of institutions, Ghazabad	EN	1802921152	2	4 Ward no 10, Sahjima, Gorakhpur
5-11-2020 11:03:27	nlu.1822en1116@kiet.edu	RITURAJ SINGH	Vikas Chandra Singh	nlu.1822en1116@kiet.edu	7807157688	KIET GROUP OF INSTITUTIONS GHAZIABAD, AKTU	EN	802921127	2	4 C-33/SB2b, Chhatrap, Dghra, Varanasi 221010
5-11-2020 11:06:05	aman.singh.8542869787@gmail.com	AMAN SINGH	aman.singh.8542869787@gmail.com	884100395	KIET GROUP OF INSTITUTIONS	EN	802921022	2	4 886/16 GANDHI NAGAR, RAJBAREIL, UTTAR PRADESH, 229001	



Dr. Brijesh Singh &lt;brijesh.singh@kiet.edu&gt;

## Call of Experts: Online Summer Internship programme On "Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)" Stating Date 11th May 2020 (Duration 100 hrs)

1 message

BRIJESH SINGH &lt;brijesh.singh@kiet.edu&gt;

Fri, May 8, 2020 at 2:42 AM

To: Vinod K Gupta &lt;vinod.gupta@imperialsociety.in&gt;, Vinod K Gupta &lt;thevinodgupta@imperialsociety.in&gt;

Dear Vinod Sir,

Hope you are safe and doing well in your respected field.

In view of the present global pandemic situation of COVID-19, the KIET Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical and Electronics Engineering, KIET Group of Institutions, Ghaziabad, Uttar Pradesh will organize an [Online Summer Internship Programme on "Power Industry Practices and Applications of Artificial Intelligence \(State of Art to Project Development\)"](#) of 100 hrs duration (As per AICTE Internship Guideline-2020) starting from **11th May 2020** to support the students in their learning during this Quarantine period at home. The programme is Technically Co-Sponsored by KIET IEEE Student Branch.

As we know, every year the months of May, June and July is very important for the B. Tech 2<sup>nd</sup> and 3<sup>rd</sup> year students in terms of industrial exposures and they try to join the various internships programme organized by industries. However, due to present lockdown situations, some of the students are not able to join any internship programme in the industries.

Thus, the proposed program is designed as per Internship guidelines of AICTE-2020 for B. Tech 2<sup>nd</sup> and 3<sup>rd</sup> Year Students of EE, EN, ECE and CSE Branches. The programme includes online lectures; expert talks; webinars; demonstration of various software-based project development and application software; daily assignments; writing reports, case studies and research manuscripts, idea presentations; and panel & group discussion. The internship is executed in the modular form including the number of sessions daily. (please see the attached information brochure for more detail).

It is requested to join the above-mentioned event as a **Knowledge Partner** of the event and provide some support to organize lecture/webinar/demonstrations on software-based projects by Voluntary Experts from industries.

I believe the rich of industrial/research experience of ISIE in the relevant area could be useful for the participating students during the present global pandemic situation of COVID-19. The lecture/webinar/demonstration shared by you will be beneficial for the students in their technical activities, upcoming project works and career planning.

Kindly oblige us by accepting the invitation for the above-stated programme and provide details of your valuable contribution (lecture/webinar/demonstration on software-based projects).

If you have any questions or need further information, please free to contact me.

\*\*\*STAY HOME, STAY SAFE\*\*\*

Thank you with regards,



**Dr. Brijesh Singh**, SMIEEE, MIEEE-PES, MIEEE-IAS, MIEEE-YP, MIEEE-SC, MIEEE-SGC, MIEEE-SIGHT

B Tech (EE), M Tech (Power Systems), Ph D (IIT-BHU)

Associate Professor, Department of Electrical & Electronics Engineering, Krishna Institute of Engineering and Technology (KIET)

Convener, KIET Centre of Excellence Power Engineering Technology and Clean Energy Integration (CEPET&CEI)

Member ExComm, IEEE Uttar Pradesh Section

Member ExComm, IEEE PES/IAS Joint Chapter Uttar Pradesh Section

Branch Counselor, KIET IEEE Student Branch

### Contact

Room No. A-16, A-Block

KIET Group of Institutions, Delhi-NCR, Ghaziabad

Meerut Road (NH-58), Ghaziabad, Uttar Pradesh-201206, INDIA

Contact No: +91 8377825935 (O), +91 9450838018 (R)

E-Mail: [brijesh.singh@kiet.edu](mailto:brijesh.singh@kiet.edu) [singhb1981@gmail.com](mailto:singhb1981@gmail.com) [bsingh1981@ieee.org](mailto:bsingh1981@ieee.org)

web-page: [www.kiet.edu](http://www.kiet.edu)

ResearcherID B-4355-2013 ; ORCID 0000-0001-5340-6643

Google Scholar Profile: <https://scholar.google.com/citations?user=9gNsytcAAAAJ&hl=en>

LinkedIn: [www.linkedin.com/in/singhb1981](http://www.linkedin.com/in/singhb1981)

Institute Vision  
Shaping Young Minds with Skill Oriented & Value-Based Education.

Please do not print this email unless it is absolutely necessary.

Online Summer Internship Programme\_KIET-CEPET&CEI\_1.pdf  
158K

S. No.	ROLL NO	NAME	E-Mail	BRANCH	SEC	YEAR	COLLEGE	Number of hrs. in live webinar sessions	Number of hrs. in assingment sessions	Overall Attendance (hrs.)	Av. Assingment % Marks	Performance	Certificate No.
1	1802921001	Aakash Srivastava	aakashsrivastava690@gmail.com	EN	A	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	40.00	90	75	Pass*	KIET-CEPET&CEI/Inter./20/01
2	1802931005	Abhijeet Sharma	abhijeet.1822ec1006@kiet.edu	EC	A	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	48.00	98	80	Excellent	KIET-CEPET&CEI/Inter./20/02
3	1802921007	Abhishek Gupta	abhishek.1822en1007@kiet.edu	EN	A	2nd	KIET, Delhi-NCR, Ghaziabad, UP	22.50	48.00	90	59	Pass*	KIET-CEPET&CEI/Inter./20/03
4	1802921015	Aditya Srivastava	aditya.1822en1014@kiet.edu	EN	A	2nd	KIET, Delhi-NCR, Ghaziabad, UP	37.50	48.00	90	63	Pass*	KIET-CEPET&CEI/Inter./20/04
5	1802921021	Akash Tripathi	akatripathi11@gmail.com	EN	A	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	48.00	96	80	Excellent	KIET-CEPET&CEI/Inter./20/05
6	1802921022	Aman Singh	aman.singh.8542809787@gmail.com	EN	A	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	48.00	98	85	Excellent	KIET-CEPET&CEI/Inter./20/06
7	1802931040	Aritri Bera	aritri.1822ec1040@kiet.edu	EC	A	2nd	KIET, Delhi-NCR, Ghaziabad, UP	25.00	44.00	90	52	Pass*	KIET-CEPET&CEI/Inter./20/07
8	1802921032	Arpita Bajpai	abajpai5000@gmail.com	EN	A	2nd	KIET, Delhi-NCR, Ghaziabad, UP	42.50	48.00	91	76	Good	KIET-CEPET&CEI/Inter./20/08
9	1802921038	Aviral Anand	aviral.1822en1186@kiet.edu	EN	A	2nd	KIET, Delhi-NCR, Ghaziabad, UP	45.00	48.00	93	71	Good	KIET-CEPET&CEI/Inter./20/09
10	1802921043	Ayush Srivastava	ayushsrim@gmail.com	EN	A	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	48.00	96	74	Good	KIET-CEPET&CEI/Inter./20/10
11	1702921047	Dev Agarwal	devagarwal.mrt98@gmail.com	EN	B	3rd	KIET, Delhi-NCR, Ghaziabad, UP	45.00	48.00	93	69	Average	KIET-CEPET&CEI/Inter./20/11
12	1802921054	Devishri Bassi	devishribassi1999@gmail.com	EN	B	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	48.00	98	67	Average	KIET-CEPET&CEI/Inter./20/12
13	1802931059	Gargi Agrawal	agrawalgargi2000@gmail.com	EC	B	2nd	KIET, Delhi-NCR, Ghaziabad, UP	32.50	48.00	90	71	Pass*	KIET-CEPET&CEI/Inter./20/13
14	1802921068	Karan Kain	kush.kain@gmail.com	EN	B	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	48.00	98	73	Good	KIET-CEPET&CEI/Inter./20/14
15	1802921071	Kaushikee Upadhyay	kaushikee13.10.1998@gmail.com	EN	B	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	48.00	96	77	Good	KIET-CEPET&CEI/Inter./20/15
16	1802921095	Nikhil Chauhan	nikhil.1822en1085@kiet.edu	EN	B	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	44.00	92	75	Good	KIET-CEPET&CEI/Inter./20/16
17	1802921098	Nitish Kumar	nitish.1822en1088@kiet.edu	EN	B	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	44.00	94	66	Average	KIET-CEPET&CEI/Inter./20/17
18	1802921102	Pinki Verma	pinkiverma2000@gmail.com	EN	B	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	48.00	98	72	Good	KIET-CEPET&CEI/Inter./20/18
19	1802921106	Pragati Singh	singhpragati135@gmail.com	EN	B	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	48.00	96	74	Good	KIET-CEPET&CEI/Inter./20/19
20	1802921112	Prateek Bhardwaj	bhardwajprateek2000@gmail.com	EN	B	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	44.00	92	55	Pass*	KIET-CEPET&CEI/Inter./20/20
21	1802921114	Prateek Singh	prateeksingh0303@gmail.com	EN	B	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	48.00	96	75	Good	KIET-CEPET&CEI/Inter./20/21
22	1802921116	Pritam Verma	pritam.1822en1105@kiet.edu	EN	B	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	48.00	96	71	Good	KIET-CEPET&CEI/Inter./20/22
23	1802921127	Rituraj Singh	ritu.1822en1116@kiet.edu	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	48.00	98	73	Good	KIET-CEPET&CEI/Inter./20/23
24	1802921129	Rohan Singh	rohan.1822en1118@kiet.edu	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	48.00	98	72	Good	KIET-CEPET&CEI/Inter./20/24
25	1702921112	Saksham Yadav	saksham.1721en1105@kiet.edu	EN	C	3rd	KIET, Delhi-NCR, Ghaziabad, UP	42.50	48.00	91	64	Average	KIET-CEPET&CEI/Inter./20/25
26	1802921134	Sakshi Bhardwaj	sakshi.1822en1122@kiet.edu	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	48.00	96	74	Good	KIET-CEPET&CEI/Inter./20/26
27	1802921136	Samarth Shukla	samarthshukla039@gmail.com	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	45.00	48.00	93	72	Good	KIET-CEPET&CEI/Inter./20/27
28	1802921142	Shashwat Dwivedi	shashwatd1507@gmail.com	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	48.00	98	87	Excellent	KIET-CEPET&CEI/Inter./20/28
29	1802921146	Shivam Sharma	shivamsh8938@gmail.com	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	48.00	98	82	Excellent	KIET-CEPET&CEI/Inter./20/29
30	2018041021	Shivam Singh	ss061533@gmail.com	EC		2nd	MMMUT, GORAKHPUR, UP	50.00	48.00	98	83	Excellent	KIET-CEPET&CEI/Inter./20/30
31	1802921152	Shubham Gupta	gupta400shubham@gmail.com	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	48.00	98	67	Average	KIET-CEPET&CEI/Inter./20/31
32	1802921153	Shubham Kumar	kumarsksksk2@gmail.com	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	48.00	98	84	Excellent	KIET-CEPET&CEI/Inter./20/32
33	1802921154	Shubham Kumar Patel	barmu1999@gmail.com	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	40.00	90	51	Pass	KIET-CEPET&CEI/Inter./20/33
34	1802921157	Shyamji Shukla	shyamji.1822en1144@kiet.edu	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	32.00	90	56	Pass*	KIET-CEPET&CEI/Inter./20/34
35	1802921159	Smita Upadhyay	smitaupa@ieee.org	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	48.00	96	71	Good	KIET-CEPET&CEI/Inter./20/35
36	1802921164	Tanya Bajaj	tanya.1822en1150@kiet.edu	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	50.00	48.00	98	83	Excellent	KIET-CEPET&CEI/Inter./20/36
37	1802921165	Tarun Kumar	kumartarun3020@gmail.com	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	48.00	96	68	Average	KIET-CEPET&CEI/Inter./20/37
38	1702921141	Vivek Kumar Maurya	vivek.1721en1139@kiet.edu	EN	B	3rd	KIET, Delhi-NCR, Ghaziabad, UP	45.00	48.00	93	79	Good	KIET-CEPET&CEI/Inter./20/38
39	1802921184	Yash Raj Bhardwaj	yash.1822en1184@kiet.edu	EN	C	2nd	KIET, Delhi-NCR, Ghaziabad, UP	47.50	44.00	92	61	Average	KIET-CEPET&CEI/Inter./20/39

*2.5hrs per Session	02 hrs Presentation Session	Minimum 90 hrs. and 50% Marks are required to complete the event
20 Sessions	03 Sessions	
Total 50 hrs	Total 06 hrs	
Total 100 hrs Course		

Marks	Performance
>80%	Excellent
>70% and < 80%	Good
>60% and < 70%	Average
>50% and < 60%	Pass
< 50%	Failed



S. No. KIET-CEPET&CEI/Inter./20/01

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This is to certify that Mr./Ms. **Aakash Srivastava** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs. Online Summer Internship programme on Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Pass\*** performance in the internship programme and scored overall **74.56%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

Head, Department of Electrical and  
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S. No. KIET-CEPET&CEI/Inter./20/02

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This is to certify that Mr./Ms. **Abhijeet Sharma** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs. Online Summer Internship programme on Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Excellent** performance in the internship programme and scored overall **80% Marks** in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

Head, Department of Electrical and  
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S. No. KIET-CEPET&CEI/Inter./20/03

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This is to certify that Mr./Ms. **Abhishek Gupta** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Pass\*** performance in the internship programme and scored overall **59.14%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

Head, Department of Electrical and  
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S. No. KIET-CEPET&CEI/Inter./20/04

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This is to certify that Mr./Ms. **Aditya Srivastava** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs. Online Summer Internship programme on Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Pass\*** performance in the internship programme and scored overall **63.43%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

Head, Department of Electrical and  
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S. No. KIET-CEPET&CEI/Inter./20/05

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This is to certify that Mr./Ms. **Akash Tripathi** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Excellent** performance in the internship programme and scored overall **80.29%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

Head, Department of Electrical and  
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S. No. KIET-CEPET&CEI/Inter./20/06

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This is to certify that Mr./Ms. **Aman Singh** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Excellent** performance in the internship programme and scored overall **84.56%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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S. No. KIET-CEPET&CEI/Inter./20/07

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This is to certify that Mr./Ms. **Aritri Bera** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Pass\*** performance in the internship programme and scored overall **52%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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This is to certify that Mr./Ms. **Arpita Bajpai** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **76%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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This is to certify that Mr./Ms. **Aviral Anand** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **70.85%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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S. No. KIET-CEPET&CEI/Inter./20/10

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This is to certify that Mr./Ms. **Ayush Srivastava** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs. Online Summer Internship programme on Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **74%** Marks in Internship Examinations and Assignments.

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S. No. KIET-CEPET&CEI/Inter./20/11

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This is to certify that Mr./Ms. **Dev Agarwal** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Average** performance in the internship programme and scored overall **69.43%** Marks in Internship Examinations and Assignments.

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S. No. KIET-CEPET&CEI/Inter./20/12

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This is to certify that Mr./Ms. **Devishri Bassi** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Average** performance in the internship programme and scored overall **66.85%** Marks in Internship Examinations and Assignments.

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This is to certify that Mr./Ms. **Gargi Agrawal** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Pass\*** performance in the internship programme and scored overall **71.14%** Marks in Internship Examinations and Assignments.

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This is to certify that Mr./Ms. **Karan Kain** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **73.43%** Marks in Internship Examinations and Assignments.

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This is to certify that Mr./Ms. **Kaushikee Upadhyay** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **77.43%** Marks in Internship Examinations and Assignments.

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S. No. KIET-CEPET&CEI/Inter./20/16

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This is to certify that Mr./Ms. **Nikhil Chauhan** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **75.43%** Marks in Internship Examinations and Assignments.

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S. No. KIET-CEPET&CEI/Inter./20/17

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This is to certify that Mr./Ms. **Nitish Kumar** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Average** performance in the internship programme and scored overall **66%** Marks in Internship Examinations and Assignments.

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S. No. KIET-CEPET&CEI/Inter./20/18

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This is to certify that Mr./Ms. **Pinki Verma** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **72.29%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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S. No. KIET-CEPET&CEI/Inter./20/19

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This is to certify that Mr./Ms. **Pragati Singh** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **74.29%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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S. No. KIET-CEPET&CEI/Inter./20/20

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This is to certify that Mr./Ms. **Prateek Bhardwaj** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs. Online Summer Internship programme on Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Pass\*** performance in the internship programme and scored overall **55%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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S. No. KIET-CEPET&CEI/Inter./20/21

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This is to certify that Mr./Ms. **Prateek Singh** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **74.56%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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Head, Department of Electrical and  
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S. No. KIET-CEPET&CEI/Inter./20/22

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This is to certify that Mr./Ms. **Pritam Verma** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **70.85%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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S. No. KIET-CEPET&CEI/Inter./20/23

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This is to certify that Mr./Ms. **Rituraj Singh** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **73.43%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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S. No. KIET-CEPET&CEI/Inter./20/24

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This is to certify that Mr./Ms. **Rohan Singh** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **72%** Marks in Internship Examinations and Assignments.

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S. No. KIET-CEPET&CEI/Inter./20/25

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This is to certify that Mr./Ms. **Saksham Yadav** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Average** performance in the internship programme and scored overall **64%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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S. No. KIET-CEPET&CEI/Inter./20/26

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This is to certify that Mr./Ms. **Sakshi Bhardwaj** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs. Online Summer Internship programme on Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **74%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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S. No. KIET-CEPET&CEI/Inter./20/27

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This is to certify that Mr./Ms. **Samarth Shukla** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs. Online Summer Internship programme on Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **72%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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S. No. KIET-CEPET&CEI/Inter./20/28

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This is to certify that Mr./Ms. **Shashwat Dwivedi** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs. Online Summer Internship programme on Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Excellent** performance in the internship programme and scored overall **86.57%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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Electronics Engineering

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S. No. KIET-CEPET&CEI/Inter./20/29

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This is to certify that Mr./Ms. **Shivam Sharma** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Excellent** performance in the internship programme and scored overall **82.29%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

Head, Department of Electrical and  
Electronics Engineering

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S. No. KIET-CEPET&CEI/Inter./20/30

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Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

Head, Department of Electrical and  
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S. No. KIET-CEPET&CEI/Inter./20/31

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Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

Head, Department of Electrical and  
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S. No. KIET-CEPET&CEI/Inter./20/32

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Coordinator, Online Summer Internship-2020  
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Coordinator, Online Summer Internship-2020  
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This is to certify that Mr./Ms. **Shyamji Shukla** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Pass\*** performance in the internship programme and scored overall **56.28%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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Head, Department of Electrical and  
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This is to certify that Mr./Ms. **Smita Upadhyay** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs. Online Summer Internship programme on Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **71.14%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

Head, Department of Electrical and  
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This is to certify that Mr./Ms. **Tanya Bajaj** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Excellent** performance in the internship programme and scored overall **83.43%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

Head, Department of Electrical and  
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This is to certify that Mr./Ms. **Tarun Kumar** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Average** performance in the internship programme and scored overall **67.70%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

Head, Department of Electrical and  
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This is to certify that Mr./Ms. **Vivek Kumar Maurya** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs. Online Summer Internship programme on Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Good** performance in the internship programme and scored overall **78.85%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

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This is to certify that Mr./Ms. **Yash Raj Bhardwaj** from **KIET, Delhi-NCR, Ghaziabad, UP** has attended **100 Hrs. Online Summer Internship programme on Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown **Average** performance in the internship programme and scored overall **61.14%** Marks in Internship Examinations and Assignments.

Coordinator, Online Summer Internship-2020  
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Head, Department of Electrical and  
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This is to certify that Mr./Ms. **02 hrs Presentation Session** from **Marks** has attended **100 Hrs.** Online Summer Internship programme on **Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)**, organized by Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical & Electronics Engineering starting from 11<sup>th</sup> May 2020 to 19<sup>th</sup> June 2020. The participant has shown performance in the internship programme and scored overall % Marks in Internship Examinations and Assignments.

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*Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI*

*Head, Department of Electrical and  
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Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI

Head, Department of Electrical and  
Electronics Engineering

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*Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI*

*Head, Department of Electrical and  
Electronics Engineering*

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*Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI*

*Head, Department of Electrical and  
Electronics Engineering*

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*Coordinator, Online Summer Internship-2020  
programme & Convener, CEPET&CEI*

*Head, Department of Electrical and  
Electronics Engineering*

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**Joint Report**  
**on**  
**Activities & Achievements**  
**(Jan-June 2020, Vol. 1)**

**KIET Centre of Excellence for Power Engineering  
Technologies & Clean Energy Integration  
(CEPET&CEI)**

**Department of Electrical & Electronics Engineering  
&**

**KIET IEEE Student Branch**



**KIET Group of Institutions  
Delhi-NCR, Ghaziabad, Uttar Pradesh-201206, India**



**KIET Group of Institutions**  
Delhi-NCR, Ghaziabad, Uttar Pradesh-201206, India

**Centre of Excellence for Power Engineering Technologies & Clean Energy Integration  
(CEPET&CEI)  
&  
KIET IEEE Student Branch**

**About CEPET&CEI**

"Centre of Excellence for Power Engineering Technologies and Clean Energy Integration" is one of the centres of KIET Group of Institutions Ghaziabad established by Department of Electrical and Electronics Engineering in March 2019. It is one of the centres in Dr. A.P.J. Abdul Kalam Technical University (AKTU) Lucknow, working in power engineering applications included clean and renewable energy system technologies. The intention is to create a platform with a multi-disciplinary environment in the area of power engineering and renewable energy technologies for experts, researcher, academicians, students and industry. To accommodate this objective, the centre will provide infrastructural facilities and environment to conduct experiments to understand know-how, constraints and requirements of power engineering applications including clean/ renewable energy system technologies. The purpose is to produce collaborative research outcomes/solutions with social impacts in association with academic institutions and industries globally. The platform also provides a channel of communication to exchange the experiences and ideas at the global level through a technical programme such as training, workshops, seminars, conferences, expert talks, schools, internships and FDPs. The centre is placed in Room No. A-016, A-Block, KIET Group of Institutions, Delhi-NCR, Ghaziabad, Uttar Pradesh, India.



**Technical Committee CEPET&CEI**

Professor (Dr.) Neeraj Kumar Gupta, *Professor & Head*  
Prof. (Dr.) Brijesh Singh, *Associate Professor & Convener*  
Prof. Ashish D. Thombre, *Associate Professor & Advisor*  
Prof. (Dr.) Faisal Jalil, *Assistant Professor & Member*  
Prof. Ajeet Kumar Singh, *Assistant Professor & Member*  
Prof. Shruti Pandey, *Assistant Professor & Member*  
Prof. (Dr.) Natwar Singh Rathore, *Assistant Professor & Member*



**About KIET IEEE Student Branch**



The IEEE KIET Student Branch (IEEE KIET SB) is the local institute level part of IEEE Uttar Pradesh Section. It consists of IEEE professional and students members who share technical interests and geographical proximity. The IEEE KIET Student Branch is continuously providing the scientific and engineering information on electrical, electronics, computer and mathematics to its members. It is also interested to provide advanced and modern theoretical and practical information to the associated members and provide a prerequisite background to the members for working in the area of design, development, manufacturing, and application of the safe, sustainable, reliable, smart engineering systems and services. The IEEE KIET Student Branch Chapter's objective is to keep its members updated and competitive in the workplace and help them to grow both personally and professionally using necessary IEEE tools. The Branch has a clear target to increase the number of activities and expand the influence and number of members in consequent years. We invite you to join us and benefit from a world of invaluable information and support.

**Executive Committee KIET IEEE Student Branch**

Dr. (Col) A. Garg, *Chief Patron & Director, KIET Group of Institutions*  
Dr. Manoj Goel, *Patron & Joint Director, KIET Group of Institutions*  
Dr. Neeraj Kumar Gupta, *Sr. Member IEEE and Founder KIET IEEE Student Branch*  
Dr. Brijesh Singh, *Sr. Member IEEE and Branch Counsellor KIET IEEE Student Branch*  
Dr. Ramesh Singh, *Member IEEE and Advisor KIET IEEE Student Branch*  
Dr. Nitin Saxena, *Member IEEE and Advisor KIET IEEE Student Branch*  
Mr. Vinay Raj Tripathi, *Chair KIET IEEE Student Branch*  
Mr. Somu Gupta, *Co-Chair KIET IEEE Student Branch*  
Mr. Raghav Gupta, *Secretary KIET IEEE Student Branch*  
Mr. Lakshya Gautam, *Co-Secretary KIET IEEE Student Branch*  
Mr. Samarth Shukla, *Treasurer*  
Ms. Shubhanshi, *Web Master*  
*Student Volunteers*



**A Short-Term Training Programme**  
**On**  
**Modelling and Simulations of Renewable Energy Systems and Integration**  
**(Jan. 06-10, 2020)**

**Jointly Organized by**  
Centre of Excellence for Power Engineering Technologies and Clean Energy Integration  
Department of Electrical & Electronics Engineering, KIET Group of Institutions  
&  
KIET IEEE Student Branch

**Co-Sponsored by**



The Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical and Electronics Engineering, KIET Group of Institutions Ghaziabad, India and KIET IEEE Student Branch have jointly organized a **Short Term Training Programme on Modelling and Simulations of Renewable Energy Systems and Integration** during January 06-10, 2020 in association with. The programme is Co-Sponsored by IEEE PES/IAS Joint Chapter UP Section. The objective of this program is to provide an awareness to the beginners having the interest to work in the field of renewable energy systems and integration. The aim is to provide basic knowledge and hands-on experience of modelling and simulations of renewable energy systems using MATLAB platform. It is known that the increasing demand for green energy integration required to understand some new technologies and its application methodologies. In other words, the understanding of modelling and simulation of these technologies are needed for practising technician to achieve fast and accurate solutions during the operations. In the event, various experts have taught the basic concepts of modelling and simulation (theoretically and practically both) of various renewable energy systems such as solar, wind, biomass etc. The purpose is to provide some hands-on experience and develop the problem-solving ability of students in the relevant area. The event has chaired by Dr. Neeraj Kumar Gupta, Head, Department of Electrical and Electronics Engineering, KIET and coordinated by Dr. Brijesh Singh and Mr. Kapil Gandhi. Ms. Pragati Singh, Mr. Shashwat Dwivedi and Mr. Akash have supported the event as student volunteers. These are the glimpses of daily activities conducted during the program.

**January 06, 2020 (Day 1):** The programme was inaugurated with the address of Prof. R. U. Khan, Department of Electrical and Electronics Engineering, KIET. Prof. Khan has discussed a number of topics with students such as technical challenges in power system operations, use of advanced learning, application of modelling and simulation in power engineering applications and given his blessing for the great success of the event. The coordinator of the event, Dr. Brijesh Singh, has given the vote of thanks to all participants and guests. He has given a brief introduction about the needs of skill development in the area power engineering applications and renewable energy. Dr. Ruchika Singh, Prof. Masood rizwi, Prof. Swati, Prof. Arika, Dr. Faisal Zalil, Prof. Ameer Faisal, Prof. Anmol Gupta, Prof. Sudheer Kumar Singh, Prof. Anil Kumar, Mr. Parveen Tyagi, Mr. Lalit Kumar, Mr. S. C. Sharma and students have participated in the event. Dr. Nitin K Saxena has delivered a talk on “MATLAB for Electrical Engineers” and discusses the basis of MATLAB programming and simulations. In the afternoon session of the event, Dr. (Col.) A. Garg, Director, KIET Group of Institutions Ghaziabad has addressed the students and discussed the need for skills and expertise in the field of electrical engineering. Dr. (Col.) Garg has blessed the student participants and organizing team for the great success of the event.

**January 07, 2020 (Day 2):** On the second day of the event, Dr. Nitin K Saxena has conducted some basic hands-on training and experiments on MATLAB/SIMULINK platform for the students such as simulation of simple electrical circuits and systems. In the afternoon session, Prof. Kapil Gandhi has delivered a talk on “Grid, Smart Grid and Renewable Energy” and discuss the various basics of renewable energy technologies and role in power generation, transmission and distribution.

**January 08, 2020 (Day 3):** On the third day, Dr. Brijesh Singh has demonstrated a MATLAB based model of Solar Power Generation System and discuss the various technicality behind the modelling and simulation of solar power plants. Also, provide information related to recent advances in the field of solar photovoltaic technology and integration.

**January 09, 2020 (Day 4):** Fourth day of the event, Mr. Akhilesh Prakash Gupta, Secretary, IEEE PES/IAS Joint Chapter UP Section and Ph.D Scholar,



Department of Electrical Engineering, IIT Kanpur has delivered an expert talk on “Basics of Wind Energy Conversion System” and discuss the benefits of the wind energy conversion systems. He has also demonstrated the programming and simulations of the wind energy conversion system.

**January 10, 2020 (Day 5):** On the last day of the event, a visit to KIET 100 kWp Solar Power Plant has been organized for students along with faculty members. On the last, in the afternoon session, the Valedictory Session has organized. Dr. Brijesh Singh, Coordinator of the event, has informed that event was successfully conducted by organizing committee under the banner of IEEE PES/IAS Joint Chapter Uttar Pradesh Section. Dr. Singh informs that the participants were learned the various advanced topic and hand-on experience on different renewable energy systems and application of MATLAB. The participants have also understood how to start some relevant project activities. The students have shared a number of project ideas in the field of renewable energy applications and decided to work in this area as per international standards such as IEEE. The internship certificates have been awarded to all participants. The certificates have been awarded by Dr. Neeraj Kumar Gupta, Head EN and Dr. Arvind Kumar Sharma, Additional Head EN. The programme has ended with vote of thanks to all participants and guests. Dr. Nitin Kumar Saxena, Prof. Kapil Gandhi and Mr. S. C. Sharma were also present at the event.

### **Online Summer Internship programme**

**On**

### **Power Industry Practices and Applications of Artificial Intelligence**

(State of Art to Project Development)

Stating Date 11th May 2020 (Duration 100 hrs)

Organized by

KIET Centre of Excellence for Power Engineering Technologies and Clean Energy Integration  
(CEPET&CEI)

Department of Electrical and Electronics Engineering

#### **Knowledge Partner**



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#### **About Internship Programme**

The Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical and Electronics Engineering, KIET Group of Institutions Ghaziabad, India has organized a 100 hours Online Summer Internship Programme on “Power Industry Practices and Applications of Artificial Intelligence (State of Art to Project Development)” in the month of May and June 2020 as per AICTE Internship Guidelines-2020. The programme is technically supported by IEEE KIET Student Branch. The objective of this online Internship Programme is to provide a platform for participants to gain knowledge in the state of art technologies of Renewable Energy Integrated Power Systems and AI applications during pandemic lockdown situation of COVID-19. The expertise from academia and industry have delivered various talks on software-based projects and AI applications such as renewable energy forecasting, supply and demand matching, performance analysis, operation and control, optimizing renewable energy production, AI for power producers and consumers etc. The purpose of this event is to provide a detailed knowledge about modern power engineering practices and hands-on experience to the participants. The participants were benefitted by these talks and understand modern power engineering practices. The project demonstration sessions and hands-on experience are useful to improve their problem-solving ability. Total 32 Students have successfully completed the internship programme. Various assignments and quizzes have also been conducted in the event and based on participants performance; 07 students have been identified as an excellent performer in the event. The participants have also submitted project proposals based on power engineering technologies including renewable energy system. The participants were learned about the various advanced topic and hand-on experience on different power engineering application tools and instruments. The participants have also understood how to start some relevant project activities. These are the activities were conducted during the internship program:

#### **Inaugural Session (dated 11<sup>th</sup> May 2020)**

The inaugural of the internship programme was organized on dated 11th May 2020. The event was started with the welcome address of Dr. Neeraj Kumar Gupta, Professor and Head, Department of Electrical and Electronics Engineering. Dr. Gupta has provided detailed information about the internship programme organized by the department of EN in the summer break of 2020. The session was Chaired by Dr. (Col.) A. Garg, Director, KIET Group of Institutions. Dr. Garg has addressed the students and discussed the effect of the current pandemic situation of COVID-19 on the education system and upcoming social challenges. He has also talked about the need for skills and expertise in the field of the power industry. He has blessed the student participants and organizing team for the great success of the event. The Session was Co-Chaired by Dr. Manoj Goel, Joint Director, KIET Group of Institutions. He has blessed the student participants

Knowledge Partner  Technically Supported by 

Jointly Organized by  
**KIET Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI),**  
 Department of Electrical and Electronics Engineering,  
 KIET Group of Institutions, Ghaziabad, Uttar Pradesh-201206, India  
 Cordially Invites you for

Inaugural Session of Summer Internship Program on  
 Power Industry Practices & Artificial Intelligence 2020

 **Chief -Guest**  
**Prof. Asheesh Kumar**  
 EE Department, MNNIT  
 Allahabad(Head)  
 IEEE UP Section(Chairperson)

 **11<sup>th</sup> May,2020**  
**10:00 AM**

 **Guest of Honour**  
**Vinod Gupta**  
 Founder & President at Imperial  
 Society of Innovative Engineers-  
 ISIINDIA  
 Coordinated by Dr. Brijesh Singh

along with the organizing team for the great success of the event. The Chief Guest of the inaugural session Dr. Asheesh K. Singh, Professor and Head, Department of Electrical Engineering, MNNIT Allahabad, Prayagraj and Chair, IEEE Uttar Pradesh Section, has enlightened about the history of power engineering and role of IEEE in a professional career. The Guest of Honour of the inaugural session Shri. Vinod Gupta, Founder and President, Imperial Society of Innovative Engineers, India, has discussed the role of on Online Mode of Education in Skill Development Programme and future of ICT based education. The Coordinator of the event, Dr. Brijesh Singh, has provided detail information about the various modules and activities of the Online Internship Programme. The session was ended with the vote of thanks of Shri. Arvind Kumar Sharma, Head, Corporate Relations & Placement Centre, KIET Group of Institutions. Dr. Anil Ahlawat, Dean (Academic) KIET Group of Institutions, Dr. Arvind Kumar Sharma, Additional Head EN, Faculty Members of various departments and students were participating in this session.

### Lectures Delivered by the Faculty Members

S. No.	Date	Topic	Delivered by
1.	11-May-2020	Electric Power Transmission & Distribution System: An Overview	Dr. Brijesh Singh, KIET
2.	12-May-2020	Introduction to Advance Power Systems	Dr. Brijesh Singh, KIET
3.	13-May-2020	Basic Understanding Towards Control Systems	Prof. Masood Rizvi, KIET
4.	14-May-2020	Introduction to Power Electronics and Applications	Dr. Surya Prakash, Thaper University
5.	15-May-2020	Advances in Industrial Power Electronics and Applications	Dr. Shruti Pandey, KIET
6.	18-May-2020	Renewable Energy Systems: A Review	Prof. Rahat U. Khan, KIET
7.	19-May-2020	Renewable Energy Systems and Power Industry	Prof. Ashish D. Thombre, KIET
8.	20-May-2020	Emerging Trends in Power Systems: Current practices and Research Opportunities	Dr. Brijesh Singh, KIET
9.	21-May-2020	Ancillary Services in Power Systems	Dr. Nitin Kumar Saxena, KIET
10.	26-May-2020	Introduction to Artificial Intelligence: Part 1	Dr. Brijesh Singh, KIET
11.	28-May-2020	Applications of AI in Power Transmission & Distribution	Dr. Brijesh Singh, KIET
12.	29-May-2020	Application of AI in Renewable Energy based Power Projects	Dr. Brijesh Singh, KIET
13.	30-May-2020	Solar Thermal Power Generation	Prof. Rahat U. Khan, KIET

### Demonstration of Projects and Application Software

S. No.	Date	Topic	Delivered by
1.	13-May-2020	Modelling and analysis of a control system including PID controller	Dr. Brijesh Singh, KIET
2.	14-May-2020	Modelling and simulation of a power electronics circuit	Dr. Brijesh Singh, KIET
3.	18-May-2020	Demonstration of renewable energy based domestic project: A Case Study	Prof. Rahat U. Khan, KIET
4.	19-May-2020	Demonstration of renewable energy integrated industrial project: A Case Study	Prof. Ashish D. Thombre, KIET
5.	20-May-2020	Demonstration of load flow analysis of power networks using MATPOWER	Mr. Deepak Yadav, University of Malaya
6.	21-May-2020	Lithium-ion Battery and Battery Management System	Mr. Prashant Srivastava, University of Malaya
7.	22-May-2020	Design and Operational Strategy of Induction Machine as generator and motor: Part 1&2	Dr. Nitin Kumar Saxena, KIET

8.	27-May-2020	Demonstration of Software used in AI Applications	Mr. Arpit Bhusan Sharma, KIET
9.	27-May-2020	Demonstration of Software used in AI and Robotic Applications	Mr. Sandeep Kumar Tiwari, KIET
10.	04-June-2020	Introduction to Power World Simulator	Mr. Saurabh Kesarwani, IIT Kanpur

### Project Ideas Presented by the Participants

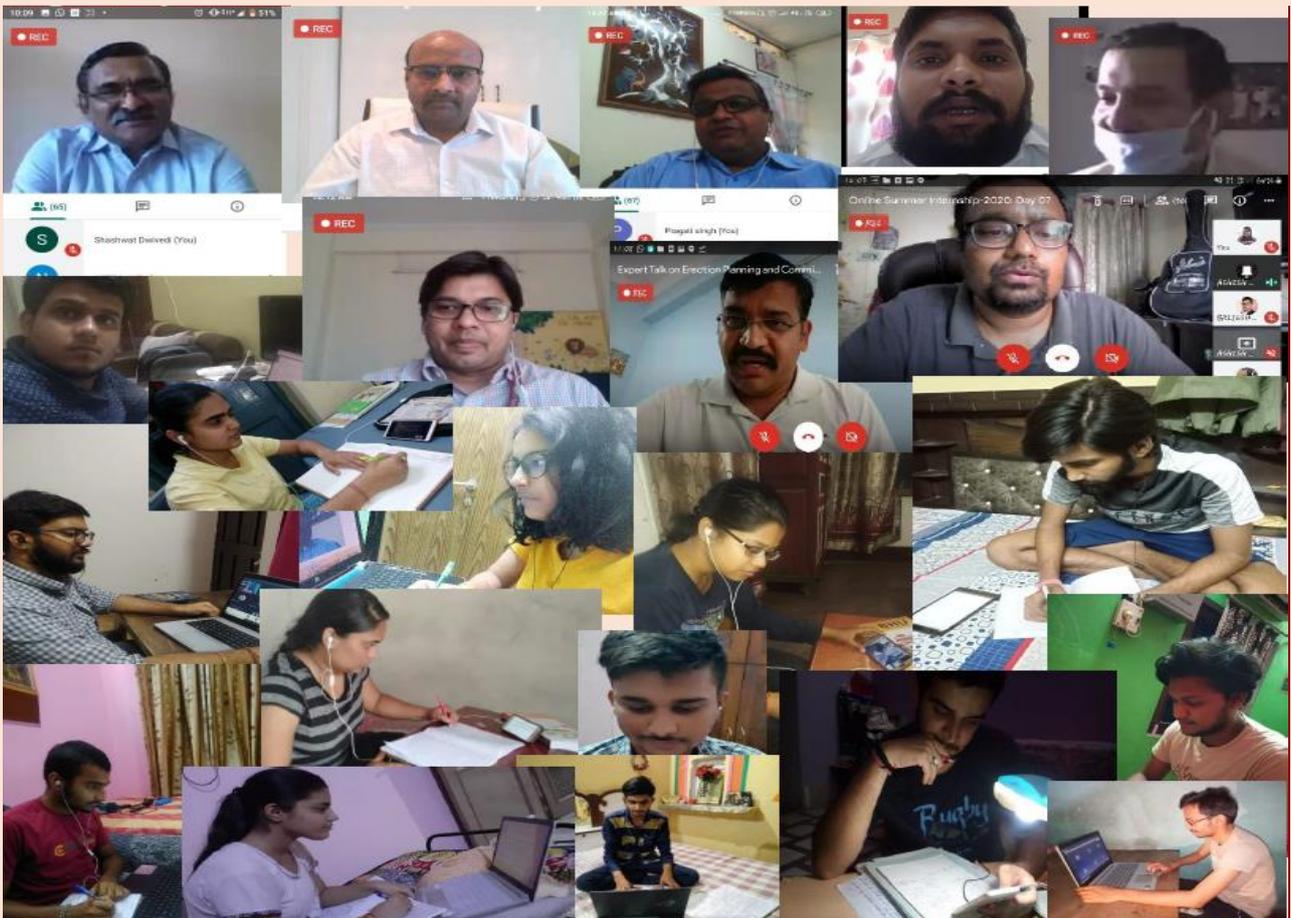
Number of project ideas were proposed and represented by the participants in the field of renewable energy and AI applications. These are some selective topics which have been decided to select as upcoming project and research activities:

1. Intelligent Parking & Charging Stations
2. Ai Based Cell Balancing System In E-Mobility & Storages Technologies
3. Energy Management Systems for Micro-Grids
4. Solar Powered Toilet
5. Distribution System Automation and Ai For Prosumers (Combination of Power Producers And Consumers)
6. Smart Grids Operation and Control
7. Energy Forecasting for Electricity Market
8. Ai For Efficiency and Reliability of Renewable Energy System
9. Ai Based Weather and Load Monitoring System
10. Attractive Design and Future of Solar Tree
11. Solar powered medicine carrier.
12. Possibilities for Solar Parks in Carpet City of Bhadoi, Uttar Pradesh.

### Valedictory Session (dated 26<sup>th</sup> June 2020)

On the last, in the afternoon session, the Valedictory Session has organized. Dr. Brijesh Singh, Coordinator of the event, has informed that event was successfully conducted by the joint effort of ISIE India and KIET IEEE Student Branch. Dr. Singh informs that the participants were learned the various advanced topic and hand-on experience on power industry practices and application of AI. The internship certificates have been awarded to all participants. The certificates have been awarded by Dr. (Col.) A. Garg, Director, KIET Group of Institutions. The programme has ended with vote of thanks to all participants and guests. Dr. Neeraj Kumar Gupta, Head EN and faculty members of EN Department were also present in the event. Ms. Pragati Singh, Mr. Shashwat Dwivedi, Mr. Akash Trpathi and Mr. Samarth Shukla have supported the event as student volunteers.

### Image Gallery of Event



**WEBINAR AND QUIZ COMPETITION  
ON  
ELECTRIC VEHICLE AS FUTURE CAREER OPPORTUNITIES  
(April 05, 2020)**

**Jointly Organized by**  
KIET IEEE Student Branch  
&

Centre of Excellence for Power Engineering Technologies & Clean Energy Integration (CEPET&CEI)  
Department of Electrical & Electronics Engineering, KIET Group of Institutions

**In Association with**  
Imperial Society of Innovative Engineers (ISIE) INDIA



ISO 9001:2008 Certified

Accredited by Ministry of Environment, Forest and Climate Change, Government of India, Associate Member of FMSCI (Ministry of Sports) & SFI, National Youth Award Winner by Ministry of Youth Affairs, Recommended by Ministry of New and Renewable Energy, Govt. Of India

**Programme Details**

**FREE WEBINAR & QUIZ COMPETITION ON  
ELECTRIC VEHICLE  
AS FUTURE CAREER OPPORTUNITIES**

<b>Speaker Details</b> Mr. Jotiprashad Shete (CAE Engineer, Cummins Inc.)	<b>Program Details</b> On 5th April 2020 (1 Hr Session)	<b>In association with</b> <b>DEPARTMENT OF ELECTRICAL &amp; ELECTRONICS</b> <b>KIET GROUP OF INSTITUTION, DELHI-NCR, GHAZIABAD</b> & <b>KIET IEEE STUDENT BRANCH</b>
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At present, worldwide humanity is fighting against the unfortunate epidemic situation of Novel Corona-19 virus. India is under lockdown as per Prime Minister's appeal. This is our duty to support the government actions in this fight and follow the health guidelines of the Government of India for Quarantined during the lockdown. The KIET IEEE Student Branch and the Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Department of Electrical and Electronics Engineering, KIET Group of Institutions, Delhi-NCR, Ghaziabad, India have decided to utilize this time for on-line learning activities and jointly organized a **Webinar and Quiz Competition on "Electric Vehicle as Future Career Opportunity"** for B. Tech Students (all branches) on dated 05th April 2020 at 05:00 PM (Sunday) in association with the Imperial Society of Innovative Engineers (ISIE), INDIA.

The main objective of the proposed event is to provide awareness to the participants towards E-mobility. It is known that the future automobile industries having a huge demand for skilled engineers about 10 Million Job Opportunities in upcoming years. Therefore, the organizers were tried to provide more information towards the current perception and quality delivery of engineering practices of Industries in the field of E-Mobility, Renewable Energy Resources & Employability in the same field through this webinar and Quiz Competition. The expert has focused on e-mobility technology and market demand to give direction to the participants for choosing their curricular projects and can work on it more efficiently.

The event has chaired by Dr. Neeraj Kumar Gupta, Head, Department of Electrical and Electronics Engineering, KIET and Jointly coordinated by Dr. Brijesh Singh, Associate Professor, Department of Electrical and Electronics Engineering, KIET and Mr. Shubham Kumar, ISIE India. The webinar is open for all KIET students and faculty members. These are the glimpses of activities during the program.

**Webinar (YouTube Live) Session**

The total number of 530 students and faculty members were registered for the webinar and approximately 320 students and faculties have participated in YouTube Live Session. The webinar has started at 05:00 PM evening on dated 05th April 2020. This was approximately one-hour session.

**Topic:** Electric Vehicle as a Future Career Opportunity

**Industry Expert:** Mr. Jotiprasad Shete, CAE Engineer from Cummins Inc.

(It is at the forefront of designing future technologies for turbos, emissions, fuel system and more)

**Link of Webinar (Youtube Live):** <https://www.youtube.com/watch?v=ajXnFTHyYZs>

**Content to be covered in the webinar**

1. About Indian Automotive Industry
2. Electrifying Future Learning and Way Forward from Global Leaders
3. India's EV market scenario and outlook
4. Shared and connected mobility in India
5. Future Trends in public Transportation
6. Future career opportunity in EV's.

**Quiz Competition**

At the end of the webinar session, an online quiz competition on the relevant topic has conducted by ISIE India. Total 142 students were registered for quiz competition and 106 students were attempted for the quiz. The test module having 50 questions with 02 marks each. The total of 100 marks has been allocated in the test module. After completion of the Quiz competition, the result of the participant has declared on his respective online portal. The ISIE India has announced to provide a discount coupon on **ISIE Student Membership** for those students achieves more than 60 marks in Quiz Competition in the first attempt. The discount coupon will be delivered to the students through email.

**List of students obtained more than 60 marks in first attempt**

S. No.	Name of the Student	e-mail Id	Mark Obtained
1	Rohan Singh	vpr.rohan.rs77@gmail.com	72
2	Mohit Agarwal	mohit.1721en1069@kiet.edu	72
3	Sakshee Varshney	sakshivarshney.yogita@gmail.com	70
4	Swapnil Verma	dilipkumarverma74@gmail.com	68
5	Prakhar	prakharbhardwaj1@gmail.com	68
6	Piyush	piyush24kmr@gmail.com	68
7	Akhilesh	akhilesh.1640018@kiet.edu	68
8	Kartikay Rishi	kartikay.1721me1013@kiet.edu	68
9	Bhanupratap Rana	bhanupratap.1621050@kiet.edu	66
10	Vinay Raj Tripathi	vinay.1621174@kiet.edu	66
11	Pragati Singh	singhpragati135@gmail.com	66
12	Keshav Agrawal	keshav.1923en1147@kiet.edu	66
13	Varun kumar	varun2746@gmail.com	66
14	Ayush Srivastava	ayush91985@gmail.com	66
15	Divyam pal	divyampal12013@gmail.com	64
16	Abhijeet Suresh Mali	abhimali85@gmail.com	62
17	Sandhya	sandhyaa2309@gmail.com	62
18	Shobhit Srivastava	shobhit.1721en1116@kiet.edu	62
19	Rishabh Sharma	rishibhardwaj788@gmail.com	62
20	ANMOL VARSHNEY	anmol.1621029@kiet.edu	62
21	Anshul Swaraj	swarajpranjal021@gmail.com	62
22	Anup Kumar	anup.1721en1028@kiet.edu	60
23	Prashant Saini	prashantsaini852@gmail.com	60

**WEBINARS**




**LIVE NATIONAL WEBINAR SESSION ON**  
**"Energy Audit and Energy Management Standards"**

Jointly Organized by  
 Kiet IEEE Student Branch  
 &  
 Kiet Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), Kiet Group of Institutions, Delhi-NCR, Ghaziabad, Uttar Pradesh, India

**23rd May 2020**  
 11:00 AM -12:00 PM



**Speaker**  
**Dr. Arvind Dhingra**  
 Executive Director, Science & Technology Entrepreneurs' Park, GNDEC, Ludhiana



Session Chair by  
**Dr. Neeraj Kumar Gupta**  
 HOD & Professor  
 Department of Electrical & Electronics Engineering



Coordinated by  
**Dr. Brijesh Singh**  
 Associate Professor - Research  
 Department of Electrical & Electronics Engineering

Registration link [https://drive.google.com/open?id=1c19TTPSh7l37og5lDdF8K2c35qvw\\_m\\_1hr85G78s](https://drive.google.com/open?id=1c19TTPSh7l37og5lDdF8K2c35qvw_m_1hr85G78s)




**Expert Talk Session On**  
**Erection Planning and Commissioning of Solar PV Plants: An overview.**

**Speaker**  
**Mr. Kamal Kishore Katare**  
 Chief Technical Consultant at PLIniff Solar Power P Ltd  
 Director - Sparkle Energy Solutions P Ltd  
 Former Director -Solidus Techno Power P Ltd  
 Former RND Engineer at Moserbaer solar Limited



**26th May 2020**  
 11:00 AM -12:00 AM

Coordinated by  
**Dr Brijesh Singh**  
 Member ExComm IEEE Uttar Pradesh Section  
 Branch Counsellor Kiet IEEE Student Branch  
 Associate Professor, EN Department, Kiet Ghaziabad

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*Designed by Samarth Shukla ,IEEE Student Member*

## ▶ Live Webinar Session On

### "Energy Regulations Webinar: Challenges to Energy Regulations beyond Corona 2020"

#### Objective of the webinar

The purpose of this webinar is develop an understanding on energy regulations, changes in the energy situation recent time which are likely to have an impact on future judicial decision making, developments in government policy and strategic approach to vibrant energy sector of India



24<sup>th</sup> May 2020  
 11:00 AM-12:00 PM

#### Speaker - Dr. Vivek Soni



**Faculty, In-charge (IQAC) & Management Expert**  
 (A Researcher, Modeller to India's Energy Operations, inclusive approaches of GDP Management & a Systems Optimizer)

#### Moderator

#### Dr. Brijesh Singh

Member ExComm IEEE Uttar Pradesh Section Branch  
 Counsellor KIET IEEE Student Branch  
 Associate Professor, EN Department, KIET Ghaziabad

#### Session Chair Prof. Asheesh K Singh

Chairperson, IEEE Uttar Pradesh Section  
 Professor and Head, EE Department, MNNIT Allahabad

Registration link- [https://docs.google.com/forms/d/1gb4kvX4C0jvIVdxcJzvV2uVUj8QUrIthpV7cs\\_DmHq4/edit?usp=sharing](https://docs.google.com/forms/d/1gb4kvX4C0jvIVdxcJzvV2uVUj8QUrIthpV7cs_DmHq4/edit?usp=sharing)

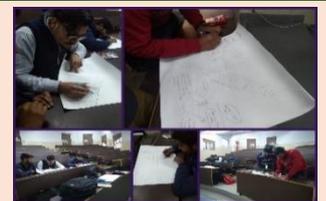
### Quiz Competition on Space Technology (Jan. 17, 2020)

The KIET IEEE Student Branch has organized a quiz competition on "Space Technology" for KIET students of all disciplines. A large number of students were participated in this event with great enthusiasm. The members of KIET IEEE Student Branch were present at this event. The event has been chaired and co-chaired by Mr. Vinayraj Tripathi and Mr. Somu Gupta respectively. The Branch Secretary Mr. Raghav Gupta was technically headed this event also the core-team members do their respective works for managing this event. The purpose of this event is to provide awareness to the students about "Space Technology". The event was started at 05 pm. The event has been conducted in two slots; first from 5pm -5:30pm and second up to 5:30pm-6:00 pm. The mode of conducting quiz is online there are total 150 participants have registered for the event and 100 were participated in the event; 40 students from B. Tech First Year, 38 from Second year, 20 from third year and 02 students from final year.



### Poster Making and Graphic Designing Competition on Social Issues of "Unemployment" (Jan. 24, 2020)

The KIET IEEE Student Branch has organized poster making and graphic designing competition on social issues based upon the theme poll conducted before the event where the number of issues given, by which students choose the theme "Unemployment". The topic has been selected based on number of votes. The event was started on 4:15 pm onwards and till last 6:00 pm both graphic designing and poster making competition are held simultaneously. Total 22 students were participated in this event.



### Student Branch Meetings (Jan. 13, 2020)

The KIET IEEE Student Branch has organized a meeting for future prospectus of student branch plans for upcoming month are discussed about the types of events will be organized in year 2020. The meeting was held in two sessions; first session of 2 hours in morning and 1 hour 30 minutes in evening. All members have given their suggestions for finalizing the events. It is decided to organize two events in month of January. On 17<sup>th</sup> Jan a quiz completion and 24<sup>th</sup> Jan a workshop on "how to write research and conference papers". The Purpose of this meeting was to incite discussion and debate about a range of topics and subjects related to policy issues and guidelines of IEEE membership focusing on technology advancement and annual general meeting is also held time by time for betterment of KIET IEEE Student Branch. The meeting was chaired by Mr. Vinayraj Tripathi. The Branch Secretary and other officials were present in the meeting. The student

members of KIET IEEE Student Branch are actively participated in meeting and give their suggestions for upcoming events.



### Achievements

<p><b>CONGRATULATIONS!!</b> <b>Samarth Shukla</b> B.Tech 2nd Year(EN) For Selections</p> <p><b>BRAND AMBASSADOR</b> FOR IEEE STUDENT BRANCH UP SECTION, INDIA REGION 10 (ASIA &amp; PACIFIC)</p>	<p><b>CONGRATULATIONS!!</b> <b>Akash Tripathi</b> B.Tech 2nd Year(EN) For Selections</p> <p><b>BRAND AMBASSADOR</b> FOR IEEE STUDENT BRANCH UP SECTION, INDIA REGION 10 (ASIA &amp; PACIFIC)</p>	<p><b>CONGRATULATIONS!!</b> <b>Pragati Singh</b> B.Tech 2nd Year(EN) For Selections</p> <p><b>BRAND AMBASSADOR</b> FOR IEEE STUDENT BRANCH UP SECTION, INDIA REGION 10 (ASIA &amp; PACIFIC)</p>	<p><b>CONGRATULATIONS!!</b> <b>Shubham Kumar</b> B.Tech 2nd Year(EN) For Selections</p> <p><b>BRAND AMBASSADOR</b> FOR IEEE STUDENT BRANCH UP SECTION, INDIA REGION 10 (ASIA &amp; PACIFIC)</p>
<p><b>CONGRATULATIONS!!</b> <b>Shivam Sharma</b> B.Tech 2nd Year(EN) For Selections</p> <p><b>BRAND AMBASSADOR</b> FOR IEEE STUDENT BRANCH UP SECTION, INDIA REGION 10 (ASIA &amp; PACIFIC)</p>	<p><b>CONGRATULATIONS!!</b> <b>Smita Upadhyay</b> B.Tech 2nd Year(EN) For Selections</p> <p><b>BRAND AMBASSADOR</b> FOR IEEE STUDENT BRANCH UP SECTION, INDIA REGION 10 (ASIA &amp; PACIFIC)</p>	<p><b>Congratulation!</b> <b>Samarth Shukla</b> B.Tech 2nd year (EN) For Selection as Brand Ambassador of</p>  <p>Samarth Shukla 24 OCT 2020</p> <p>Follow us - <a href="#">KIET IEEE SB</a> <a href="#">KIET IEEE SB</a> <a href="#">OFFICIAL KIET IEEE</a></p>	<p><b>CONGRATULATIONS!!</b> <b>Shashwat Dwivedi</b> Student Member, IEEE KIET IEEE Student Branch 2ND FOR SECURING POSITION Case study Competition NewGen IEDG, GLA University Dated - 18th JUNE (Topic - Impact of Reforestation by Facebook deal on E-Commerce Industry)</p>

### Participations in Various IEEE Events "Knock down to lock down"

<p><b>IEEE</b> CERTIFICATE OF PARTICIPATION</p> <p>This is to certify that <b>Pinki Verma</b> has actively participated in the webinar on Getting Started With Technology Fusion: NLP, Graph, Big Data and Machine Learning, by Mr. Sandeep Verma (Principal, Partner) at 25 organized by IEEE CS MEA SBC on May 2nd 2020.</p>	<p><b>CERTIFICATE OF APPRECIATION</b></p> <p>This is to certify that <b>PINKI VERMA</b> KIET Group of Institutions, Ghaziabad participated in the "Quiz Competition on Space Technology" organised by KIET IEEE Student Branch (STB11398) at KIET Group of Institutions, Ghaziabad, Uttar Pradesh on dated 17 Jan 2020.</p> <p>Credential ID- EBTLWW-CE000033</p> <p>Branch Counselor, Chair, Secretary</p>	<p><b>St. JOSEPH'S INSTITUTE OF TECHNOLOGY</b></p> <p><b>IEEE STUDENT BRANCH</b></p> <p><b>Certificate of Participation</b></p> <p>This is to certify that <b>PINKI VERMA</b> has attended the webinar on "Grid Connected And Stand-Alone Solar Plant Design Using Homer-PRO" conducted by the IEEE SBC of St. Joseph's Institute of Technology on 14th May, 2020.</p>
<p><b>St. JOSEPH'S INSTITUTE OF TECHNOLOGY</b></p> <p><b>IEEE STUDENT BRANCH</b></p> <p><b>Certificate of Participation</b></p> <p>This is to certify that <b>Pinki Verma</b> has attended the webinar on "Smart Battery Energy Management and Health Conscious Fast Charging For Future Transportation" conducted by the IEEE SBC of St. Joseph's Institute of Technology on 28th April, 2020.</p>	<p><b>CERTIFICATE OF PARTICIPATION</b></p> <p>THIS IS TO CERTIFY THAT <b>Akash Tripathi</b> HAS PARTICIPATED IN Project to Product (2020-21) HELD ON 17/05/2020</p>	<p><b>IEEE AcSyr-CSIO Student Branch</b></p> <p><b>CERTIFICATE OF ACHIEVEMENT</b></p> <p>This certificate is proudly presented to <b>Sanskriti Sharma</b> for winning in the online quiz on the Theme: Biodiversity held on June 5, 2020 to celebrate this year's World Environment Day.</p>
<p><b>IEEE</b> <b>IEEE Region 10 young professionals</b> <b>PSIT Kanpur</b></p> <p><b>CERTIFICATE OF PARTICIPATION</b></p> <p>This certifies that <b>Shubham Kumar</b> has attended webinar on "Smart Grid: At the Service of The Power Distribution Network" on 28th May '20</p>	<p><b>IEEE UP SECTION (20-21)</b></p> <p><b>CERTIFICATE OF PARTICIPATION</b></p> <p>is presented to <b>ROHAN SINGH</b> For Participating in Webinar "Energy Regulations Webinar: Challenges to Energy Regulations beyond Corona 2020" On 24 May 2020 (11:00 AM - 12:30 PM) Hosted by IEEE Uttar Pradesh Section (India Council).</p>	<p><b>IEEE UP SECTION (INDIA)</b></p> <p><b>CERTIFICATE OF PARTICIPATION</b></p> <p>is presented to <b>SHIVAM SHARMA</b> For Participating in Webinar "Energy Regulations Webinar: Challenges to Energy Regulations beyond Corona 2020" On 24 May 2020 (11:00 AM - 12:30 PM) Hosted by IEEE Uttar Pradesh Section (India Council).</p>

CERTIFICATE ID: IE00UPW024054  
Dated: 21 May 2020

**IEEE**  
OF SECTION (INDIA)

**CERTIFICATE OF PARTICIPATION**  
is presented to  
**SHASHWAT DWIVEDI**  
For Participating in Webinar  
"Energy Regulations Webinar: Challenges to Energy Regulations beyond Corona 2020"  
On  
24 May 2020 (11:00 AM - 12:30 PM)  
Hosted by IEEE Uttar Pradesh Section (India Council).

Dr. Brijesh Singh  
Member, EC-C, IEEE Uttar Pradesh Section

Prof. Ashesh K Singh  
Senior Chair, IEEE Uttar Pradesh Section

This certificate can be verified at [www.ieee.org](http://www.ieee.org)

CERTIFICATE ID: IE00UPW024053  
Dated: 24 May 2020

**IEEE**  
OF SECTION (INDIA)

**CERTIFICATE OF PARTICIPATION**  
is presented to  
**SANSKRITI SHARMA**  
For Participating in Webinar  
"Energy Regulations Webinar: Challenges to Energy Regulations beyond Corona 2020"  
On  
24 May 2020 (11:00 AM - 12:30 PM)  
Hosted by IEEE Uttar Pradesh Section (India Council).

Dr. Brijesh Singh  
Member, EC-C, IEEE Uttar Pradesh Section

Prof. Ashesh K Singh  
Senior Chair, IEEE Uttar Pradesh Section

This certificate can be verified at [www.ieee.org](http://www.ieee.org)

CERTIFICATE ID: IE00UPW024052  
Dated: 24 May 2020

**IEEE**  
OF SECTION (INDIA)

**CERTIFICATE OF PARTICIPATION**  
is presented to  
**KAUSHIKEE UPADHYAY**  
For Participating in Webinar  
"Energy Regulations Webinar: Challenges to Energy Regulations beyond Corona 2020"  
On  
24 May 2020 (11:00 AM - 12:30 PM)  
Hosted by IEEE Uttar Pradesh Section (India Council).

Dr. Brijesh Singh  
Member, EC-C, IEEE Uttar Pradesh Section

Prof. Ashesh K Singh  
Senior Chair, IEEE Uttar Pradesh Section

This certificate can be verified at [www.ieee.org](http://www.ieee.org)

CERTIFICATE ID: IE00UPW024097  
Dated: 24 May 2020

**IEEE**  
OF SECTION (INDIA)

**CERTIFICATE OF PARTICIPATION**  
is presented to  
**AMAN SINGI**  
For Participating in Webinar  
"Energy Regulations Webinar: Challenges to Energy Regulations beyond Corona 2020"  
On  
24 May 2020 (11:00 AM - 12:30 PM)  
Hosted by IEEE Uttar Pradesh Section (India Council).

Dr. Brijesh Singh  
Member, EC-C, IEEE Uttar Pradesh Section

Prof. Ashesh K Singh  
Senior Chair, IEEE Uttar Pradesh Section

This certificate can be verified at [www.ieee.org](http://www.ieee.org)

**IEEE INDIA COUNCIL**

**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr/Ms **SHUBHAMSHI** has attended the webinar on "Build for India: A step towards Atmanirbhar Bharat", conducted by IEEE India Council Student Coordination Team in association with IEEE Delhi Section, on 06th June 2020.

Prof. B. N. Singh  
IEEE India Council

Prof. Pooja Gaur  
IEEE Delhi Section

Mr. Anshu Gokhale  
IEEE Delhi Section

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**CERTIFICATE OF PARTICIPATION**

This is to certify that **Sanskriti Sharma** has attended the webinar on "Exporting Global Perspective - An Eye Opener for Analytical and Decision Making Skills", held on 15-06-2020.

Dr. Anoop Prakash  
Dr. V. S. Joshi  
Dr. A. Rajendra Prasad  
Dr. Prakash Lakshminarayana

**IEEE**

**CERTIFICATE OF ACHIEVEMENT**

This is to certify that **Pragati Singh** has completed the course **PLAYBACK - Better Event Invites in 7 Easy Steps** on May 29, 2020.

Prof. Ashesh K Singh  
IEEE Uttar Pradesh Section

**PSIT** **IEEE** **IEEE COMPUTER SOCIETY** **IEEE Robotics & Automation Society**

**Certificate of Achievement**

This is to certify that **Pragati Singh** has attended a Webinar on **Cyber Security Systems** held on May 10, 2020.

Dr. Aparna Dhill  
Prof. Sandeep Shukla

**IEEE ISSATE**

**CERTIFICATE OF PARTICIPATION**

THIS IS TO CERTIFY THAT **Pragati Singh** Student of **KIET GROUP OF INSTITUTIONS** has attended "Lada - Advanced Communication" webinar organized by IEEE ISSATE, NOIDA, Student Branch [IST050571] on 30/05/2020.

Dr. Anoop Prakash  
Dr. V. S. Joshi  
Dr. A. Rajendra Prasad

**BBONITM** **IEEE BBDNITM Student Branch**

**CERTIFICATE OF PARTICIPATION**

THIS IS PRESENTED TO **PRACHI JAISWAL** For participating in Quiz Competition on Outcome Based Education (OBE), Organized by DEPARTMENT OF ELECTRICAL ENGINEERING AND ELECTRONICS ENGINEERING in association with IEEE BBDNITM (Institution's branch) on 05/05/2020.

Prof. Rafik Ahmad  
Dr. Shivajesh Kumar

**IEEE** **IEEE AREA STUDENT BRANCH**

**CERTIFICATE OF PARTICIPATION**

This is to certify that **Nitish Kumar** has actively participated in the webinar on **Leadership Development** by **Ms. Geetika Saigal** (No.1 Bestselling author | 5 X TEDx Speaker | Thought Leader | Award-winning Success Coach), organized by IEEE IAS MEA SBC on May 7th 2020.

Prof. B. N. Singh  
Prof. Pooja Gaur  
Mr. Anshu Gokhale

**IEEE** **IEEE STUDENT BRANCH**

**CERTIFICATE OF PARTICIPATION**

This is to certify that **Nitish Kumar** has actively participated in the webinar on **Innovation and Entrepreneurship** by **Dr. Anish K. Tyagi** (IITM | IITD & IITSI Ex-Spoken | Motivational speaker | Actor), organized by IEEE IAS MEA SBC on May 19, 2020.

Dr. Anoop Prakash  
Dr. V. S. Joshi  
Dr. A. Rajendra Prasad

**PSIT** **IEEE** **IEEE COMPUTER SOCIETY** **IEEE Robotics & Automation Society**

**Certificate of Participation**

This is presented to **NITISH KUMAR** for the active participation in the Webinar on **INTRODUCTION TO IOT & SHARPE ROBOTICS** held on Mar 2, 2020.

Prof. B. N. Singh  
Prof. Pooja Gaur  
Mr. Anshu Gokhale

**IEEE INDIA COUNCIL**

**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr/Ms **KAUSHIKEE** has attended the webinar on "Build for India: A step towards Atmanirbhar Bharat", conducted by IEEE India Council Student Coordination Team in association with IEEE Delhi Section, on 06th June 2020.

Prof. B. N. Singh  
Prof. Pooja Gaur  
Mr. Anshu Gokhale

**IEEE** **IEEE CS MEA SBC**

**CERTIFICATE OF PARTICIPATION**

This is to certify that **Kaushik Upadhyay** has actively participated in the webinar on **Getting Started With Technology Fusion: ML, Graph, Big Data and Machine Learning** by **Mr. Sandeep Varma** (Principal (Partner) at ZS), organized by IEEE CS MEA SBC on May 2nd 2020.

Dr. Anoop Prakash  
Dr. V. S. Joshi  
Dr. A. Rajendra Prasad

**IEEE** **IEEE COMPUTER SOCIETY**

**CERTIFICATE OF PARTICIPATION**

This is to certify that **Kaushik Upadhyay** has actively participated in the webinar on **Leadership Development** by **Ms. Geetika Saigal** (No.1 Bestselling author | 5 X TEDx Speaker | Thought Leader | Award-winning Success Coach), organized by IEEE IAS MEA SBC on May 7th 2020.

Dr. Anoop Prakash  
Dr. V. S. Joshi  
Dr. A. Rajendra Prasad

**IEEE** **OF SECTION (INDIA)**

**Certificate of Achievement**

This is to certify that **SANSKRITI SHARMA** has attended "The Impact of IEEE Standard" organized by IEEE UTTAR PRADESH SECTION on 10 April (12:02 AM - 12:30 PM).

Himanshu Mishra  
Nunir Mo

**IEEE Women in Engineering**  
2020 Certificate of Membership

This certificate recognizes **Sanskriti Sharma** as a Student Member in good standing, denoting a personal and professional commitment to the advancement of technology.

Dr. Anoop Prakash  
Dr. V. S. Joshi  
Dr. A. Rajendra Prasad



CERTIFICATE ID: IEEEUP19E20057  
 Dated: 24 May 2020

**IEEE**  
 UP SECTION (INDIA)

**CERTIFICATE OF PARTICIPATION**

is presented to  
**SHUBHAM KUMAR**  
 For Participating in Webinar  
 "Energy Regulations Webinar: Challenges to Energy Regulations beyond Corona 2020"  
 On  
 24 May 2020 (11:00 AM - 12:30 PM)  
 Hosted by IEEE Uttar Pradesh Section (India Council).

Dr. Brijesh Singh  
 IEEE Uttar Pradesh Section

Prof. Ashesh K Singh  
 IEEE Uttar Pradesh Section

This certificate can be verified at: ieee.org

CERTIFICATE ID: IEEEUP19E20056  
 Dated: 24 May 2020

**IEEE**  
 UP SECTION (INDIA)

**CERTIFICATE OF PARTICIPATION**

is presented to  
**NITISH KUMAR**  
 For Participating in Webinar  
 "Energy Regulations Webinar: Challenges to Energy Regulations beyond Corona 2020"  
 On  
 24 May 2020 (11:00 AM - 12:30 PM)  
 Hosted by IEEE Uttar Pradesh Section (India Council).

Dr. Brijesh Singh  
 IEEE Uttar Pradesh Section

Prof. Ashesh K Singh  
 IEEE Uttar Pradesh Section

This certificate can be verified at: ieee.org

**IEEE**  
 INDIA COUNCIL

**CERTIFICATE OF PARTICIPATION**

This is to certify that  
**Nitish Kumar**  
 has actively participated in the webinar on Getting Started With Technology Fusion: NLP, Graph, Big Data and Machine Learning, by Mr. Sandeep Varma (Principal, Partner) at ZSI, organized by IEEE CS MEA SBC on May 2nd 2020.

Prof. Sandeep Varma  
 IEEE CS MEA SBC

Dr. M. B. Tadevkar  
 IEEE CS MEA SBC

Dr. C. A. Manjare  
 IEEE CS MEA SBC

Dr. R. D. Kaphade  
 IEEE CS MEA SBC

**IEEE**  
 COMPUTER SOCIETY

**NCU**  
 THE NATIONAL CENTRAL UNIVERSITY

**Certificate**

This is to certify that  
**Aakash Tripathi** attended the webinar in the series of Technologies that Make a Difference on the topic Python Natural Language Toolkit organized by IEEE NCU Student Branch in association with its CS CHAPTER organized by IEEE CS UPVT and IEEE CS BIT on 06th June, 2020.

Prof. Dr. P. S. Rao  
 Chapter Advisor and Section Chair  
 IEEE CS UPVT

Dr. Brijesh Singh  
 Chapter Advisor  
 IEEE CS BIT

Dr. Sandeep Varma  
 Chapter Advisor  
 IEEE CS BIT

No. NCU/CS/UPVT/CS/2020/0001, Dated: 06th June 2020

**GALGOTIAS UNIVERSITY**

**Centre of Excellence**  
**Power Engineering and Clean Energy Integration**

**Certificate of Participation**

This is to certify that  
**Prachi Jaiswal**  
 of  
**KIET Group of Institution**  
 Has Successfully Attended National Webinar  
 on  
 "The Role of Power Electronics in Providing a Sustainable Energy Supply for the Future"  
 27th June 2020

Prof. (Dr.) Preeti Bajaj  
 Mentor, COE-PE & CEI

**IEEE**  
 INDIA COUNCIL

**CERTIFICATE OF APPRECIATION**

This is to certify that  
**KAUSHIKEE UPADHYAY**  
**KIET Group of Institutions, Ghaziabad**  
 participated in the "Quiz Competition on Space Technology" organised by KIET IEEE Student Branch (STB11398) at KIET Group of Institutions, Ghaziabad, Uttar Pradesh on dated 17 Jan 2020.

Credencial ID: EBTLWV-CE00014

Branch Counselor  
 Chair  
 Secretary

**IEEE**  
 UP SECTION (INDIA)

**CERTIFICATE OF PARTICIPATION**

THIS IS TO CERTIFY THAT  
**Akash Tripathi**  
 HAS PARTICIPATED IN  
**IEEE SIGHT UP SECTION**  
**Quiz on COVID-19**

Prof. Ashesh Kumar  
 Chairperson  
 IEEE UP Section

Dr. Manoj K. Mishra  
 Coordinator  
 SIGHT IEEE UP Section

**IEEE**  
 SIGNAL PROCESSING SOCIETY

**CERTIFICATE OF PARTICIPATION**

This is to certify that  
**Akash Tripathi**  
 attended the Webinar on "Machine Learning and Algorithms" organized by IEEE Signal Processing Chapter, Student Branch, India Institute of Information Technology, Allahabad on 1<sup>st</sup> June, 2020.

Dr. Sanjay Singh  
 Faculty Advisor, IEEE SSPS Chapter

Dr. S. S. Mishra  
 SSPS Chapter Chair

**IEEE**  
 BBDNITM Student Branch

**CERTIFICATE OF PARTICIPATION**

THIS IS PRESENTED TO  
**PRAGATI SINGH**

For participating in the Competition on Outcome Based Education (OBE) Organized by DEPARTMENT OF ELECTRICAL, ENGINEERING AND ELECTRICAL & ELECTRONICS ENGINEERING in association with IEEE BBDNITM Student Branch on 05/05/20.

On MAY 31, 2020

Prof. Hafiz Ashraf  
 Head of Dept.  
 IEEE BBDNITM/STB 0014

Dr. Anand K. Kulkarni  
 Chairman  
 IEEE BBDNITM/STB 0014

**IEEE**  
 BBDNITM Student Branch

**CERTIFICATE OF PARTICIPATION**

THIS IS PRESENTED TO  
**ARPIT BHUSHAN SHARMA**

For participating in Quiz Competition on Outcome Based Education (OBE) Organized by DEPARTMENT OF ELECTRICAL, ENGINEERING AND ELECTRICAL & ELECTRONICS ENGINEERING in association with IEEE BBDNITM Student Branch on 05/05/20.

On MAY 31, 2020

Prof. Hafiz Ashraf  
 Head of Dept.  
 IEEE BBDNITM/STB 0014

Dr. Anand K. Kulkarni  
 Chairman  
 IEEE BBDNITM/STB 0014

**SSIT**

**IEEE SSIT Madras Section**  
 Presents  
 in association with  
**Sri Manakula Vinayagar Engineering College**  
 (Department of Electrical & Electronics Engineering  
 Madagalore, Puducherry)

**Participation Certificate**

This is to certify that  
**Prachi Jaiswal**  
 participated in the "Business Communication" Webinar held on 03rd May 2020 (10:00 AM - 12:00 PM IST) in association with Sri Manakula Vinayagar Engineering College (Department of Electrical & Electronics Engineering, Madagalore, Puducherry)

Dr. S. Anantharam  
 Head of Department  
 IEEE SSIT Madras Section

Neerajshankar Ramani  
 Chair, IEEE SSIT Madras Section

Dr. V. S. Venkatesh Babu  
 Executive Director

**Certificate of Participation**

THIS IS PRESENTED TO  
**Pragati Singh**

who has actively participated in the 4-days International Technology Data Science Bootcamp 10 presented by IEEE SSIT Madras Section in association with WPower, Tableau & IEEE YESSIT-2020 from June 4th to June 7th, 2020

Neerajshankar Ramani  
 Chair, IEEE SSIT Madras Section

Dr. V. S. Venkatesh Babu  
 Executive Director

**Certificate of Achievement**

THIS IS PRESENTED TO  
**Pragati Singh**

who has completed the assessment with the score of 100% in the International Technology Data Science Bootcamp 10 presented by IEEE SSIT Madras Section in association with WPower (An initiative of World Bank Group), Tableau & IEEE YESSIT-2020 from June 4th to June 7th, 2020.

Neerajshankar Ramani  
 Chair, IEEE SSIT Madras Section

Dr. V. S. Venkatesh Babu  
 Executive Director

**Certificate of Achievement**

THIS IS PRESENTED TO  
**Arpit Bhushan Sharma**

who has completed the assessment with the score of 100% in the International Technology Data Science Bootcamp 10 presented by IEEE SSIT Madras Section in association with WPower (An initiative of World Bank Group), Tableau & IEEE YESSIT-2020 from June 4th to June 7th, 2020.

Neerajshankar Ramani  
 Chair, IEEE SSIT Madras Section

Dr. V. S. Venkatesh Babu  
 Executive Director

PRESENTED BY IEEE SSIT MADRAS SECTION CHAPTER

**Data Science Bootcamp 1.0**

Your Entry Ticket for  
**June 4-7, 2020**  
**IEEE Virtual Cloud**  
<https://www.ieee.org/conf/isbc/2020/>

Name: Arpit Bhushan Sharma  
 Participant Ticket  
 ALUMI ONLY  
 Includes Attendance & Knowledge

Thanks for Participation!

**IEEE**  
 INDIA COUNCIL

**CERTIFICATE OF PARTICIPATION**

This is to certify that  
**Arpit Bhushan Sharma**  
 has actively participated in the webinar on Getting Started With Technology Fusion: NLP, Graph, Big Data and Machine Learning, by Mr. Sandeep Varma (Principal, Partner) at ZSI, organized by IEEE CS MEA SBC on May 2nd 2020.

Dr. M. B. Tadevkar  
 IEEE CS MEA SBC

Dr. C. A. Manjare  
 IEEE CS MEA SBC

Dr. R. D. Kaphade  
 IEEE CS MEA SBC

**IEEE**  
 BOMBAY SECTION  
 STUDENT ACTIVITY COMMITTEE

**CERTIFICATE OF APPRECIATION**

Proudly presented to  
**Arpit Bhushan Sharma**  
 for successfully participating in the  
 Webinar by Dr. Celia Shahnaz on  
 Research and Innovation to Lead Smart World  
 on 30<sup>th</sup> May, 2020

Prof. Kiran Talele  
 SAC Chair  
 IEEE Bombay Section

JSPM'S  
**JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING**  
 HADAPSAR, PUNE

Recognized by AICTE, New Delhi, DTE Mumbai, Affiliated to Savitribai Phule Pune University, Accredited by NAAC

Department of Electronics and Telecommunication

**CERTIFICATE OF PARTICIPATION**

This is to certify that  
**Arpit Bhushan Sharma**  
 Has actively participated in National Level Poster Competition on  
 "INTERDISCIPLINARY INNOVATIVE IDEAS"  
 Organized in association with IEEE Pune Section On 28<sup>th</sup> May 2020

Dr. M. B. Tadevkar  
 Prof. T. S. More  
 Event Coordinators

Mr. Girish Khilari  
 Chair, IEEE Pune Section

Dr. C. A. Manjare  
 Head of Department

Dr. R. D. Kaphade  
 Principal

**IEEE**  
 BOMBAY SECTION  
 STUDENT ACTIVITY COMMITTEE

**CERTIFICATE OF APPRECIATION**

Proudly presented to  
**Arpit Bhushan Sharma**  
 for successfully participating in the  
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Prof. Kiran Talele  
 SAC Chair  
 IEEE Bombay Section

JSPM'S  
**JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING**  
 HADAPSAR, PUNE

Recognized by AICTE, New Delhi, DTE Mumbai, Affiliated to Savitribai Phule Pune University, Accredited by NAAC

Department of Electronics and Telecommunication

**CERTIFICATE OF PARTICIPATION**

This is to certify that  
**Arpit Bhushan Sharma**  
 Has actively participated in National Level Poster Competition on  
 "INTERDISCIPLINARY INNOVATIVE IDEAS"  
 Organized in association with IEEE Pune Section On 28<sup>th</sup> May 2020

Dr. M. B. Tadevkar  
 Prof. T. S. More  
 Event Coordinators

Mr. Girish Khilari  
 Chair, IEEE Pune Section

Dr. C. A. Manjare  
 Head of Department

Dr. R. D. Kaphade  
 Principal

**IEEE**  
 INDIA COUNCIL

**CERTIFICATE OF PARTICIPATION**

This is to certify that **ABHINAV SINGH** has attended the webinar on "Build for India: A step towards Atmanirbhar Bharat", conducted by IEEE India Council Student Cooperation Team in association with IEEE Delhi Section, on 06th June 2020.

Prof. S. S. Ghosh  
 IEEE Delhi Section

Prof. Praveen Kumar  
 IEEE Delhi Section

Mr. Anshul Srivastava  
 IEEE Delhi Section

**IEEE** CERTIFICATE OF PARTICIPATION

This is to certify that **Akash Tripathi** has actively participated in the webinar on **Getting Started With Technology Fusion: NLP, Graph, Big Data and Machine Learning**, by Mr. Sandeep Varma (Principal/Partner) at ZS, organized by IEEE CS MEA SBC on May 2nd 2020.

Event Coordinators: Dr. M. S. Tadwalkar, Prof. T. S. Mote, Mr. Girish Khilari, Dr. C. A. Manjare, Dr. R. D. Kamphade

**Web.S** IIEEE STUDENT BRANCH- WSC COLLEGE OF ENGINEERING WAI AKKAD

**CERTIFICATE OF APPRECIATION**

THIS IS TO CERTIFY **AKASH TRIPATHI** OF KIET GROUP OF INSTITUTION FOR HONORING HIS ACTIVE PARTICIPATION IN THE WORLD WEBINAR SERIES ORGANIZED BY IEEE STUDENTS WAIAC ON WSC COLLEGE OF ENGINEERING WAI AKKAD ON APRIL 11 TO APRIL 20 2020.

Event Coordinators: Dr. M. S. Tadwalkar, Prof. T. S. Mote, Mr. Girish Khilari, Dr. C. A. Manjare, Dr. R. D. Kamphade

**JSPM'S JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING HADAPSAR, PUNE**

Department of Electronics and Telecommunication

**CERTIFICATE OF PARTICIPATION**

This is to certify that **Arpit Bhushan Sharma, Brijesh Singh & Neeraj Gupta** From KIET Group of Institutions, Gazitabad, [U.P.] actively participated and won **1<sup>st</sup> Prize in National Level Poster Competition on "INTERDISCIPLINARY INNOVATIVE IDEAS"** Organized in association with IEEE Pune Section On 28<sup>th</sup> May 2020.

**PSIT** **IEEE** **IEEE COMPUTER SOCIETY**

**Certificate of Achievement**

This is to certify that **Arpit Bhushan** has attended a Webinar on **Cyber Security Systems** held on May 10, 2020.

Event Coordinators: Dr. M. S. Tadwalkar, Prof. T. S. Mote, Mr. Girish Khilari, Dr. C. A. Manjare, Dr. R. D. Kamphade

**IEEE** **IEEE STUDENT BRANCH**

**CERTIFICATE OF PARTICIPATION**

is presented to **SAMARTH SHUKLA** For Participating in Webinar **"Energy Regulations Webinar: Challenges to Energy Regulations beyond Corona 2020"** On **24 May 2020 (11:00 AM - 12:30 PM)** Hosted by **IEEE Uttar Pradesh Section (India Council)**.

Event Coordinators: Dr. M. S. Tadwalkar, Prof. T. S. Mote, Mr. Girish Khilari, Dr. C. A. Manjare, Dr. R. D. Kamphade

**SAI RAM ENGINEERING COLLEGE**

**CERTIFICATE OF PARTICIPATION**

THIS IS TO CERTIFY **Samarth Shukla** has attended the webinar on **Expensive Global Perspectives - An Eye Opener for Analytical and Decision Making Skills** held on 24 May 2020.

Event Coordinators: Dr. M. S. Tadwalkar, Prof. T. S. Mote, Mr. Girish Khilari, Dr. C. A. Manjare, Dr. R. D. Kamphade

**St. JOSEPH'S INSTITUTE OF TECHNOLOGY**

**Certificate of Participation**

This is to certify that Mr./Ms **Vansham Chaudhary** of Kiet group of institution has attended the webinar on **"IEEE Impact in Individual"** delivered by Mr. Abdul Halik M I, R10 SAC Ambassador, **IEEE Madras Section** conducted by the IEEE Student Branch, St. Joseph's Institute of Technology on 28<sup>th</sup> June 2020.

**Certificate of Achievement**

THIS IS TO CERTIFY THAT **SAMARTH SHUKLA** OF KIET GROUP OF INSTITUTIONS has secured a place in the **Top 15 in QuorumTime**, a six-day online event conducted by the Computer Society Chapter of IEEE Student Branch, Amal Jyothi College of Engineering, held from 28<sup>th</sup> May to 2<sup>nd</sup> June 2020.

**IEEE** **CERTIFICATE OF PARTICIPATION**

THIS CERTIFICATE IS HEREBY PRESENTED TO **Pragati Singh** in appreciation of participation in **A step towards enlightening Alma Nihilanta in our youths in Higher Educational Institutions as an IEEE Bangalore Webinar: Learning Series** organized by IEEE Bangalore Section on 10<sup>th</sup> April 2020.

**Certificate of Participation**

THIS IS TO CERTIFY THAT **PRACHI JAISWAL** OF KIET GROUP OF INSTITUTIONS has actively participated in **QuorumTime**, a six-day online event conducted by the Computer Society Chapter of IEEE Student Branch, Amal Jyothi College of Engineering, held from 28<sup>th</sup> May to 2<sup>nd</sup> June 2020.

**IEEE STUDENT BRANCH Certificate of Participation**

This is to certify that **Nitish Kumar** has attended the webinar on **"Smart Battery Energy Management and Health Conscious Fast Charging For Future Transportation"** conducted by the IEEE SBC of St. Joseph's Institute of Technology on 28<sup>th</sup> April, 2020.

**IEEE STUDENT BRANCH Certificate of Participation**

This is to certify that **Kaushikee Upadhyay** has attended the webinar on **"Smart Battery Energy Management and Health Conscious Fast Charging For Future Transportation"** conducted by the IEEE SBC of St. Joseph's Institute of Technology on 28<sup>th</sup> April, 2020.

**IEEE STUDENT BRANCH Certificate of Participation**

This is to certify that **Kaushikee Upadhyay** has attended the webinar on **"Grid Connected And Stand-alone Solar Plant Design Using PVsyst"** conducted by the IEEE SBC of St. Joseph's Institute of Technology on 07<sup>th</sup> May, 2020.

**IEEE INDIA COUNCIL** **IEEE** **IEEE STUDENT BRANCH**

**CERTIFICATE OF PARTICIPATION**

This is to certify that Mr./Ms **SAMARTH SHUKLA** has attended the webinar on **"Build for India: A step towards Atmanirbhar Bharat"**, conducted by IEEE India Council Student Coordination Team in association with IEEE Delhi Section, on 06th June 2020.

**CERTIFICATE of Participation**

This Certificate is proudly presented to **Akash Tripathi** for actively attending the webinar **"Deep Learning: unfolding the concepts"** with Tammy Baskhi organized by IEEE Computer Society Chapter, IEEE ADIT SB on 12<sup>th</sup> April, 2020.

**Certificate of Achievement**

**THIS IS PRESENTED TO Samarth Shukla** who has completed the assessment with the score of 19/19 in the international Technology Data Science Bootcamp 1.0 presented by IEEE SSIT Madras Section in association with WePower (An Initiative of World Bank Group), Tableau & IEEE YES12-2020 from June 4th to June 7th, 2020.

**IEEEAcSIR-CSIO Student Branch**

**CERTIFICATE OF PARTICIPATION**

This certificate is presented to **Samarth Shukla** for participating in the online quiz on the Theme: **Biodiversity** held on June 5, 2020 to celebrate this year's **World Environment Day**.

**Certificate Of Participation**

This certificate is presented to **Pragati Singh** for attending an international level webinar of **Automation & Robotics Talks 2020** organized by IEEE Robotics & Automation Society GCET Student Branch Chapter, G.H.Patel College of Engineering & Technology, CVR University on May 23, 2020.





[An Integrated Campus approved by AICTE  
Accredited by NAAC with Grade 'A' (5yrs.)]

(An ISO-9001:2008 Certified Institute)

Affiliated to AKTU, Lucknow

Summer Internship Programme

On

## Advance Power Engineering Technologies, Instruments and Green Energy

(June 12-July 09, 2019)

Organized by

Centre of Excellence for Power Engineering Technologies and Clean Energy Integration  
(CEPET&CEI)

Department of Electrical & Electronics Engineering

KIET Group of Institutions, Ghaziabad, Uttar Pradesh-201206, India



*Technically Sponsored by*

*IEEE PES/IAS Joint Chapter UP Section*



*Technical Partner*

*OPAL-RT Technologies*

### Objective of Internship

It is known fact that the rapid growth of power industry and green energy technologies will increase the job opportunities and required high scaled skill hands in this area. India ranks as one of the largest countries in renewable energy production which includes significantly use of wind, solar, biomass, etc. The resource augmentation and its use in energy technologies have not been kept in pace to match the increasing energy demand, leaving significant energy shortages in India.

The Internship Programme will address in-depth knowledge on solar and wind energy conversion, energy storage and device fabrication. Further, this workshop would provide an excellent platform for students to gain knowledge in state of art technologies in the field including advance power engineering instruments and equipment. The objective of this event is to provide hands-on experience and improve problem solving ability of students in the relevant area. The students' will be able to design and develop some research models based on power engineering technologies including green energy system.

### Organizing Committee

**Dr. Neeraj Kumar Gupta, Chair**  
*Professor and Head of Department*

**Prof. Kapil Gandhi, Coordinator**

**Prof. Ramesh Singh, Co-Coordinator**

**Dr. Brijesh Singh, Convener CEPET&CEI**

**Prof. Ajeet Kumar Singh, Co-Coordinator**

### Registration Fee

The registration fee for the students (UG, PG and Research Scholars) is **Rs. 1500/-**. A maximum number of students participating in the programme is limited to 30 students. Acceptance of registration in programme is on first come first serve basis. All participants are requested to complete registration before **June 08, 2019**. Payment of registration fee for participation in the school by cash payment in **KIET Account Office** or by **KIET Paytm Transfer**.

*Note: The registration fee does not include any accommodation facility in the campus. Please submit registration form and payment slip to the coordinators by June 08, 2019.*

### Important Dates

Registration Started	May 6, 2019
Last date of registration	<b>June 08, 2019</b> May 30, 2019
Starting of Internship	June 12, 2019
Ending of Internship	July 09, 2019

### For details

Contact Nos.: +91-9410013014, +91-9716000576, +91-8003643472 Email: [kapil.gandhi@kiet.edu](mailto:kapil.gandhi@kiet.edu)





[An Integrated Campus approved by AICTE  
Accredited by NAAC with Grade 'A' (5yrs.)]

(An ISO-9001:2008 Certified Institute)  
Affiliated to AKTU, Lucknow

**Registration Form**

**Summer Internship Programme  
On  
Advance Power Engineering Technologies,  
Instruments and Green Energy  
(June 12-July 09, 2019)**

**Organized by**

**Centre of Excellence for Power Engineering Technologies and Clean Energy Integration  
(CEPET&CEI)**

Department of Electrical & Electronics Engineering  
KIET Group of Institutions, Ghaziabad, Uttar Pradesh-201206, India



**Technically Sponsored by  
IEEE PES/IAS Joint Chapter UP Section**



**Technical Partner  
OPAL-RT Technologies**

1. Name of the Student \_\_\_\_\_  
(In Block Letters)

2. Father/Guardian Name \_\_\_\_\_

3. Name of Institute \_\_\_\_\_

3. Name of University \_\_\_\_\_

4. Branch \_\_\_\_\_ Student (UG) \_\_\_\_\_

4. University Enrollment Number \_\_\_\_\_ Year/Semester \_\_\_\_\_

7. Address for Communication \_\_\_\_\_

E-Mail Address \_\_\_\_\_ Phone / Mobile No. \_\_\_\_\_

**8. Payment Details**

For KIET Students only: Fee Receipt No.  Amount Rs.  Date

**OR**

Details of payment via Paytm Transfer (Scan QR Code and select "Course fee for existing students")

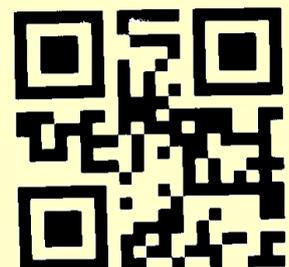
Mobile no.  Amount Rs.  Date

Transaction reference no.

Place \_\_\_\_\_  
Date \_\_\_\_\_

(Signature of applicant)

Note: Please submit registration form and payment slip to the coordinators by June 8<sup>th</sup>, 2019.





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Summer Internship Programme  
On  
**Advance Power Engineering Technologies,  
Instruments and Green Energy**  
(June 12-July 09, 2019)

Organized by

**Centre of Excellence for Power Engineering Technologies and Clean Energy Integration  
(CEPET&CEI)**

Department of Electrical & Electronics Engineering  
KIET Group of Institutions, Ghaziabad, Uttar Pradesh-201206, India



**Technically Sponsored by**  
**IEEE PES/IAS Joint Chapter UP Section**



**Technical Partner**  
**OPAL-RT Technologies**

**Course Structure**

**Module 1: Fundamental of Design and Fabrication of Electrical Systems**

Introduction to electrical and electronic components, electrical wiring, design and fabrication of inductors and transformers, PCBs fabrication using CNC machine.

**Module 2: Advance Electrical Measurement Equipment**

Introduction and operation of digital storage oscilloscope, 1 $\emptyset$  and 3 $\emptyset$  power analyzers, variable frequency drive, and measuring instruments.

**Module 3: Introduction to Renewable Energy Systems and Experiments**

Renewable energy, introduction to solar PV and wind power generation system, experiments on solar PV research & training system, wind power simulator.

**Module 4: Introduction to Advanced Topics in Power Engineering Applications**

Introduction to smart grid, concept of microgrid, energy storage, MATLAB modelling and simulation of hybrid microgrid, application of real-time simulations.

## REGISTRATION FOR SUMMER INTERNSHIP

Advance Power Engineering Technologies, Instruments and Green Energy

(June 12-July 09, 2019)

S.N.	Name	Email	Mobile
1.	Pragati Singh	<a href="mailto:Singhpragati135@gmail.com">Singhpragati135@gmail.com</a>	9792572510
2.	Kaushikee Upadhyay	<a href="mailto:Kaushikee1310.1998@gmail.com">Kaushikee1310.1998@gmail.com</a>	6265342250
3.	Prateek singh	<a href="mailto:Prateeksingh0303@gmail.com">Prateeksingh0303@gmail.com</a>	7007909925
4.	Deepak kumar	<a href="mailto:Deepakkumar3575446@gmail.com">Deepakkumar3575446@gmail.com</a>	9625455181
5.	Devishri Bassi	<a href="mailto:Devishribassi1999@gmail.com">Devishribassi1999@gmail.com</a>	9554272444
6.	Yash Kumar	<a href="mailto:Yashkumar96561@gmail.com">Yashkumar96561@gmail.com</a>	8057455570
7.	Pritam Verma	<a href="mailto:Pritamverma77312@gmail.com">Pritamverma77312@gmail.com</a>	8791690942
8.	Sourabh Raja	<a href="mailto:Starraja502@gmail.com">Starraja502@gmail.com</a>	7282032513
9.	Shoaib Akhtar	<a href="mailto:Shoaib07112000@gmail.com">Shoaib07112000@gmail.com</a>	8372814391
10.	Rohan Singh	<a href="mailto:Vpr.rohan.rs77@gmail.com">Vpr.rohan.rs77@gmail.com</a>	9984438211
11.	Vipin Yadav	<a href="mailto:Vipinyadav1425@gmail.com">Vipinyadav1425@gmail.com</a>	6387087566
12.	Akarshi Verma	<a href="mailto:Akarshiverma.01@gmail.com">Akarshiverma.01@gmail.com</a>	6388676496
13.	Shubham Kumar	<a href="mailto:Shubham.1822en1140@kiet.edu">Shubham.1822en1140@kiet.edu</a>	9097435604
14.	Shivam	<a href="mailto:Shivam.1822en1134@kiet.edu">Shivam.1822en1134@kiet.edu</a>	7060560967

	Sharma		
15.	Shubham Gupta	<a href="mailto:Shubham.1822en1139@kiet.edu">Shubham.1822en1139@kiet.edu</a>	9161184224
16.	Shashwat Dwivedi	<a href="mailto:Shashwat.1822en1130@kiet.edu">Shashwat.1822en1130@kiet.edu</a>	9838385846
17.	Ayushmaan Saini	<a href="mailto:Ayushmaan.saini29@gmail.com">Ayushmaan.saini29@gmail.com</a>	7906057721
18.	Nitish Kumar	<a href="mailto:Kumarnitish80899@gmail.com">Kumarnitish80899@gmail.com</a>	7309563763
19.	Shyamji Shukla	<a href="mailto:Shukla1234shyam@gmail.com">Shukla1234shyam@gmail.com</a>	8707572774
20.	Nikhil Chauhan	<a href="mailto:Chauhannikhil2014@gmail.com">Chauhannikhil2014@gmail.com</a>	9045520335



IEEE PES/IAS Joint Chapter, Uttar Pradesh Section

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## MEETING MINUTES

**Meeting Details:** 4th / 2019 Executive Committee Meeting

**Date:** 25<sup>th</sup> May 2019, Saturday

**Time:** 12:00 to 13:00

**Location:** ACES 214, IIT Kanpur, INDIA

**Executive Committee Members Attendees:** Mr. Akhilesh, Dr. Brijesh Singh (over IEEE WebEx), Dr. M A Hussain (over IEEE WebEx), Dr. Sandeep Anand, Dr. Soumya Ranjan Sahoo, Mr. Sreenath

**Special Invitees:** Mr. Ankit, Mr. Saurabh

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## Agenda Items

### AI-1. Ratification of the last (3rd) ExCom meeting's minutes

The minutes were circulated by email among all the members of the executive committee and no comments are received. The minutes of the last executive meetings were ratified in the current meeting.

### AI-2. Proposal to conduct the KIET Summer Internship Programme under the banner of IEEE PES/IAS Joint Chapter Uttar Pradesh Section by Dr. Brijesh Singh

The committee discussed the proposal and approved the technical co-sponsorship of the event. The executive body will also look for some resource person (if possible) to give a technical talk or hands-on during the event. The organizers of the event are allowed to use the name and logo of the Chapter in their promotional materials and kits. As reporting the complete event as a single event is not possible on vTools (maximum limit is 5-days) so, it has been suggested that this event can be reported as four different 5-days events (like "event\_name/week1", "event\_name/week2" and so on).

### AI-3. Proposal to conduct the REC Ambedkarnagar Summer Internship Programme under the banner of IEEE PES/IAS Joint Chapter Uttar Pradesh Section by Dr. M A Husain

The committee discussed the proposal and approved the technical co-sponsorship of the event. The organizers of the event are allowed to use the name and logo of the Chapter in their promotional materials and kits. As reporting the complete event as a single event is not possible on vTools (maximum limit is 5-days) so, it has been suggested that this event can be reported as four different 5-days events (like “event\_name/week1”, “event\_name/week2” and so on).

The committee suggested the organizers of above two program to plan for the collaborative program in the future and explore for possible funding directly from IEEE HQ, PES, IAS, WIE or YP for next year event.

**AI-4. Technical co-sponsorship for UPCON 2019 at AMU Aligarh**

The committee approved the technical co-sponsorship for the UPCON 2019 by IEEE PES/IAS Joint Chapter UP Section. Also, the committee suggested for brief-talk/one-session of about 15-minutes during the conference for membership development drive, include pamphlets/flyer of PES-IAS in conference kits and space to put the standees of PES/IAS Joint Chapter during the conference. This would increase the visibility of PES and IAS societies in UP Section.

**AI-5. Status of funding and sponsorship for UP PES IAS Congress 2019**

Mr. Akhilesh And Mr. Ankit informed the executive committee that the IEEE Young Professional had approved the funding of \$1300 through its event funding portal and Tektronix India has agreed to give sponsorship of ₹50,000 for the UP PES IAS Congress.

**AI-6. Summary of events conducted during April 2019 as part of PES Day celebration.**

Mr. Akhilesh briefed the events conducted during April month as part of the PES Day celebration. A total of seven events were conducted at different places within the UP section under the banner of PES/IAS Joint Chapter. Mr. Akhilesh will send the report of these events to the UP section and PES HQ for publishing in their e-newsletter. The chair also congratulated the committee members for organizing such wonderful events.

**AI-7. Inviting suggestions for future events**

The committee discussed the events for the next 2-3 months. The internship at KIET and REC Ambedkar Nagar are some finalized events. And if some proposals come, it will be considered in the subsequent meetings. It has been decided that small events with a maximum expenditure of ₹2,000 can be approved by the Chair or Vice Chair. Also,

no advance can be provided and the bills must be submitted to get the reimbursement of expenditure.

Note: For special cases, approval for higher expenditure can be given based on the priority and relevance with interest of the Chapter.

**AI-8. Financial summary of the Chapter's earning and expenditure during the year 2018-19**

Mr. Akhilesh presented a brief of the Chapter's earning in the previous years. It has been concluded that the Chapter earns approximately ₹30,000 to ₹50,000 every year depending on performance in the previous year. While making any expenditure and allocating the funds for different events this earning will be considered.

**AI-9. TA/DA reimbursement policy of the Chapter for attending the ExCom meetings of the Chapter**

The committee decided to defer this item for the next ExCom meeting.

**AI-10. Other items**

The committee discussed the need of the Chapter's website and its importance in getting higher funds from the PES sponsored awards programs like HPCA. Dr. Alsam has voluntarily taken the responsibility to get it done. Certificates or recognition may be given to the team of 2-3 students for developing the website from the Joint chapter side, subjected to their good performance. Mr. Akhilesh will provide the required content and other support.

Minutes prepared by-  
Akhilesh Prakash Gupta  
Secretary, IEEE PES/IAS joint chapter UP section

-----END OF THE MINUTES -----



Dr. Brijesh Singh &lt;brijesh.singh@kiet.edu&gt;

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**Invitation to deliver two days lecture in KIET Group of Institutions (Ref: Dr. Brijesh Singh)**

6 messages

**Kapil Gandhi** <kapil.gandhi@kiet.edu>

Wed, Dec 26, 2018 at 1:18 PM

To: Gagan@opal-rt.com

Cc: "NEERAJ KR. Gupta" &lt;neeraj.gupta@kiet.edu&gt;, Brijesh Singh &lt;brijesh.singh@kiet.edu&gt;

Dear Sir,

We are pleased to invite you to the FDP Programme on "Real Time simulation and AI Applications on Electrical Systems" to be held on 7-11th January 2019 on the Electrical and Electronics Engineering Department of KIET Group of Institutions.

As per your discussion with Dr. Brijesh Singh, I am inviting you to deliver one days training/lecture on OPAL-RT at 10th January 2019.

Kindly acknowledge this mail to confirm your esteem presence in our programme.

(Broucher is enclosed)

(Note: Only Local Hospitality will be provided by KIET Group of Institutions)

Thank you

--

With Regards-

**Kapil Gandhi**

Assistant Professor

Electrical and Electronics Engineering Department

KIET Group of Institutes.

Mobile: +91-9410013014

Email: [kapilkiet@gmail.com](mailto:kapilkiet@gmail.com), [kapil.gandhi@kiet.edu](mailto:kapil.gandhi@kiet.edu)
**FDP.pdf**  
753K

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**Kapil Gandhi** <kapil.gandhi@kiet.edu>

Wed, May 8, 2019 at 2:33 PM

To: gagan@opal-rt.com

Cc: brijesh.singh@kiet.edu

Dear Sir,

We are pleased to invite you to the Summer Internship Programme on "Advance Power Engineering Technologies, Instruments and Green Energy" to be held on 12th June-09th July 2019 on the Electrical and Electronics Engineering Department of KIET Group of Institutions.

As per your discussion with Dr. Brijesh Singh, I am inviting you to deliver two days training/lecture on OPAL-RT at 8th- 9th July 2019.

[Quoted text hidden]


**Summer Internship Programme\_KIET.pdf**  
217K

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**Gagan Deep Puri** <Gagan@opal-rt.com>

Tue, May 21, 2019 at 4:03 PM

To: "kapil.gandhi@kiet.edu" &lt;kapil.gandhi@kiet.edu&gt;

Cc: "brijesh.singh@kiet.edu" &lt;brijesh.singh@kiet.edu&gt;

Dear Sir,

We confirm our participation for two days – 8 & 9 July 2019 in your below mentioned Event . Our Experts will be made available on the mentioned dates to deliver two days lecture/ training on OPAL-RT Solution & Real Time Applications

Please find attached our Banner which you can use for the event.

In case any more details are seeked please let me know.

Thanks &amp; Regards,

**Gagan Deep Puri**

Sales Manager (North &amp; East India)

M: +91-9818277887; [gagan@opal-rt.com](mailto:gagan@opal-rt.com)

Opal-RT Technologies India Pvt. Ltd.

[www.opal-rt.com](http://www.opal-rt.com)


---

**HQ Address:** Opal-RT Technologies, 1751 Richardson, Suite 2525, Montreal, Quebec, Canada, H3K 1G6

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[Quoted text hidden]


**Logo\_OPAL-RT\_jpg.jpg**  
18K



**Karipreddy Hemasekhar** <Karipreddy.Hemasekhar@opal-rt.com>  
 To: "kapil.gandhi@kiet.edu" <kapil.gandhi@kiet.edu>, "kapilkiet@gmail.com" <kapilkiet@gmail.com>  
 Cc: "brijesh.singh@kiet.edu" <brijesh.singh@kiet.edu>, Hashmath Khan <Hashmath.Khan@opal-rt.com>

Mon, Jun 24, 2019 at 8:01 PM

Dear sir,

Thanks for giving the the opportunity for OPAL-RT to participate in the program.

I have seen the brochure ,in this it was mentioned the program is from July 9 th to 12 th. But in the mail you mentioned our slot is on 8 and 9<sup>th</sup>. Kindly clarify the dates.

pl let us know the duration of the slots (timings) etc so that we can adjust our speaking material accordingly.

With best regards,

**Hemasekhar**

Field Application Engineer

+91-9609702805

karipreddy.hemasekhar@opal-rt.com



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**From:** Kapil Gandhi [mailto:kapil.gandhi@kiet.edu]  
**Sent:** Wednesday, May 8, 2019 2:33 PM  
**To:** Gagan Deep Puri <Gagan@opal-rt.com>  
**Cc:** brijesh.singh@kiet.edu  
**Subject:** Invitation to deliver two days lecture in KIET Group of Institutions (Ref: Dr. Brijesh Singh)

Dear Sir,

[Quoted text hidden]



**Summer Internship Programme\_KIET.pdf**  
217K

**Kapil Gandhi** <kapil.gandhi@kiet.edu>  
 To: Karipreddy Hemasekhar <Karipreddy.Hemasekhar@opal-rt.com>  
 Cc: "brijesh.singh@kiet.edu" <brijesh.singh@kiet.edu>, Hashmath Khan <Hashmath.Khan@opal-rt.com>

Tue, Jun 25, 2019 at 9:52 AM

Dear Sir,

First accept my thanks to accept our invitation. Kindly again review the brochure, the program started from 12th June already. The slot for OPAL-RT is fixed on 8th and 9th July, 2019.

Kindly confirm your presence. You can call me directly for further query at +91-9410013014

[Quoted text hidden]

With Regards-

**Kapil Gandhi**

Member (IEEE, IEEE-YP, IEEE-SIGHT), Member -IAENG  
 Assistant Professor

**Electrical and Electronics Engineering Department**

**KIET Group of Institutes.**

Mobile: +91-9410013014

Email: [kapilkiet@gmail.com](mailto:kapilkiet@gmail.com), [kapil.gandhi@kiet.edu](mailto:kapil.gandhi@kiet.edu)

**Karipreddy Hemasekhar** <Karipreddy.Hemasekhar@opal-rt.com>  
 To: "brijesh.singh@kiet.edu" <brijesh.singh@kiet.edu>  
 Cc: "kapil.gandhi@kiet.edu" <kapil.gandhi@kiet.edu>

Thu, Jul 18, 2019 at 6:38 PM

Dear sir,

I request you send me the list of participants with their mails details for this workshop. I need to submit in office. Please kindly do the needful .

Thanks &amp; regards

sekhar

OPAL-RT TECHNOLOGIES.

9/28/21, 11:29 PM

KIET GROUP OF INSTITUTIONS Mail - Invitation to deliver two days lecture in KIET Group of Institutions (Ref: Dr. Brijesh Singh)

**From:** Kapil Gandhi <[kapil.gandhi@kiet.edu](mailto:kapil.gandhi@kiet.edu)>

**Sent:** Tuesday, June 25, 2019 9:52:18 AM

**To:** Karipireddy Hemasekhar

**Cc:** [brijesh.singh@kiet.edu](mailto:brijesh.singh@kiet.edu); Hashmath Khan

**Subject:** Re: Invitation to deliver two days lecture in KIET Group of Institutions (Ref: Dr. Brijesh Singh)

[Quoted text hidden]



Dr. Brijesh Singh &lt;brijesh.singh@kiet.edu&gt;

## Requisition regarding conduction of KIET Summer Internship Programme under the banner of IEEE PES/IAS Joint Chapter Uttar Pradesh Section and KIET IEEE Student Branch.

7 messages

BRIJESH SINGH &lt;brijesh.singh@kiet.edu&gt;

Thu, May 2, 2019 at 12:53 PM

To: Asandeeep <asandeeep@iitk.ac.in>, Akhilesh Prakash Gupta <apgupta@iitk.ac.in>  
 Cc: "NEERAJ KR. Gupta" <neeraj.gupta@kiet.edu>, Kapil Gandhi <kapil.gandhi@kiet.edu>, Ramesh Singh <ramesh.singh@kiet.edu>, Ajeet Singh <ajeet.singh@kiet.edu>

To,

The Chair,  
 IEEE PES/IAS Joint Chapter Uttar Pradesh Section  
 IIT Kanpur

Dear Sir,

It is our pleasure to inform you that the Centre of Excellence for Power Engineering Technologies and Clean Energy Integration, Department of Electrical and Electronics Engineering, KIET Group of Institutions Ghaziabad is planning to organize a **Summer Internship Programme On "Advance Power Engineering Technologies, Instruments and Green Energy"** during June 12-July 09, 2019 in association with OPAL-RT Technologies as a Technical Partner.

The objective of this event is to provide hands-on experience and improve the problem-solving ability of students in the relevant area. The students' will be able to design and develop some research models based on power engineering technologies including green energy system. It is a known fact that the rapid growth of the power industry and green energy technologies will increase the job opportunities and required high scaled skill hands in this area. The proposed Internship Programme will address in-depth knowledge on solar and wind energy conversion, energy storage and device fabrication. Further, this workshop would provide an excellent platform for students to gain knowledge in the state of art technologies in the field including advanced power engineering instruments and equipment. We have decided to accept a maximum of 30 nos. of registrations in this event.

We would like to organize the mentioned event under the banner of IEEE PES/IAS Joint Chapter Uttar Pradesh Section and KIET IEEE Student Branch.

Therefore, it is requested grant your permission to incorporate the name of the chapter on the banner of mentioned event and requested to provide technical/financial supports form the chapter as a sponsor of the proposed Internship Programme. ([please refer the attachment for details of the event](#))

Looking forward to your favourable decision and encouragement,

Thank you with regards,

**Dr. Brijesh Singh, Senior Member IEEE, IEEE-PES, IEEE-YP, IEEE-SC, IEEE-SGC, IEEE-SIGHT Associate Professor**, Department of Electrical and Electronics Engineering, KIET Ghaziabad  
**Convener**, Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), KIET Ghaziabad  
**Member**, IEEE-SIGHT KIET Branch  
**Executive Committee Member**, IEEE PES/IAS Joint Chapter UP Section, IIT Kanpur  
**Contacts:** +91-8377825935 (O), +91-9450838018 (R)  
**Email:** brijesh.singh@kiet.edu, singhb1981@gmail.com, bsingh1981@ieee.org

Summer Internship Programme\_KIET.pdf  
 217K

Mail Delivery System <MAILER-DAEMON@iitk.ac.in>  
 To: brijesh.singh@kiet.edu

Thu, May 2, 2019 at 12:54 PM

This is the mail system at host mail4.iitk.ac.in.

I'm sorry to have to inform you that your message could not be delivered to one or more recipients. It's attached below.

For further assistance, please send mail to postmaster.

If you do so, please include this problem report. You can delete your own text from the attached returned message.

The mail system

<me.sandeepanand@gmail.com>: host gmail-smtp-in.l.google.com[74.125.68.27] said: 550-5.7.1 Unauthenticated email from kiet.edu is not accepted due to domain's 550-5.7.1 DMARC policy. Please contact the administrator of kiet.edu domain if 550-5.7.1 this was a legitimate mail. Please visit 550-5.7.1 <https://support.google.com/mail/answer/2451690> to learn about the 550 5.7.1 DMARC initiative. j11si16304834plb.302 - gsmt (in reply to end of DATA command)

Final-Recipient: rfc822; me.sandeepanand@gmail.com

Original-Recipient: rfc822;asandeeep@iitk.ac.in

Action: failed

Status: 5.7.1

Remote-MTA: dns: gmail-smtp-in.l.google.com

Diagnostic-Code: smtp; 550-5.7.1 Unauthenticated email from kiet.edu is not accepted due to domain's 550-5.7.1 DMARC policy. Please contact the administrator of kiet.edu domain if 550-5.7.1 this was a legitimate mail. Please visit 550-5.7.1 <https://support.google.com/mail/answer/2451690> to learn about the 550 5.7.1 DMARC initiative. j11si16304834plb.302 - gsmt

noname  
 5K

Akhilesh Prakash Gupta <apgupta@iitk.ac.in>  
 To: Asandeeep <asandeeep@iitk.ac.in>, Me sandeepanand <me.sandeepanand@gmail.com>  
 Cc: Brijesh singh <brijesh.singh@kiet.edu>

Thu, May 2, 2019 at 6:26 PM

Respected Sir, kindly find the below proposal sent by Dr. Brijesh Singh and reply him. I request Dr. Brijesh to use Gmail ID of Dr. Sandeep ( [me.sandeepanand@gmail.com](mailto:me.sandeepanand@gmail.com) ) for future communications.

Thanks

---

Akhilesh Prakash Gupta  
 Secretary, IEEE PES/IAS Joint chapter UP section  
 Treasurer, IEEE PES SBC IIT Kanpur  
 Ph.D. Scholar, Electrical Engg, IIT Kanpur  
 email: [apgupta@iitk.ac.in](mailto:apgupta@iitk.ac.in); [apgupta1809@gmail.com](mailto:apgupta1809@gmail.com)  
 Mb. (+91) 9455342782

"Without your involvement, you can't succeed and with your involvement, you can't fail." -A.P.J. Abdul Kalam

----- Original Message -----

**Subject:**[\*\*SPAM?\*\*) Requisition regarding conduction of KIET Summer Internship Programme under the banner of IEEE PES/IAS Joint Chapter Uttar Pradesh Section and KIET IEEE Student Branch.  
**Date:**2019-05-02 12:53  
**From:**BRIJESH SINGH <[brijesh.singh@kiet.edu](mailto:brijesh.singh@kiet.edu)>  
**To:**Asandeeep <[asandeeep@iitk.ac.in](mailto:asandeeep@iitk.ac.in)>, Akhilesh Prakash Gupta <[apgupta@iitk.ac.in](mailto:apgupta@iitk.ac.in)>  
**Copy:**"NEERAJ KR. Gupta" <[neeraj.gupta@kiet.edu](mailto:neeraj.gupta@kiet.edu)>, Kapil Gandhi <[kapil.gandhi@kiet.edu](mailto:kapil.gandhi@kiet.edu)>, Ramesh Singh <[ramesh.singh@kiet.edu](mailto:ramesh.singh@kiet.edu)>, Ajeet Singh <[ajeet.singh@kiet.edu](mailto:ajeet.singh@kiet.edu)>

[Quoted text hidden]

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**Sandeep Anand** <[me.sandeepanand@gmail.com](mailto:me.sandeepanand@gmail.com)>  
 To: Akhilesh Prakash Gupta <[apgupta@iitk.ac.in](mailto:apgupta@iitk.ac.in)>  
 Cc: Brijesh singh <[brijesh.singh@kiet.edu](mailto:brijesh.singh@kiet.edu)>

Fri, May 3, 2019 at 10:06 AM

Dear Akhilesh: Kindly add this to agenda for next excom meeting  
 Dear Dr. Brijesh: Somehow i have missed your previous emails. There may be some issue with my IITK email ID. Please use my gmail id for future communications.

-Sandeep Anand

[Quoted text hidden]

**Akhilesh Prakash Gupta** <[apgupta@iitk.ac.in](mailto:apgupta@iitk.ac.in)>  
 To: BRIJESH SINGH <[brijesh.singh@kiet.edu](mailto:brijesh.singh@kiet.edu)>  
 Cc: Asandeeep <[asandeeep@iitk.ac.in](mailto:asandeeep@iitk.ac.in)>, "NEERAJ KR. Gupta" <[neeraj.gupta@kiet.edu](mailto:neeraj.gupta@kiet.edu)>, Kapil Gandhi <[kapil.gandhi@kiet.edu](mailto:kapil.gandhi@kiet.edu)>, Ramesh Singh <[ramesh.singh@kiet.edu](mailto:ramesh.singh@kiet.edu)>, Ajeet Singh <[ajeet.singh@kiet.edu](mailto:ajeet.singh@kiet.edu)>

Sat, May 25, 2019 at 1:14 PM

Dear Sir,

As per our discussion on 25th May 2019 in the 4th ExCom meeting of IEEE PES/IAS Joint Chapter UP Section, we are pleased to inform you that the executive body has agreed on the technical sponsorship of the event. The executive body will also look for some resource person (if possible) to give a technical talk or hands-on during the event. The organizers of the event are allowed to use the name and logo of the Chapter in their promotional materials and kits (Find the logo in the attachment). Other details in this regards will be included in the MOM.

Thanks and Regards

---  
 Akhilesh Prakash Gupta  
 Secretary, IEEE PES/IAS Joint chapter UP section  
 Treasurer, IEEE PES SBC IIT Kanpur  
 Ph.D. Scholar, Electrical Engg, IIT Kanpur  
 email: [apgupta@iitk.ac.in](mailto:apgupta@iitk.ac.in); [apgupta1809@gmail.com](mailto:apgupta1809@gmail.com)  
 Mb. (+91) 9455342782

"Without your involvement, you can't succeed and with your involvement, you can't fail." -A.P.J. Abdul Kalam

[Quoted text hidden]

## 2 attachments



**Logo\_PES\_IAS.jpg**  
112K

 **Logo\_PES\_IAS.pptx**  
319K

**BRIJESH SINGH** <[brijesh.singh@kiet.edu](mailto:brijesh.singh@kiet.edu)>  
 To: Kapil Gandhi <[kapil.gandhi@kiet.edu](mailto:kapil.gandhi@kiet.edu)>

Mon, Nov 11, 2019 at 1:36 PM

----- Forwarded message -----

**From:** BRIJESH SINGH <[brijesh.singh@kiet.edu](mailto:brijesh.singh@kiet.edu)>  
**Date:** Thu 2 May, 2019, 12:53  
**Subject:** Requisition regarding conduction of KIET Summer Internship Programme under the banner of IEEE PES/IAS Joint Chapter Uttar Pradesh Section and KIET IEEE Student Branch.  
**To:** Asandeeep <[asandeeep@iitk.ac.in](mailto:asandeeep@iitk.ac.in)>, Akhilesh Prakash Gupta <[apgupta@iitk.ac.in](mailto:apgupta@iitk.ac.in)>

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 **Summer Internship Programme\_KIET.pdf**  
217K

**Kapil Gandhi** <[kapil.gandhi@kiet.edu](mailto:kapil.gandhi@kiet.edu)>  
 To: Brijesh Singh <[brijesh.singh@kiet.edu](mailto:brijesh.singh@kiet.edu)>

Mon, Nov 11, 2019 at 1:58 PM

To,

The Chair,  
 IEEE PES/IAS Joint Chapter Uttar Pradesh Section  
 IIT Kanpur

Dear Sir,

It is our pleasure to inform you that the Centre of Excellence for Power Engineering Technologies and Clean Energy Integration, Department of Electrical and Electronics Engineering, KIET Group of Institutions Ghaziabad is planning to organize a **Short Term Training Programme On "Modelling and Simulations of Renewable Energy Systems and Integration"** during January 06th -10th, 2020 in association with OPAL-RT Technologies as a Technical Partner.

The mentioned program deals with the new challenging issue of system modelling and design development in the field of renewable energy integration. The increasing demand for green energy integration required to understand some new technologies and its application methodologies. In other words, the understanding of modelling and simulation of these technologies are needed for practicing technician to achieve fast and accurate solutions during the operations.

The STTP on **Modelling and Simulations of Renewable Energy Systems and Integration** is skill development and training program in which experts will teach the modelling and simulation (theoretically and their practical approaches) of various electrical systems such as power systems, power electronics, electrical drives, signal and systems etc. After attending the event, students' will be able to design and develop some research models based on these technologies. We have decided to accept a maximum of 30 nos. of registrations in this event.

We would like to organize the mentioned event under the banner of IEEE PES/IAS Joint Chapter Uttar Pradesh Section and KIET IEEE Student Branch.

Therefore, it is requested grant your permission to incorporate the name of the chapter on the banner of mentioned event and requested to provide technical/financial supports form the chapter as a sponsor of the proposed Internship Programme. (*please refer the attachment for details of the event*)

Looking forward to your favourable decision and encouragement,

Thank you with regards,

**Dr. Brijesh Singh, Senior Member IEEE, IEEE-PES, IEEE-YP, IEEE-SC, IEEE-SGC, IEEE-SIGHT Associate Professor**, Department of Electrical and Electronics Engineering, KIET Ghaziabad  
**Convener**, Centre of Excellence for Power Engineering Technologies and Clean Energy Integration (CEPET&CEI), KIET Ghaziabad  
**Member**, IEEE-SIGHT KIET Branch  
**Executive Committee Member**, IEEE PES/IAS Joint Chapter UP Section, IIT Kanpur  
**Contacts:** +91-8377825935 (O), +91-9450838018 (R)  
**Email:** brijesh.singh@kiet.edu, singhb1981@gmail.com, bsingh1981@ieee.org



[www.kiet.edu](http://www.kiet.edu)

KIET Group of Institutions

Delhi-NCR, Meerut Road (NH-58)  
Ghaziabad - 201206



## Kapil Gandhi

Assistant Professor

Deptt. of Electrical & Electronics Engg.,

Member (IEEE, IEEE-YP, IEEE-SIGHT),

Member -IAENG

M.Tech, Ph.D.(Pursuing)

Mob.: +91 9410013014



**Department Vision:** To achieve excellence in technical education and create competent professionals for industry & Socio-economic development to meet National and International needs.

*Shaping Young Minds with Skill Oriented & Value Based Education*

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## NOTE

### Skill Development Program for EN Students

As per the discussions on departmental road map, department has planned to conduct skill development program for the departmental students.

Sr. No.	Name of the course	Target Students	Duration/ time	Faculty/ course instructors
1.	1. Introduction to Recent Technology for industry 4.0 ( 10 hrs) 2. Project Management for engineers (10 hrs)	IV Year students	2 Hrs /week/section <u>Total 20 Hrs</u>	Mr. Ashish Thombre/Dt. Arvind Kumar Sharma
2.	Industrial Electronics circuit design and fabrication	III Year students	2 Hrs /week/section Total 20 Hrs	Mr. Ashish Thombre/ Mr. Anil Kumar
3.	3 Elective subjects are planned to be floated.  i. Industrial Applications of Fuzzy logic ii. Electric Vehicles iii. Programming Embedded Electronics- Embedded C	II year students	2 Hrs /week/section Total 20 Hrs (Friday of each week)	Dr. Neeraj Kumar Gupta/Dr. Brijesh Singh/Mr. Naveen Kumar/ <u>External instructors</u>

#### **Description of the Execution Plan of Skill Development Programme:**

##### **A. For III Year and IV Year**

It has been planned to conduct Skill Development Programme for III year and Final year students 2 Hrs /week/section as per the timetable by internal faculty members. The hands on work will be performed in the labs of the department as well as in the innovation lab with the consultation of Mr. Abhay Upaddhay.



## **A.1 The expected Outcome:**

### **Final year:**

- i. Students will become aware of the manufacturing and additive manufacturing processes
- ii. Students will become aware of the rapid prototyping and product development process
- iii. Students will become aware of Industrial Internet of Things (IIoT) as adapted by industry 4.0.
- iv. Students will become aware of project management procedure and requirements of the industry in this regard.

The assessment of the students will be done based on report writing assignment and minor project assignment.

**The main objective of this course is to enhance the employability of the students.**

### **Third year Students:**

- i. Students will become aware of the design and fabrication of industrial electronic circuits. These circuits find applications in almost every sector of the industry.
- ii. Students will be able to understand the basic principles of power circuit design.
- iii. Students will be able to understand the basic principles of control circuit design
- iv. Students will become aware of design, development and fabrication process as adapted by the industry.

The assessment of the students will be done based on minor project assignment.

## **A.2 Expenditure incurred:**

### **For III year and Final year SDP:**

The resource persons will be internal.

Mony  
A.K.S  
Thamban  
Bis Jinn

**For II Year student:**

The resource person from industry will be hired on each Friday of the week and all the students of second year will undergo through Skill Development Programme of their choice.

i. Industrial Applications of Fuzzy logic - The remuneration of Rs. 1200/- per day (1 day in week) is being proposed for the expert from industry.

ii. Electric Vehicles – Rs. 6,000/- per day for the experts from Tech-Imperial Pvt. Ltd. and Imperial Society for Innovative Engineers (ISIE)

iii. Programming Embedded Electronics- Embedded C- The remuneration of Rs. 1200/- per day (1 day in week) is being proposed for the expert from industry.

The total expenditure for the II year SDP is Rs. 84,000/- for the duration of 10 weeks. The amount sanctioned in the budget for guest lecture is Rs. 80,000/-.

It is therefore requested to sanction the above skill development program structure so that details of the program can be worked out.

 27/12/18

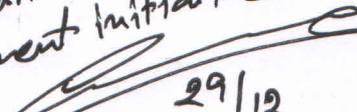
**Dr. Neeraj Kumar Gupta**  
**HoD(EN)**

**Dr. (Col.) A Garg**  
**Director**  
**(For Kind Approval)**

Approved

27 Dec 18.

~~Director (Admin)~~  
PI Success.

We  
Approved above  
Agst. additional skill  
development initiative  
  
29/12

**KIET GROUP OF INSTITUTIONS, GHAZIABAD**  
**Department of Electrical & Electronics Engineering**  
**Skill Development Program : EVEN Semester 2018-19**

S No	University Roll No.	Student Name	Sem	Sec	Subject Name	Signature
1	1702921001	AANCHAL TYAGI	4	A	E-Vehicles	Aanchal
2	1702921002	AROHI KAUSHIK	4	A	E-Vehicles	Arohi
3	1702921003	AASHAD AHMAD	4	A	E-Vehicles	Aashad
4	1702921004	AAYUSH GUPTA	4	A	E-Vehicles	Aayush
5	1702921016	ADITYA CHATURVEDI	4	A	E-Vehicles	Aditya
6	1702921017	ADITYA SINGH	4	A	E-Vehicles	Aditya Singh
7	1702921018	ADITYA TRIPATHI	4	A	E-Vehicles	Aditya
8	1702921019	AJAY TYAGI	4	A	E-Vehicles	Ajay Tyagi
9	1702921020	AJAY YADAV	4	A	E-Vehicles	Ajay Yadav
10	1702921021	AKASH AGRAWAL	4	A	E-Vehicles	Akash
11	1702921022	AKASH SINHA	4	A	E-Vehicles	Akash
12	1702921023	AKASH SRIVASTAVA	4	A	E-Vehicles	Akash Srivastava
13	1702921024	AMAN SRIVASTAVA	4	A	E-Vehicles	Aman Srivastava
14	1702921037	ASHISH KUMAR	4	A	E-Vehicles	Ashish
15	1702921038	ASHU KUMAR	4	A	E-Vehicles	Ashu Kumar
16	1702921042	BANEESH KUMAR	4	A	E-Vehicles	Baneesh Kumar
17	1702921043	BHARAT KUMAR PATHAK	4	A	E-Vehicles	Bharat
18	1702921044	BHAVYA GOEL	4	A	E-Vehicles	Bhavya
19	1702921045	DAYANAND	4	A	E-Vehicles	Dayanand
20	1702921046	DEEPAK KUMAR CHOUDHARY	4	A	E-Vehicles	Deepak Choudhary
21	1702921047	DEV AGARWAL	4	A	E-Vehicles	Dev Agarwal
22	1802921903	KARTIK SAXENA	4	A	E-Vehicles	Kartik
23	1802921906	PRASHANT KUMAR	4	A	E-Vehicles	Prashant
24	1702921053	HARI KANT SHUKLA	4	B	E-Vehicles	Hari Kant
25	1702921054	HARSH DUBEY	4	B	E-Vehicles	Harsh
26	1702921056	HARSH VARDHAN BANSAL	4	B	E-Vehicles	Harsh
27	1702921058	HIMANSHU KUMAR SINGH	4	B	E-Vehicles	Himanshu
28	1702921062	JEET SINGH PANWAR	4	B	E-Vehicles	Jeet Singh Panwar
29	1702921063	KARAN SINGH	4	B	E-Vehicles	Karan
30	1702921064	KHUSHI NAGAR	4	B	E-Vehicles	Khushi
31	1702921068	LOVY SHARMA	4	B	E-Vehicles	Lovy
32	1702921069	MANOHAR GUPTA	4	B	E-Vehicles	Manohar
33	1702921070	MAYANK KUMAR GAUTAM	4	B	E-Vehicles	Mayank G.
34	1702921071	MILAN MISHRA	4	B	E-Vehicles	Milan Mishra
35	1702921074	MOHD AKMAL	4	B	E-Vehicles	Akmal
36	1702921075	MOHD DANISH	4	B	E-Vehicles	Danish
37	1702921076	MOHD FAIZ	4	B	E-Vehicles	Fai Z
38	1702921077	MOHIT AGARWAL	4	B	E-Vehicles	Mohit
39	1702921078	NAMAN KANSAL	4	B	E-Vehicles	Naman
40	1702921079	NAVNEET PRASAD	4	B	E-Vehicles	Navneet
41	1702921080	NAYANIKA SINGH	4	B	E-Vehicles	Nayanika
42	1702921081	NEHA	4	B	E-Vehicles	Neha
43	1702921082	NIKHIL KUMAR	4	B	E-Vehicles	Nikhil
44	1702921084	NISHANT KUMAR	4	B	E-Vehicles	Nishant

**KIET GROUP OF INSTITUTIONS, GHAZIABAD**  
**Department of Electrical & Electronics Engineering**  
**Skill Development Program : EVEN Semester 2018-19**

S No	University Roll No.	Student Name	Sem	Sec	Subject Name	Signature
45	1702921085	NISHANT SHARMA	4	B	E-Vehicles	Nishant
46	1702921086	NISHU VERMA	4	B	E-Vehicles	Nishu
47	1702921087	PAWAN KUMAR	4	B	E-Vehicles	Pawan Kumar
48	1702921089	PRACHI PAL	4	B	E-Vehicles	Prachi
49	1702921090	PRAKHAR BHARDWAJ	4	B	E-Vehicles	Prakhar Bb
50	1702921094	PRATIBHA RATNAKAR	4	B	E-Vehicles	Pratibha
51	1702921095	PRATIK KUMAR SINGH	4	B	E-Vehicles	Pratik
52	1802921901	ANUPAM GUPTA	4	B	E-Vehicles	Anupam Gupta
53	1702921102	RAHUL TIWARI	4	C	E-Vehicles	
54	1702921105	RISHI RAJ	4	C	E-Vehicles	Rishi Raj
55	1702921107	ROHIT KUMAR	4	C	E-Vehicles	
56	1702921111	SAKSHAM JAIN	4	C	E-Vehicles	Saksham Jain
57	1702921116	SHILPY TYAGI	4	C	E-Vehicles	Shilpy
58	1702921117	SHIVAM GUPTA	4	C	E-Vehicles	Shivam
59	1702921118	SHIVAM KUMAR	4	C	E-Vehicles	Shivam
60	1702921127	SURAJ	4	C	E-Vehicles	Suraj
61	1702921131	TUSHAR NIMESH	4	C	E-Vehicles	
62	1702921133	UMANG SINGH	4	C	E-Vehicles	Umang Singh
63	1702921134	VAISHAKH REGHUNATHAN	4	C	E-Vehicles	Vaishakh
64	1702921135	VANDANA CHAUDHARY	4	C	E-Vehicles	Vandana
65	1702921136	VED PRAKASH YADAV	4	C	E-Vehicles	Vedprakash
66	1702921137	VIKAS KUMAR RAI	4	C	E-Vehicles	
67	1702921138	VIKAS YADAV	4	C	E-Vehicles	Vikas
68	1702921140	VISHAL NISHAD	4	C	E-Vehicles	Vishal
69	1702921141	VIVEK KUMAR MAURYA	4	C	E-Vehicles	Vivek
70	1702900005	ABHISHEK PANDEY	4	C	E-Vehicles	Abhishek
71	1802921905	MOHAMMAD ARISH	4	C	E-Vehicles	M. Arish

1. **Trainer Name-** Mr. Sambhav Jain

- M.Sc. (Motorsports Engineering) From Oxford Brookes University, U.K

**Area of Expertise-**

- Design Engineering
- Vehicle Dynamics
- Product Design & Development
- Race Car Aerodynamics
- Electric Vehicle Design & Development
- Innovation & Technology
- Motorsports

**Career Highlights-**

- Workshop Trainee in Jaguar and Land Rover
- Skill Development Trainer for Electric Solar Vehicle Championship
- Skill Development Trainer for Formula Imperial
- Skill Development Trainer for Skill Development Cell
- Three Years in Hand experience on open wheel car racing with Formula Student (U.K)

2. **Trainer Name-** Mr. Chandra Mohan Sharma

- ISIEINDIA Trainer

**Area of Expertise-**

- Electric Solar Vehicle Engineering
- Vehicle Design & Development
- Motorsports

**Career Highlights-**

- Skill Development Trainer for Electric Solar Vehicle Championship
- Skill Development Trainer for E-Mobility Education

Electric Vehicle Engineering  
As  
Specialization Program ISIE-INDIA

**ACADEMIA PARTNERSHIP PROGRAM ON ELECTRIC VEHICLE DESIGN AND DEVELOPMENT , KIET GHAZIABAD**

Status of Course Coverage during Session 2018-2019 Even Semester

WEEK	DAY	TOPIC COVERED
WEEK 1	✓ 18 January 2019	Introduction to electric vehicle and how it is better than combustion engine. It includes history , development and recent ressearch in electric vehicle and explain how electric
WEEK 2	✓ 25 January 2019	Introduction to electrical system , aboutbattery , electric veehicle . Hybrid electric vehicle and its types, Solar electric car and its brief introduction about chasis , stering , braking,
WEEK 3	✓ 8 February 2019	Power requirement , power concept, lift power, calculation & example, Power producing using motor,types of motor, motor torque variation,motor speed variation graphs,motor
WEEK 4	✓ 8 March 2019	Motor calculation for EV, Motor design and simulation in
WEEK 5	✓ 15 March 2019	Controller introduction, Types of controller depending on load,Controller features, Significance, Controller selection, <b>Controller Companies and Availability</b>
WEEK 6	22 March 2019	Controller design & Simulation in Software
WEEK 7	29 March 2019	Batteries chemistry, types of application, Battry manufacturing process, Battery selection methodlogy,
WEEK 8	✓ 5 April 2019	Battery design and simulation in Software.
WEEK 9	✓ 12 April 2019	Electrical System Design Integration & Simulation in software.
WEK 10	19 April 2019	EV summary with all system and subsystem integration along with battery motor controller demonstration and Functional

*[Signature]*  
15.03.2019

(Dr. Brijesh Singh)  
SDP Coordinator

**SHUBHAM KUMAR**  
Management Representative  
+91 - 9219198250

**MCN SOLUTIONS PVT.LTD.**

☎ 91-120-4274121, 4313539  
✉ shubham.kumar@mcnsolutions.net  
🌐 www.mcnsolutions.net  
🏠 H 217, Second Floor, Sector 63, Noida 201301 U.P. INDIA



Date: 11/07/2017

NOTE

MCA Department of KIET Group of Institutions has initiated the MOU with MCN Solutions Pvt. Ltd., which has been signed by the respected Director of the institution Dr. J. Girish in the presence of Dr. Manoj Goel( CAO, KIET Group of Institutions). Mr. Dinesh Beniwal(Vice President, MCN Solutions Pvt. Ltd.) has represented MCN Solutions Pvt. Ltd.. There are many provisions in the MOU through which MCA Department will be able to facilitate events such as Technical conferences, Guest Lectures, Workshops, Industry Visits, etc. to it's students along with the students of Computer Science and Information Technology. Along with the HOD (Computer Applications) Dr. Ajay Kumar Srivastva, Assistant Professor Dr. Amit Kumar also witnessed the signing event. With the hope that the MOU will immerge as success in terms of imparting technical education, it has been signed.



**MEMORANDUM OF UNDERSTANDING**

This Memorandum of Undertaking is made on the day of ..... 11<sup>th</sup> ..... ~~March~~ <sup>July</sup>, 2017.

**BETWEEN**

"KIET Group of Institutions", 13 km stone, Ghaziabad-Meerut Road, NH-58, Muradnagar, Ghaziabad, Uttar Pradesh (Hereinafter referred as "First Part" as an institute represented by its authorized Mr. / Mrs. Dr. J. Girish, Director

**AND**

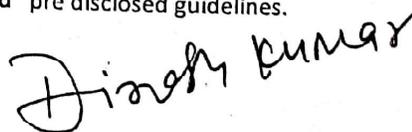
"MCN Solutions Pvt. Ltd", a company incorporated under the Companies Act, 1956 having a Corporate Identification Number: U72200UP2004PTC028717, with its registered office at H- 217, 1<sup>st</sup>& 2<sup>nd</sup> Floor, Sector- 63, Noida- 201301 U.P.

(Hereinafter referred as "Second part" as company owns the innovation center named "C# Corner Innovation Centre", represented by an authorized signatory Mr. Dinesh Kumar as a Co-Founder.

1. The center for which this MOU is signed is to be known as "C# Corner Innovation Centre", which is managed and owned by "MCN Solutions Pvt. Ltd".
2. Whereas the Innovation Centre is desirous of undertaking for the education and development of the students with "KIET Group of Institutions", both parts to this Memorandum of Understanding with the intention of both being legally bound, accept the following terms and conditions as follows:

**Coordination and Contact Points**

- a. "MCN Solutions Pvt. Ltd" for coordination on broad policy issues and matters related to centralized operations.
- b. C# Corner Innovation Centre for all the operational matters which includes events, seminars and workshops as per "MCN Solutions Pvt. Ltd" pre disclosed guidelines.



### 3. Responsibilities of the C# Corner Innovation Centre

The Innovation Centre shall;

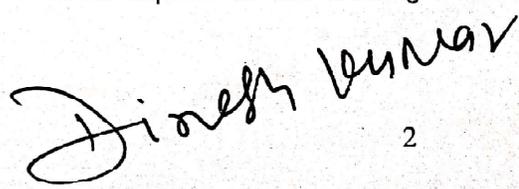
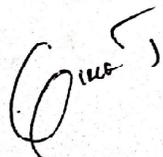
A- Organize the event, seminar and workshops activities under "C# Corner Innovation Centre" pre disclosed guidelines.

- a. Have no financial commitment or involvement on behalf of "C# Corner Innovation Centre" nor shall take loans or create any other financial liability binding "C# Corner Innovation Centre" under this agreement.
- b. Provide certificate by C# corner based on online and offline test on monthly or half annually basis.
- c. Will provide possible free assistance for students on national and international projects.
- d. Will provide possible free assistance for the students for MSP [Microsoft Student Partner].
- e. Will provide possible free assistance for Imagine Cup.
- f. Will provide possible free assistance for Dedicated Page on the C# corner for international recognition.
- g. Organize the event on quarterly basis and hackathon on half annually.
- h. Arrange for demos on latest devices based on latest technology.
- i. Have all employees relating to this project on its payroll or shall invite outside Guest Speakers/faculty on its own and "C# Corner Innovation Centre" shall have no legal, financial or any other responsibility towards them.
- j. Follow the career and other educational materials supplied for free by "C# Corner Innovation Centre" as may be amended from time to time wherever possible.
- k. Provide free assistance for the conduct of study visits, industry visits etc.
- l. Provide free of cost handholding facilities, counseling and guidance to the attendees engaged in events.

B- Responsibilities of "KIET Group of Institutions" towards "C# Corner Innovation Centre":

The "KIET Group of Institutions" shall:

- a. Provide the following minimum infrastructural facilities:
  1. Computers with Latest Configuration [Min 4GB RAM, i3 Processor], if possible.
  2. Projector with Display [6\*6] if possible
  3. Computer Lab
  4. 2 Co-coordinators whenever required
- b. Provide norms and guidelines wherever necessary.
- c. Provide a space for Flex Board near to concerned computer lab at College premises in name of "C# Corner Innovation Centre".
- d. Be responsible for the logistics and operational aspects of the training component of the Innovation center.



- e. Provide timely clarifications regarding academic inputs and any other necessary information to the Innovation Center.
- f. Maintain records of the regular attendance and share them with "C# Corner Innovation Centre".
- g. Participate through proper co-ordination and consultation that the entire Innovation center can provide quality educational deliverables under the said center.

**C- Force Majeure**

In the event of non-fulfillment of the contract terms and conditions due to any reason of force majeure namely fires, wars, riots, strikes, natural calamities, etc., neither the Innovation Centre nor "MCN Solutions Pvt. Ltd" shall be held responsible for any loss or consequential loss.

**D- Indemnity**

The Innovation Centre hereby agrees jointly and severally to indemnify "MCN Solutions Pvt. Ltd" their representatives, administrators and properties from and against all action, demands, proceedings, prosecutions, attachments and the like arising out of its liabilities and all charges, taxes etc.

**E- Liabilities**

Neither "MCN Solutions Pvt. Ltd" nor "KIET Group of Institutions" shall be liable for the following

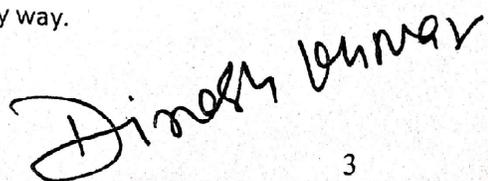
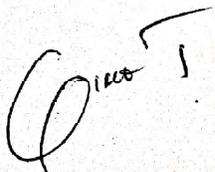
- a. Any payments of claims by employees of the "C# Corner Innovation Centre".
- b. Discharging any financial commitments made by "C# Corner Innovation Centre".

**F-** "MCN Solutions Pvt. Ltd" or "KIET Group of Institutions" shall not be liable for any suit on account of demands for infringement of copyright and other laws by the Innovation center, which have no nexus with the object of the MOU being entered into.

**G-** The "KIET Group of Institutions" shall ensure that all its software in its premises is legal. "MCN Solutions Pvt. Ltd" shall not be responsible in any way for any liabilities arising out of use of pirated software.

**H- Breach of Agreement**

"MCN Solutions Pvt. Ltd" shall have the right to terminate the agreement with the "KIET Group of Institutions" in case either fails to provide the assistance successfully as mentioned in the agreement or violates any of the clauses mentioned in the MOU or misuses the partnership with "MCN Solutions Pvt Ltd" in any way.



**I- Amendment to the Agreement**

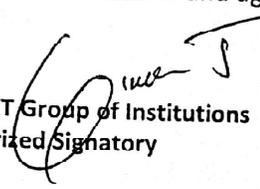
The obligation of the Innovation Centre and "MCN Solutions Pvt. Ltd" has been outlined in this agreement. However, during the operation of the agreement, circumstances may arise which call for alteration or modifications of this agreement. These modifications/alterations will be mutually discussed and agreed upon in writing.

**J- Period of Validity**

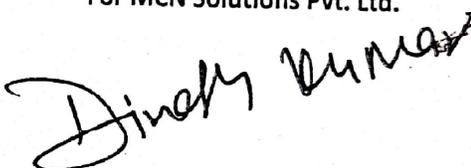
This agreement shall be initially valid for one year from the date of signing the agreement and to be renewed subsequently by the mutual consent of both the parts.

**K- Arbitration**

Any dispute arising with regard to any aspect of this agreement shall be settled through mutual consultations and agreements by the parts to the agreement.

  
For KIET Group of Institutions  
Authorized Signatory

For MCN Solutions Pvt. Ltd.



**Dated:**

**Place:**

**KIET Group of Institutions, Ghaziabad**  
**Department of Computer Applications**

(An ISO – 9001: 2008 Certified & 'A' Grade accredited Institution by NAAC)

Dated: 7/3/2018

**NOTICE**

MCA III C students are notified that tomorrow an Industrial Visit is planned for you at sharp 9 am. The visit is to MCN Solutions, NOIDA. The topics will get covered in regard of Kotlin and Android, which will enhance your employability. You all are mandatorily required to be assembled sharp at 9 am in your classroom.

  
HOD MCA  
(Prof. Ajay Kumar Srivastava)



# KIET Group of Institutions, Ghaziabad

## Department of Computer Applications

(An ISO - 9001: 2008 Certified & 'A' Grade accredited Institution by NAAC)

Dated: 7/3/2018

To  
The Director  
K.I.E.T., Ghaziabad

Subject: Regarding Industrial Visit to MCN Solutions, NOIDA

Respected Sir,

Department of Computer Applications is organizing Industrial Visit to MCN Solutions, NOIDA on 8/3/2018 for MCA III C. We need your permission for the same and also request you kindly permit us to avail the transport facility facilitated by college. The bus is required to accommodate around 60 students. We will start around 09.15 am and will come back near to 3:30pm. Following Faculty members are giving the company to the students during the visit:

1. Dr. Amit Kumar
2. Dr. Sangeeta Arora

Kindly approve the same.

Requested by Dr. Amit Kumar (IIC Coordinator): 

Forwarded by Dr. Ajay Srivastava (HOD MCA):   
7/3/18

Approved by Director (KIET Group of Institutions):

Approved!  
  
04/3

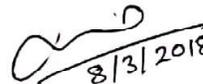
(Feedback be submitted  
within 48 hrs!)

**KIET GROUP OF INSTITUTIONS, GHAZIABAD  
INDUSTRIAL VISIT TO MCN SOLUTIONS, NOIDA**

Dated: 08.03.2018

**MCA II YEAR**

Sl. No.	Univ Roll	Student Name	Sec	Grade
1	1702914901	ABHISHEK KUMAR	C	A
2	1702914902	ADITYA PRASAD ✓	C	B
3	1702914903	AKANKSHA AHLAWAT ✓	C	A
4	1702914904	AKANKSHA GARG ✓	C	A
5	1702914905	AMAN PATHAK	C	A
6	1702914906	ANIL KUMAR MAURYA ✓	C	A
7	1702914907	ANIL SINGH CHAUHAN	C	A
8	1702914908	ANKIT	C	A
9	1702914907	ANKIT RAI	C	A
10	1702914910	ANSHIKA SHARMA	C	A
11	1702914911	ANUPAM KUMAR	C	A
12	1702914912	ANUSHREE	C	A
13	1702914801	APOORV GAUR	C	A
14	1702914913	ASHISH SAXENA	C	A
15	1702914914	AYUSH SAXENA	C	A
16	1702914915	AYUSH VARSHNEY	C	A
17	1702914916	AYUSHI SHARMA	C	A
18	1702914917	BHANU RANGANI	C	A
19	1702914918	BHAWA PRAKASH	C	A
20	1702914919	DEEPANKA	C	A
21	1702914920	DEEPANSHI RASTOGI	C	A
22	1702914921	ESHA PRADHAN	C	A
23	1702914802	GAURAV KOCHHAR	C	A
24	1702914922	HARSH GANGWAR	C	A
25	1702914923	HARSHA YADAV	C	A
26	1702914924	HIMANI GUPTA	C	A
27	1702914925	KM KAJAL	C	A
28	1702914808	KOMAL MAHESHWARI	C	A
29	1702914926	KUNAL YADAV	C	A
30	1702914927	KUNWAR YUVRAJ SINGH	C	A
31	1702914928	LALIT UJJWAL	C	A
32	1702914803	MANISH KUMAR	C	A
33	1702914929	MAYANK SHARMA	C	A
34	1702914930	MOHIT AGGARWAL	C	A
35	1702914931	NISHANT SINGH	C	A
36	1702914933	POOJA KUMARI	C	A
37	1702914932	PRAFULL VARSHNEY	C	A
38	1702914934	RAJAT CHOUDHARY	C	A

  
 8/3/2018  
 Dr. Amit Kumar  
 Coordinator  
 (Industry Institute Interaction)

**KIET GROUP OF INSTITUTIONS, GHAZIABAD  
INDUSTRIAL VISIT TO MCN SOLUTIONS, NOIDA**

**MCA II YEAR**

Dated: 08.03.2018

No	Univ Roll	Student Name	Sec	
39	1702914804	RICHA SHARMA	C	Richa
40	1702914935	RISHABH GUPTA	C	RISHABH
41	1702914936	SACHIN SARWESH	C	Sachin
42	1702914937	SAKSHI JAIN	C	Sakshi
43	1702914805	SANCHIT SRIVASTAVA	C	Sanchit
44	1702914938	SANJAY GUPTA	C	Sanjay
45	1702914809	SANJEEV	C	Sanjeev
46	1702914939	SAURABH KUMAR SHARMA	C	Saurabh
47	1702914940	SHAILENDRA KUMAR	C	A
48	1702914941	SHASHIPAL YADAV	C	Shashipal
49	1702914942	SHEIKH NUSRAT	C	A
50	1702914807	SHUBHAM KAUSHIK	C	Shubham
51	1702914943	SUMIT MALIK	C	Sumit
52	1702914806	SUYASH GUPTA	C	A
53	1702914944	UDAI PRATAP SINGH	C	Udas
54	1702914945	VAIBHAV KUMAR	C	Vaibhav
55	1702914947	VANSHIKA SOM	C	Vanshika
56	1702914948	VARSHA KHANDELWAL	C	Varsha
57	1702914949	VARUN MITTAL	C	Varun
58	1702914950	VIKKY SHARMA	C	A
59	1702914951	VINAY KUMAR SHARMA	C	VSharma
60	1702914952	VISHAKHA SHARMA	C	Vishakha
61	1702914953	YAMINI CHAUHAN	C	A

  
8/3/2018



**KIET Group of Institutions, Ghaziabad**

**Department of Computer Applications**

(An ISO – 9001: 2008 Certified & 'A' Grade accredited Institution by NAAC)

## **INDUSTRIAL VISIT REPORT**

An Industrial visit conducted on 8/3/2018 for MCA IV C to MCN Solutions, NOIDA. It had been participated by 47 students. Further, it had been accompanied by Dr. Amit Kumar and Dr. Sangeeta Arora. To achieve the purpose of the visit and to make it more meaningful one workshop had been conducted during the visit on KOTLIN and ANDROID, which is going to be proved as popular upcoming trend in development of software. Apart from it, students were exposed to real life development processes of MCN Solutions. Students were found satisfied by the visit and shown fare interest for putting more labour on self studies, which may get considered as positive signal for the future of our Institution.



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## Department of Computer Applications

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Industrial Visit to MCN NOIDA on 8/3/2018