



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



Technically Supported by



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 11th 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)



11th 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

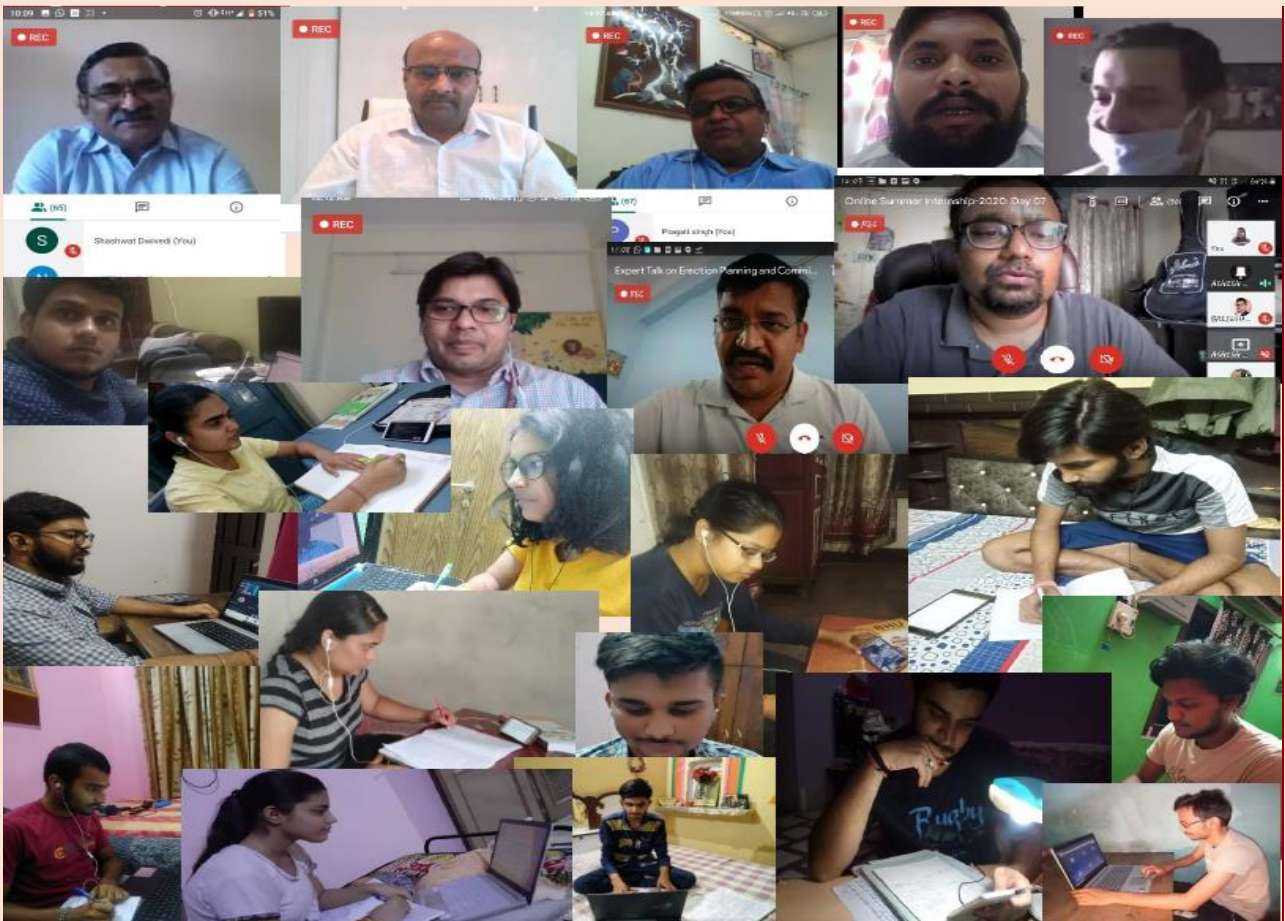
Number of project ideas were proposed and represented by the participants in the field of renewable energy and AI applications. These are some selective topics which have been decided to select as upcoming project and research activities:

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 26th 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**

Speaker Details Mr. Jotiprashad Shete (CAE Engineer, Cummins Inc.)	Program Details On 5th April 2020 (1 Hr Session)	In association with DEPARTMENT OF ELECTRICAL & ELECTRONICS KIET GROUP OF INSTITUTION, DELHI-NCR, GHAZIABAD & KIET IEEE STUDENT BRANCH
---	---	---

Visit Us: www.imperialsociety.in | Email Us: training.isie@imperialsociety.in | Contact Us: +91-9971621588

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	prakharsbhardwaj1@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




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

Follow us -  Kiet IEEE SB  Kiet IEEE SB  OFFICIAL Kiet IEEE

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



24th 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

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 17th Jan a quiz completion and 24th 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>CONGRATULATIONS!! Samarth Shukla B.Tech 2nd Year(EN) For Selections</p> <p>BRAND AMBASSADOR FOR IEEE STUDENT BRANCH UP SECTION, INDIA REGION 10 (ASIA & PACIFIC)</p>		<p>CONGRATULATIONS!! Akash Tripathi B.Tech 2nd Year(EN) For Selections</p> <p>BRAND AMBASSADOR FOR IEEE STUDENT BRANCH UP SECTION, INDIA REGION 10 (ASIA & PACIFIC)</p>		<p>CONGRATULATIONS!! Pragati Singh B.Tech 2nd Year(EN) For Selections</p> <p>BRAND AMBASSADOR FOR IEEE STUDENT BRANCH UP SECTION, INDIA REGION 10 (ASIA & PACIFIC)</p>		<p>CONGRATULATIONS!! Shubham Kumar B.Tech 2nd Year(EN) For Selections</p> <p>BRAND AMBASSADOR FOR IEEE STUDENT BRANCH UP SECTION, INDIA REGION 10 (ASIA & PACIFIC)</p>	
<p>CONGRATULATIONS!! Shivam Sharma B.Tech 2nd Year(EN) For Selections</p> <p>BRAND AMBASSADOR FOR IEEE STUDENT BRANCH UP SECTION, INDIA REGION 10 (ASIA & PACIFIC)</p>		<p>CONGRATULATIONS!! Smita Upadhyay B.Tech 2nd Year(EN) For Selections</p> <p>BRAND AMBASSADOR FOR IEEE STUDENT BRANCH UP SECTION, INDIA REGION 10 (ASIA & PACIFIC)</p>		<p>Congratulation! Samarth Shukla B.Tech 2nd year (EN) For Selection as Brand Ambassador of</p> <p>IEEE XTREME PROGRAMMING COMPETITION For KIET IEEE Student Branch UP Section, India Region 10 (Asia & Pacific)</p> <p>Follow us - KIET IEEE SB KIET IEEE SB OFFICIAL KIET IEEE</p>		<p>CONGRATULATIONS!! Shashwat Dwivedi 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>CERTIFICATE OF PARTICIPATION This is to certify that Pinki Verma 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>CERTIFICATE OF APPRECIATION This is to certify that PINKI VERMA 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>CERTIFICATE OF PARTICIPATION This is to certify that PINKI VERMA 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>CERTIFICATE OF PARTICIPATION This is to certify that Pinki Verma 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>CERTIFICATE OF PARTICIPATION THIS IS TO CERTIFY THAT Akash Tripathi HAS PARTICIPATED IN Project to Product (2020-21) HELD ON 17/05/2020</p>	<p>CERTIFICATE OF ACHIEVEMENT This certificate is proudly presented to Sanskriti Sharma 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>CERTIFICATE OF PARTICIPATION This certifies that Shubham Kumar has attended webinar on "Smart Grid: AI at the Service of The Power Distribution Network" on 28th May '20</p>	<p>CERTIFICATE OF PARTICIPATION OF PARTICIPATION IS presented to ROHAN SINGH 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>CERTIFICATE OF PARTICIPATION OF PARTICIPATION IS presented to SHIVAM 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).</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

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

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

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

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. K. 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. S. S. Joshi
Dr. A. Anand 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 Computer **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 Dixit
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. S. S. Joshi
Dr. A. Anand 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.

Dr. Anoop Prakash
Dr. S. S. Joshi
Dr. A. Anand Prasad

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 MEA SB on May 19, 2020.

Dr. Anoop Prakash
Dr. S. S. Joshi
Dr. A. Anand Prasad

PSIT Computer **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 & SMART ROBOTICS** held on Mar 2, 2020.

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

IEEE INDIA COUNCIL **IEEE** **IEEE**

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. K. 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. S. S. Joshi
Dr. A. Anand 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. S. S. Joshi
Dr. A. Anand 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. S. S. Joshi
Dr. A. Anand Prasad

IEEE INDIA COUNCIL **IEEE** **IEEE**

CERTIFICATE OF PARTICIPATION

This is to certify that **Mr/Ms SHUBHAM KUMAR** 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. S N Singh
IEEE Delhi Section

Prof. Prerna Gaur
IEEE Delhi Section

Mr. Anshul Goswami
IEEE DS SBT

IEEE **CERTIFICATE OF PARTICIPATION**

This is to certify that **Akash Tripathi** has actively participated in the webinar on **Renewable Energy Grid Integration: Challenges and key issues** by **Dr. M. Venkatesh Kumar** (Associate editor- IEEE access journal, Member of PCSI-IEEE smart cities USA, Vice chairperson- IEEE PES), organized by IEEE MEA SB on April 23rd 2020.

Dr. M. Venkatesh Kumar
IEEE MEA SB

Dr. Sankar Kumar
IEEE MEA SB

Dr. Sankar Kumar
IEEE MEA SB

IEEE **CERTIFICATE OF PARTICIPATION**

is presented to **SHIVAM 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
IEEE Uttar Pradesh Section

Prof. Asheesh K Singh
IEEE Uttar Pradesh Section

IEEE **CERTIFICATE**

This is to certify that **Anan Singh** 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 alongwith IEEE CS NSUT and IEEE CS BIT on 06th June 2020.

Prof. Prerna Gaur
IEEE CS NSUT

Dr. Sankar Kumar
IEEE CS BIT

Mr. Anshul Goswami
IEEE CS BIT

IEEE **CERTIFICATE OF PARTICIPATION**

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

Ms. Geetika Saigal
IEEE IAS MEA SBC

Dr. Sankar Kumar
IEEE IAS MEA SBC

Dr. Sankar Kumar
IEEE IAS MEA SBC

St. JOSEPH'S COLLEGE OF ENGINEERING **St. JOSEPH'S GROUP OF INSTITUTIONS** **OMR, CHENNAI - 119.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING **CERTIFICATE OF PARTICIPATION**

This is to certify that **SMITA UPADHYAY** has actively participated in the international webinar series "ERUDITE TALK" on "Visual Perception for Robots - From Gaze Estimation to Place Recognition" presented by Tobias Fischer, organized under IEEE Student Branch Chapter of St. Joseph's College of Engineering, on 30/6/2020.

Dr. Sankar Kumar
IEEE Student Branch Chapter

Dr. Sankar Kumar
IEEE Student Branch Chapter

Dr. Sankar Kumar
IEEE Student Branch Chapter

This is to certify that **Smita Upadhyay** 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.

Mr. Sandeep Varma
IEEE CS MEA SBC

Dr. Sankar Kumar
IEEE CS MEA SBC

Dr. Sankar Kumar
IEEE CS MEA SBC

Certificate of Participation

This is to certify that **SMITA UPADHYAY**, a Student of Department of Electrical Engineering, KIET GROUP OF INSTITUTIONS GHAZIABAD, has actively participated in online webinar on "Smart Vehicle" conducted by JSS Academy of Technical Education, Noida (SJB-0571) dated 9th May, 2020 in association with IEEE WebEx Conference Tool.

Dr. Sankar Kumar
IEEE WebEx Conference Tool

Dr. Sankar Kumar
IEEE WebEx Conference Tool

Dr. Sankar Kumar
IEEE WebEx Conference Tool

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT **SMITA UPADHYAY** HAS PARTICIPATED IN **Project to Product (2020-21)** HELD ON 17/05/2020

Dr. Sankar Kumar
IEEE Student Branch Chapter

Dr. Sankar Kumar
IEEE Student Branch Chapter

Dr. Sankar Kumar
IEEE Student Branch Chapter

IEEE INDIA COUNCIL **IEEE** **IEEE**

CERTIFICATE OF PARTICIPATION

This is to certify that **Mr/Ms SMITA UPADHYAY** 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. S N Singh
IEEE Delhi Section

Prof. Prerna Gaur
IEEE Delhi Section

Mr. Anshul Goswami
IEEE DS SBT

Certificate of Participation

This is to certify that **SMITA UPADHYAY**, a Student of Department of Electrical Engineering, KIET GROUP OF INSTITUTIONS GHAZIABAD, has actively participated in online webinar on "Smart Vehicle" conducted by JSS Academy of Technical Education, Noida (SJB-0571) dated 9th May, 2020 in association with IEEE WebEx Conference Tool.

Dr. Sankar Kumar
IEEE WebEx Conference Tool

Dr. Sankar Kumar
IEEE WebEx Conference Tool

Dr. Sankar Kumar
IEEE WebEx Conference Tool

St. JOSEPH'S COLLEGE OF ENGINEERING **St. JOSEPH'S GROUP OF INSTITUTIONS** **OMR, CHENNAI - 119.**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING **CERTIFICATE OF PARTICIPATION**

This is to certify that **SMITA UPADHYAY** has actively participated in the international webinar series "ERUDITE TALK" on "Artificial Intelligence" presented by Ana Paula Ramirez Sierra, organized under IEEE Student Branch Chapter of St. Joseph's College of Engineering, on 24/5/2020.

Dr. Sankar Kumar
IEEE Student Branch Chapter

Dr. Sankar Kumar
IEEE Student Branch Chapter

Dr. Sankar Kumar
IEEE Student Branch Chapter

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

Certificate of Participation

This is presented to **SMITA UPADHYAY** for the active participation in the Webinar on **INTRODUCTION TO IOT & SMART ROBOTICS** held on May 2, 2020.

Dr. Sankar Kumar
IEEE Student Branch Chapter

Dr. Sankar Kumar
IEEE Student Branch Chapter

Dr. Sankar Kumar
IEEE Student Branch Chapter

Certificate of Achievement

This is to certify that **SMITA UPADHYAY** has attended a Webinar on "Cyber Security Systems" held on May 13, 2020.

Dr. Sankar Kumar
IEEE Student Branch Chapter

Dr. Sankar Kumar
IEEE Student Branch Chapter

Dr. Sankar Kumar
IEEE Student Branch Chapter

IEEE **Young Professionals Bangalore Section** **IEEE** **BANGALORE SECTION**

Certificate of Participation

This is to certify that **Smita Upadhyay** has actively participated in webinar on "TIPS TO BECOME SUCCESSFUL ENTREPRENEUR" on Friday, 8th May 2020 conducted by Young Professionals, Bangalore Section.

Dr. Sankar Kumar
IEEE Young Professionals Bangalore Section

Dr. Sankar Kumar
IEEE Young Professionals Bangalore Section

Dr. Sankar Kumar
IEEE Young Professionals Bangalore Section

OPJU **IEEE BOMBAY SECTION** **IEEE**

CERTIFICATE OF PARTICIPATION

This is presented to **Shivam Sharma** for attending webinar on **Electric Vehicles and the Way Forward** as part of the OPJU IEEE TECH WEB SERIES held on 20th June, 2020.

Mr. Kiran Talele
IEEE Bombay Section SAC

Mr. Shubham Gupta
IEEE Bombay Section SAC

Dr. Gurveen Vasser
IEEE OPJU SB

IEEE **STATE 2024** **IEEE**

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT **AMAN SINGH** Student of **KIET GROUP OF INSTITUTIONS** has attended "How to contribute to Open Source?" webinar organized by IEEE STATE NOIDA Student Branch (SJB05571) on 27/04/2020.

Dr. Sankar Kumar
IEEE Student Branch Chapter

Dr. Sankar Kumar
IEEE Student Branch Chapter

Dr. Sankar Kumar
IEEE Student Branch Chapter

OPJU **IEEE BOMBAY SECTION** **IEEE**

CERTIFICATE OF PARTICIPATION

This is presented to **Aman Singh** for attending webinar on **Electric Vehicles and the Way Forward** as part of the OPJU IEEE TECH WEB SERIES held on 20th June, 2020.

Mr. Kiran Talele
IEEE Bombay Section SAC

Mr. Shubham Gupta
IEEE Bombay Section SAC

Dr. Gurveen Vasser
IEEE OPJU SB

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: www.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: www.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. Karghade
 IEEE CS MEA SBC

IEEE
 COMPUTER SOCIETY

NCU
 THE NANO 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. Jyoti Chitambar
 IEEE NCU

Dr. Jyoti Chitambar
 IEEE NCU

Dr. Jyoti Chitambar
 IEEE NCU

No. NCU/CS/IT/2020/01, Durgam Chattri, Hyderabad-500043.

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

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
 IEEE UP Section

Dr. Manoj Kumar
 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 1st June, 2020.

Dr. Satish Kumar Singh
 IEEE Signal Processing Chapter

Dr. V. S. Venkatesh Babu
 IEEE Signal Processing Chapter

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 ELECTRONICS ENGINEERING in association with IEEE BBDNITM Student Branch on 05/05/20.

Prof. Rafiq Ahmad
 IEEE BBDNITM Student Branch

Dr. Manoj Kumar
 IEEE BBDNITM Student Branch

IEEE
 BBDNITM Student Branch

CERTIFICATE OF PARTICIPATION

THIS IS PRESENTED TO
ARPI BHUSHAN SHARMA

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

Prof. Rafiq Ahmad
 IEEE BBDNITM Student Branch

Dr. Manoj Kumar
 IEEE BBDNITM Student Branch

SSIT
IEEE

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 03th 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
 IEEE SSIT Madras Section

Neerajathambaram
 IEEE SSIT Madras Section

Dr. V. S. Venkatesh Babu
 IEEE SSIT Madras Section

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 Wipro, Tableau & IEEE YESSIT2-2020 from June 4th to June 7th, 2020.

Neerajathambaram
 IEEE SSIT Madras Section

Dr. V. S. Venkatesh Babu
 IEEE SSIT Madras Section

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 Wipro, Tableau & IEEE YESSIT2-2020 from June 4th to June 7th, 2020.

Neerajathambaram
 IEEE SSIT Madras Section

Dr. V. S. Venkatesh Babu
 IEEE SSIT Madras Section

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 Wipro, Tableau & IEEE YESSIT2-2020 from June 4th to June 7th, 2020.

Neerajathambaram
 IEEE SSIT Madras Section

Dr. V. S. Venkatesh Babu
 IEEE SSIT Madras Section

SSIT
IEEE

Data Science Bootcamp 1.0

PRESENTED BY IEEE SSIT MADRAS SECTION CHAPTER

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

Participant Name: Arpit Bhushan Sharma
 ALUMNI 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. Karghade
 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 30th May, 2020**

Prof. Kiran Talek
 SAC Chair
 IEEE Bombay Section

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
 Has actively participated in National Level Poster Competition on
"INTERDISCIPLINARY INNOVATIVE IDEAS"
 Organized in association with IEEE Pune Section On 28th May 2020

Dr. M. B. Tadevkar
 IEEE Pune Section

Mr. Girish Khilari
 IEEE Pune Section

Dr. C. A. Manjare
 IEEE Pune Section

Dr. R. D. Karghade
 IEEE Pune Section

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 30th May, 2020**

Prof. Kiran Talek
 SAC Chair
 IEEE Bombay Section

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
 Has actively participated in National Level Poster Competition on
"INTERDISCIPLINARY INNOVATIVE IDEAS"
 Organized in association with IEEE Pune Section On 28th May 2020

Dr. M. B. Tadevkar
 IEEE Pune Section

Mr. Girish Khilari
 IEEE Pune Section

Dr. C. A. Manjare
 IEEE Pune Section

Dr. R. D. Karghade
 IEEE Pune Section

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. M. B. Tadevkar
 IEEE Delhi Section

Prof. P. S. Suresh
 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 05/05/2020.

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 1st Prize in National Level Poster Competition on "INTERDISCIPLINARY INNOVATIVE IDEAS" Organized in association with IEEE Pune Section On 28th 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 05/10/2020.

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).

SAI RAM ENGINEERING COLLEGE

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY **Samarth Shukla** has attended the webinar on "Expensive Global Perspective - An Eye Opener for Analytical and Decision Making Skills" held on 24/05/2020.

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 28th 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 28th May to 2nd 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 08/07/2020.

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 28th May to 2nd 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 28th 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 28th 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 07th May, 2020.

IEEE INDIA COUNCIL **IEEE**

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 Tanmay Bhalani organized by IEEE Computer Society Chapter, IEEE ADIT SB on 12th April, 2020.

Certificate of Achievement

THIS IS PRESENTED TO **Samarth Shukla** who has completed the assessment with the score of 19/100 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.