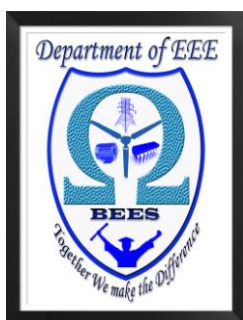


K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY



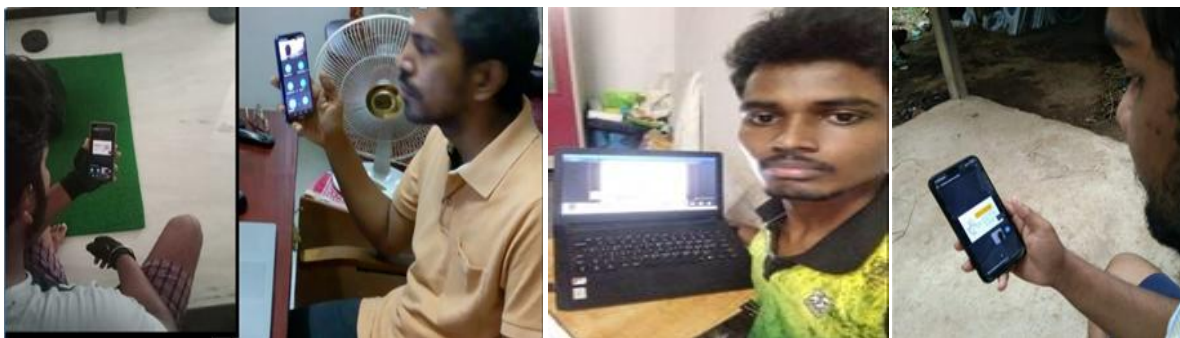
DEPARTMENT OF
ELECTRICAL AND
ELECTRONICS ENGINEERING

BEEES NEWS LETTER

November 2021

EMERGING TRENDS OF STUDENT ENTREPRENEURSHIP

Our EEE department in association with **The Institution of Engineers (India) (IEI), Students Chapter** organised a webinar on “**Emerging Trends of Student Entrepreneurship**” on 08.06.2021 through Microsoft Teams. Recent reports from NASSCOM indicate that the start-ups and entrepreneurs in are multiplying. India is said to be third largest host for startup-ecosystems globally. It is measured that India houses around 4200 start-ups, creating more than 85000 employment opportunities. It is projected that the number of Start-Ups in India will increase to more than 11,500 by 2020, with job creation from these entrepreneurs reaching 250-300k by 2020. The Session started with welcome address by third year student Mr.S.P.Karthikeyan and followed by a brief introduction about the chief guest and his contributions in various motivating the students towards the entrepreneurship.



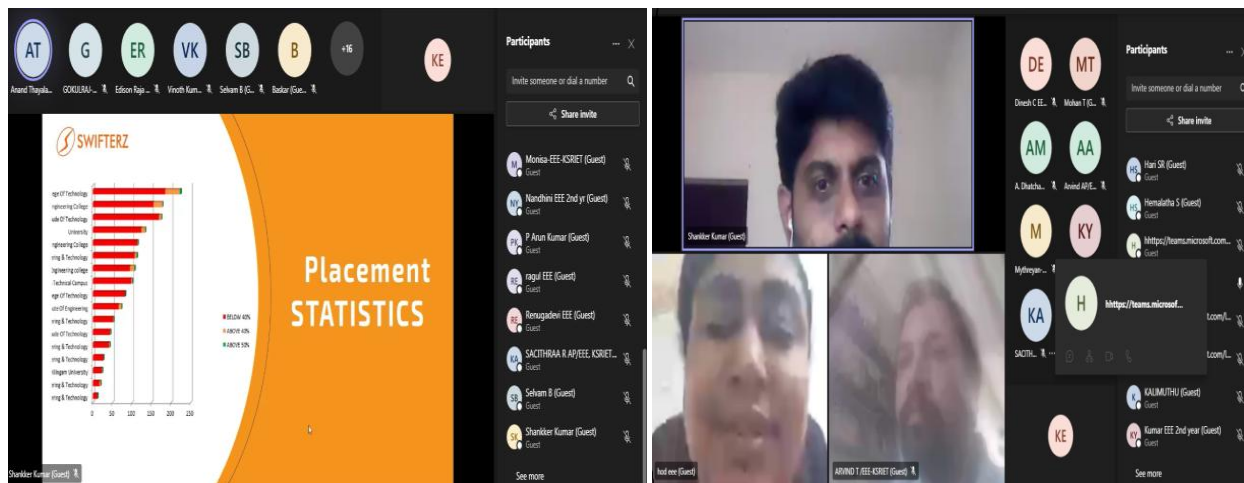
Mr.N. Mr. R. Ramachandran EDII-HUB, Field Coordinator, Madurai Kamaraj University, Madurai started the presentation with the brief explanation on what is meant by entrepreneurship. He enquired the students about their interest towards own business. He then asked the students those who were interested in making a product on their own ideas about their efforts and contribution towards the same. He instructed the students to build their concept ideas which will solely be based on the interest and requirement of the consumer. He also added that the best servicing underlie in the effort of the engineer who tries to fulfil his client's needs with simple solution.

He then insisted the students to always find the solution for the simple needs in our daily life in order to simplify the living style of the consumer. It helps our students to accomplish their goals and dreams to change into Start-up for their successful career. The session came to an end by the Vote of Thanks delivered by the final year student Mr.P.Gokulraj.

HUGE OPPORTUNITIES IN THE INDUSTRY AND POSSIBILITIES TO PRACTICE ENGINEERING

The Institution of Engineers (India) (IEI), Students Chapter in the Department of Electrical and Electronics Engineering, K S R Institute for Engineering and Technology organised

a webinar on “**Huge Opportunities in the Industry and Possibilities to Practice Engineering**” on 10.06.2021 through Microsoft Teams. The appropriate education and training, the engineer of the future will be called upon to become a leader not only in business but also in nonprofit and government sectors. The Session started with welcome address by **Dr.A.Murugesan, ASP / EEE** and followed by a brief introduction about the chief guest.

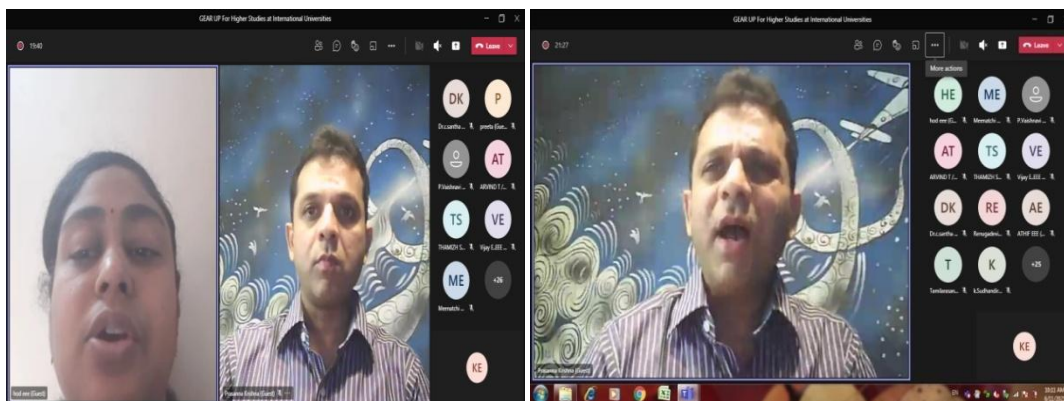


Mr. T. Anand, CEO and Founder, Swifterz Creative Services started his presentation on wide opportunities available for the engineers in the industries. Initially he started the session by asking the students about their interest in the course and the efforts which they had put in to develop their core knowledge in the chosen field. He elaborated the various opportunities which are available in the core field for the engineers. He also shared his experience of practicing as an engineer at the early stages. He also added that students should update their knowledge related to the recent trends in their field in order to survive and achieve the best.

He also gave some suggestions and shared his view of developing the knowledge in this mere field to the students. The session came to an end by the vote of thanks delivered by the final year student Ms.S.Hemalatha, Treasurer-BEES.

GEAR UP FOR HIGHER STUDIES AT INTERNATIONAL UNIVERSITIES

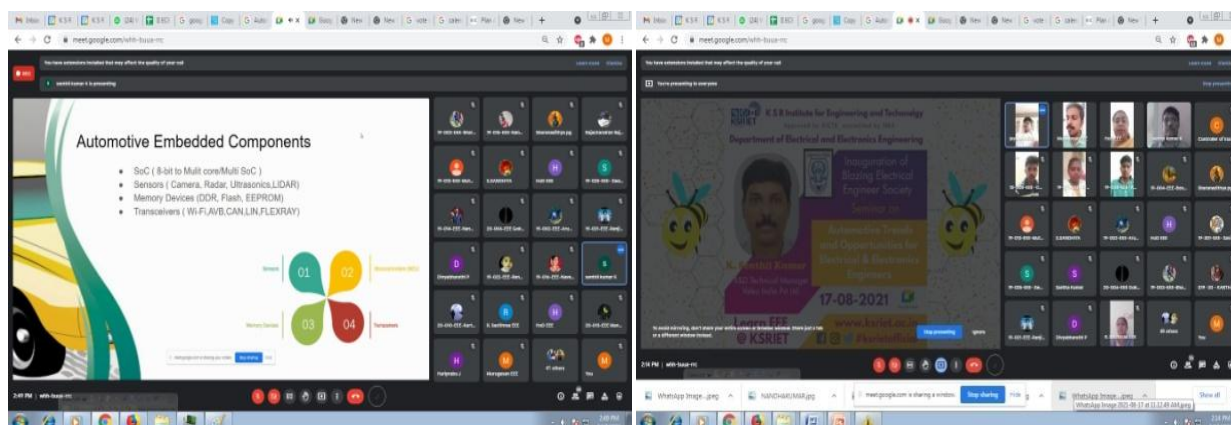
On Behalf of IEI Students Chapter (EEE) organised a webinar in the topic of “**Gear up for Higher Studies at International Universities**” on 11.06.2021 through Google Meet. The Session started with welcome address by **Dr. A. Murugesan, ASP/EEE, IEI Coordinator** and followed by a brief introduction about the chief guest.



Mr. S. Prasanna Krishna, Chief Counselor, Career Zone delivered his guest lecture on courses available in International Universities. He mentioned the students about the exams to enter into universities, stipends / scholarships available in foreign countries. He evidently explained about the advantages of taking up the master's course in abroad. He advised the students to prepare for the various competitive exams such as GMAT, TOFEL, IELTS etc, in order to get opportunities in top universities. He also insisted that graduating from top university will help for their future career in research field. He also explored the countries those providing higher studies with affordable cost. Finally the seminar was concluded with delivering vote of thanks by Ms. Mayuri M , II year EEE.

AUTOMOTIVE TRENDS AND OPPORTUNITIES FOR ELECTRICAL AND ELECTRONICS ENGINEER

The Department of Electrical and Electronics Engineering, BEES Association K S R Institute for Engineering and Technology in association with IEI Students Chapter organised a webinar on “**Automotive Trends and Opportunities for Electrical and Electronics Engineer**” on 17.08.2021 through Google Meet for the benefits of EEE students. The webinar started with welcome address by Ms. M. Praveena, Joint Treasurer – BEES, followed by Chief Guest was introduced by Mr. R. Gokulrayar Secretary-BEES.

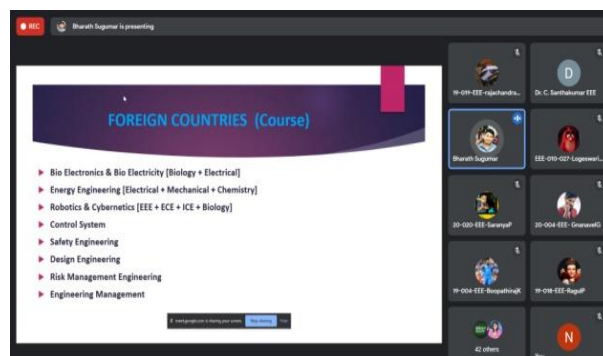
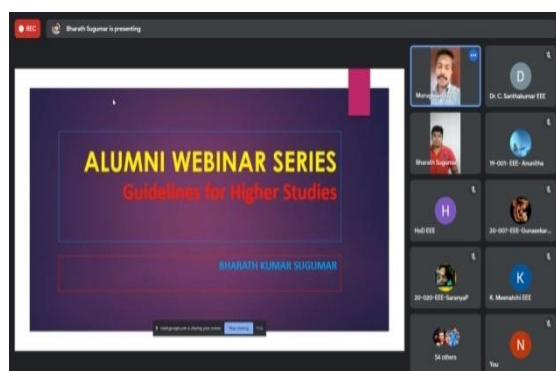


Mr. K. Senthil Kumar, R&D Technical Manager, Valeo India Pvt. Ltd, Chennai delivered his lecture on the technologies involved in Automation involved in recent cars. He also clearly explained the basics ADAS (Advanced Driver Assistance System). The students also involved in the topic and made interaction with the guest. The students also got the knowledge on design aspects involved in automotive electronics. The Guest also explored the various job opportunities in the field of automotive industries.

He insisted the students get involved in product development and also inspired the students to do their projects by themselves. Finally the seminar was concluded by giving vote of thanks by Ms. S. Hemalatha, Treasurer –BEES

GUIDELINES FOR HIGHER STUDIES

The Institution of Engineers (India) (IEI), Students Chapter in the Department of Electrical and Electronics Engineering, K S R Institute for Engineering and Technology organised a webinar on “**Guidelines for Higher Studies**” on 28.08.2021 through Google Meet. The Seminar started with welcome address given by Ms. Anunitha J, III year EEE, followed by **Dr. A. Murugesan, ASP/EEE, IEI Coordinator** introduced the EEE alumni student of batch (2013-2017) **Mr. S. Bharath Kumar**. He completed his Masters Degree in the specialisation of Power Systems Engineering. Presently he is pursuing MS with PhD in University of Genova, Italy.

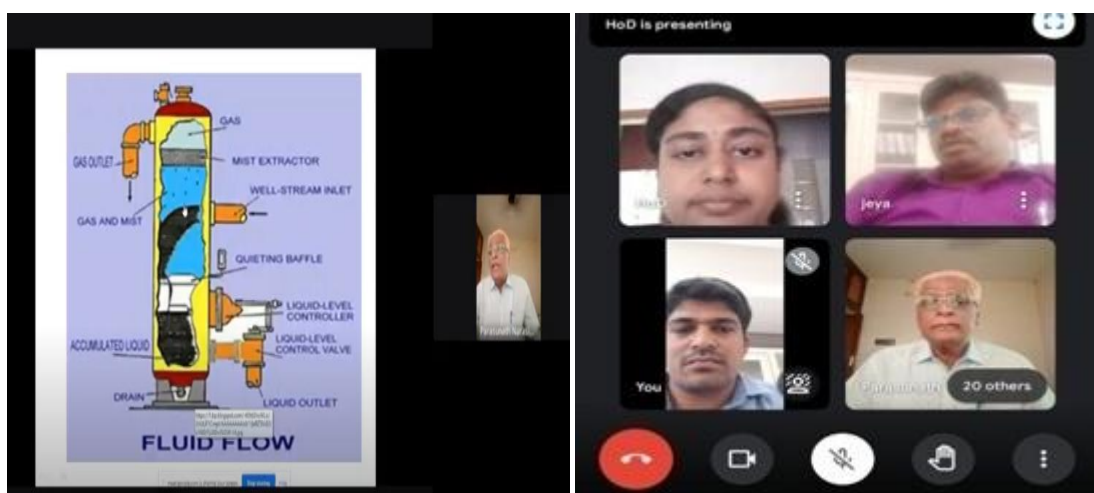


Our alumni **Mr. S. Bharath Kumar** started the discussion about various masters' degree in Electrical and Electronics Engineering to the students. He explored the various examinations like GATE and TANCET which are helpful to pursue PG courses in IITs and Government engineering colleges with stipend. He also investigated the countries those providing higher studies with affordable cost. The students also know about the impotence of NBA accreditation which is needed for proceeding higher studies in foreign countries.

The Guest shares his personal experience of how he pursued his MS with PhD in University of Genova, Italy. Students also got awareness about competitive examinations like GRE, TOFEL, IELTS etc., Finally the seminar was concluded with delivering vote of thanks by Ms. Nandhini M , III year EEE.

AIR POLLUTION CONTROL- AN INDUSTRY PERSPECTIVE

The Department of Electrical and Electronics Engineering, BEES Association K S R Institute for Engineering and Technology in association with IEI Students Chapter organised a webinar on “**Air Pollution Control- An Industry Perspective**” on 18.09.2021 through Google Meet. The webinar aimed to bridge the gap between theoretical concepts and implementation in the industry. The Session started with welcome address by **Dr.P.Veena, HoD/EEE** and followed by a brief introduction about the chief guest and his contributions in various power plants in his experience.

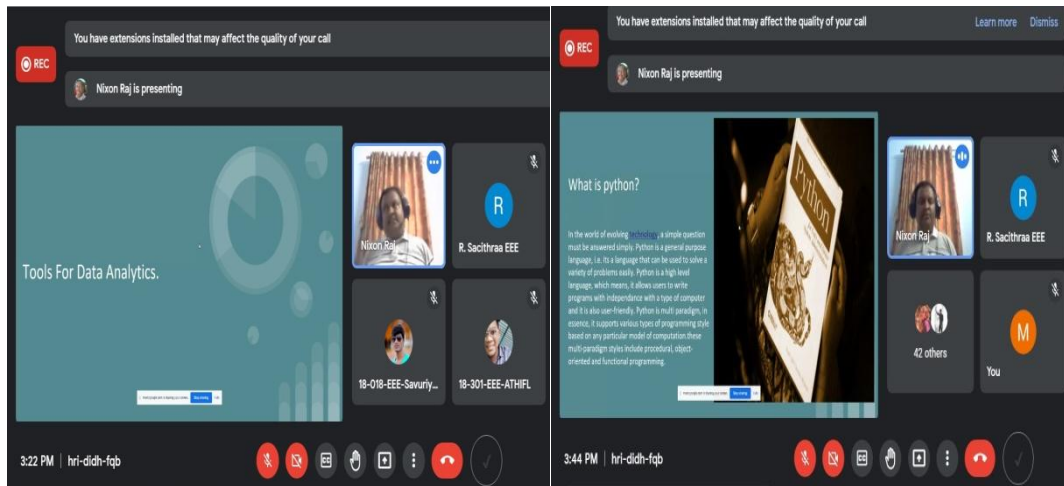


Mr.N.Parasuanth, Chief Manager (Retd) Power Station Engineering, Neyveli Lignite Corporation, Neyveli gave his presentation about the air pollution, the pollutants and the methods to control it. He took up the controlling of particulate pollutants by gravity settling chambers, cyclones, scrubbers, fabric filters and Electrostatic precipitator. He explained the construction, operation of the various equipments the problems faced by them in various situations. He also gave a detailed description about the various separators to remove sludge, water and clean air. The students also put forth questions regarding cooling towers and water treatment in the process of filtering the pollutant. The chief guest clarified the doubts and gave a detailed description of how to maintain and clean the various equipments. He also shared his experience about various incidents of maintenance of these devices at NLC.

The students shared their feedback and they have got clear clarification about the pollutant control equipments, the details of stack height needed, plume treatment, mist extractor principle and many concepts and the webinar proved it worthwhile for the students. The students enquired about the cooling towers in thermal plant and water saving mechanism as an additional input. The students also showed interest to join in NLC and its job opportunities. The session was concluded by Vote of thanks by **Dr.P.Veena, HoD/EEE**.

TOOLS FOR DATA ANALYTICS

The Institution of Engineers (India) (IEI), Students Chapter in the Department of Electrical and Electronics Engineering, K S R Institute for Engineering and Technology organised a webinar on “Tools for Data Analytics” on 23.10.2021 through Google Meet. The Session started with welcome address by **Dr.A.Murugesan, ASP/EEE** and followed by a brief introduction about the chief guest and his experience in data analysis.



Mr. Nixon Raj J, Service Level Manager, IBM India Pvt Ltd (Kyndryl), Chennai gave his presentation started with definition of data and also exploring the role of data in our day today life. He related cricket sport with data processing. Guest listed the different tools (Software) used for data processing and visualization. Importance and use of excel (MS Office) package in data processing. In his lecture he covered the difference between R language and Python. He insisted the students to practice programming in Python. He clearly stated the usage of Python in data analytics.

Students got inspirations in data analytics and related the data processing in electrical power generation. They also understood the importance of data processing in near future. Guest gave guidelines to the students towards job opportunities in the area of data analytics. The session ended with by Vote of thanks by the final year student P. Gokulraj.

ACADEMIC TOPPERS				
S.NO	YEAR / SEM / SEC	NAME OF THE STUDENT	GPA	POSITION
1	I / II	KARTHICK E	9.84	1
2	I / II	MAYURI M	9.84	1
3	I / II	GUNASEKARAN S	9.68	2
4	I / II	KIRUTHIKA S	9.68	2
5	I / II	NANDHINI K	9.68	2
6	I / II	SARANYA M	9.68	2
7	I / II	SRI RAMPRASANTH P	9.60	3
8	II / IV	DURGA S	9.88	1
9	II / IV	RENUGADEVI N	9.88	1
10	II / IV	SUDHANDIRA DHIVYA K	9.88	1
11	II / IV	NAVEEN S	9.72	2
12	II / IV	SWATHI R	9.72	2
13	II / IV	NANDHAKUMAR L	9.60	3
14	II / IV	VAISHNAVI P	9.60	3
15	II / IV	SAVITHA R	9.60	3
16	III / VI	HEMALATHA S	9.57	1
17	III / VI	MONISA B	9.57	2
18	III / VI	SRIDHAR D	9.43	3
19	IV/VIII	DINESH C	10.00	1
20	IV/VIII	GOWTHAM S P	10.00	1
21	IV/VIII	GUGANESH R	10.00	1
22	IV/VIII	JEEVANANDAM T	10.00	1
23	IV/VIII	JEEVITHA G	10.00	1
24	IV/VIII	KARTHIKEYAN M	10.00	1
25	IV/VIII	KAVINKUMAR M	10.00	1
26	IV/VIII	KIRUBAKAR S	10.00	1
27	IV/VIII	MANJUPRIYA M	10.00	1
28	IV/VIII	MOHAN T	10.00	1
29	IV/VIII	NANDAKUMAARAN S	10.00	1
30	IV/VIII	PRAVEEN KUMAR A	10.00	1

STUDENT'S PARTICIPATION					
S. No	Name of the Student	Year / Sem	Name of the Event	Date	Organised By
1	Mayuri M	II/III	Workshop on Electrical Machines	23/11/2021, 24/11/2021 & 30/11/2021	TNEB-Salem
2	Karthick E	II/III			
3	Pavithra D	II/III			
4	Saranya P	II/III			
5	Prakash M	II/III			

6	Jeevanantham Singaravel	III/VI	Workshop on Electrical Machines	23/11/2021, 24/11/2021 & 30/11/2021	TNEB-Salem
7	Sudhandira Dhivya K	III/VI			
8	Karthikeyan S P	III/VI			
9	Logeshwaran P	III/VI			
10	Ranjithkumar N	III/VI			
11	Nandhini M	III/VI			
12	Naveen S	III/VI			
13	Vikraman M	III/VI			
14	Anunitha J	III/VI			
15	Renugadevi N	III/VI			
16	Nandhakumar L	III/VI			
17	Swathi R	III/VI			
18	Vaanmathi S	III/VI			
19	Savitha.R	III/VI			
20	Logeswari S	III/VI			

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY

VISION

To become a globally recognized Institution in Engineering Education, Research and Entrepreneurship.

MISSION

- ❖ Accomplish quality education through improved teaching learning process.
- ❖ Enrich technical skills with state of the art laboratories and facilities.
- ❖ Enhance research and entrepreneurship activities to meet the industrial and societal needs.

Department of EEE

VISION

To produce world class Electrical and Electronics Technocrats and Entrepreneurs with social responsibilities.

MISSION

- ❖ Impart quality education in the field of Electrical and Electronics Engineering through state of the art learning ambience.
- ❖ Enrich interdisciplinary skills and promote research through continuous learning.
- ❖ Enhance professional ethics, entrepreneurship skills and social responsibilities to serve the nation.

Editorial Board

Student Incharges

Manjupriya M IV year EEE

Hemalatha S III Year EEE

Faculty Incharge

Ms. A. Jeevitha

Assistant Professor / EEE

BEEES NEWS LETTER

November 2021