**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**Report on Employability Enhancement course on**

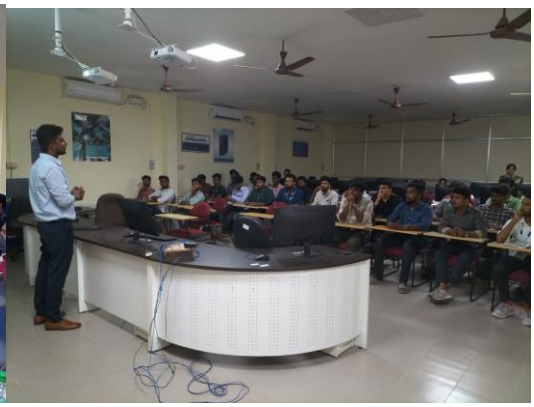
**"Sustainable Energy and Clean Technology"**

The Department of Electrical and Electronics Engineering in association with AVIT Alumni Association and Institution of Engineers (India) organized an Employability Enhancement Course Program on "Sustainable Energy and Clean Technology" from 24/06/2022 to 26/06/2022.

**Day – 1 : 24/06/2022 – Guest Lecture on Sustainable Energy and Clean Technology.**

Event started at 9.30 AM, Dr. L.Chitra, Asso. Prof.& Head, EEE has delivered the Welcome and Presidential address. Mr.S.Prakash, AP(Gr-II), EEE introduced the guest speaker of the day Mr.S.Venkatesh Kanna, Founder & CEO, Inforce Solar (Alumni, Department of EEE, Batch:2013-2017) and Mr.Tamilvanan, Managing Director, SAMET Private Limited.

Then the guest Speaker started the lecture on the topic Sustainable Energy and Clean Technology**,** he explained about the types of solar cells and the method of calculating the different aspects of the solar cells. Also explained the different measurement used in solar panel like Azimuth angle, Inclination, Solar radiation and latitude longitude differences and the way solar panels depend on it. There were around 29 participants in the session. The session concluded with an interactive session by Mr.Tamilvanan with the participants. Vote of thanks was presented after the interaction.



**Day – 2: 25/06/2022 – Visit to Inforce Solar Company**

During second day of program, students were taken to Inforce solar company to learn about solar panel installation. Also learnt the design procedure for rooftop based solar photovoltaic power plants and Ground mounting solar photovoltaic power plants. Inforce solar division is specialized in the setting up solar photovoltaic power plant on EPC or turnkey basis. The session concluded with an interactive session by the speaker with the participants.

**Day – 3: 26/06/2022- Visit to Anna Nagar West Metro Station**

During last day of program, students were taken to Anna Nagar West Metro Station to learn about real time implementation of solar power plant. As the system is an on-grid system, the power produced by the solar power plant is transmitted to the main power plant in koyambedu and then connected with the grid and supplied to all the metro station in the region. The session concluded with an interactive session with the participants.


Overall the Employability Enhancement Course program was highly informative and students were learnt multiple aspects of solar power plant installation and real time implementation.