




SRI BHARATHI ENGINEERING COLLEGE FOR WOMEN

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai-25)

Kaikkurichi, Pudukkottai, Tamil Nadu – 622 303, India

REPORT OF THE PROGRAM

1	Program Name	Modern trends in Smart Grid
2	Date of program	07.05.2022
3	Resource person:	1. Dr.ANKUR SINGH RANA.,M.E.,Ph.D.,PDF Assistant Professor, NIT, Trichy. 2. Mr.S.SIVAGAMINATHAN.,M.E, Senior Engineer (Assistant), CPCL, Chennai.
4	Participants	24
5	Objective of program	The main objective of the online workshop is to improve the efficiency, reliability, and sustainability of the electrical grid through the integration of advanced technologies and intelligent systems.
6	Program description	The program started with a welcome address and chief guest introduction by Mrs.B.Priya, HoD/EEE. 24 students attended the online workshop and it was a good and informative session. They have gained knowledge in the aspects of research about the topic. The Forenoon session were discussed about the topics like Distributed Energy Resources (DERs), Advanced Metering Infrastructure (AMI), Grid Digitalization and Automation, Demand Response and Energy Management Systems. The afternoon session were explained about the maintenance of electrical grid. The session ended with a vote of thanks by Mr.J.Sathyaraj, Asst Professor/ EEE.
7	Outcome of this program	The students learned about the latest trends in smart grids by integrating renewable energy sources, advanced metering, digitization and demand response schemes, smart grids can improve energy efficiency, reduce carbon emissions and improve grid reliability.
8	Photo	

PROGRAM COORDINATOR

PRINCIPAL