

Report

**One Week Faculty Development Program on
“Power Electronics in Electric Vehicle and Smart Grid”
(PEEVSG-19)
July 22nd - 26th, 2019
Organised by,
Department of Electrical Engineering (NBA Accredited),
RCCIIT, Kolkata**

FACULTY COORDINATORS:

Dr. Ashoke Mondal, Professor, EE, RCCIIT
Dr . Shilpi Bhattacharya, Associate Professor, EE, RCCIIT
Venue: Language Lab, RCCIIT

A five days Faculty Development Program organized by Electrical Engineering Department is designed for imparting knowledge on specialized topics related to applications in Power Electronics. The topics mainly covered were Electric Drives and Battery Management in Electric Vehicles, Grid Interconnections, Smart Grid, Smart Metering, Smart City, Renewable Energies, and Microgrid. Eminent Professors from Jadavpur University, IEST, University of Calcutta as well as Industry Experts from Tata Consultancy Services, Landys Gyr and Resolz India.

Respected Prof. Ajoy Kumar Ray, Padmashree, Chairman, RCCIIT was the Chief patron and Prof. Siddhartha Bhattacharya, Principal, RCCIIT, was the patron of this program. The advisory board, Organizing Committee and Logistics and Support Committee members were as follows:

ADVISORY MEMBERS:

Dr. Indrajit Pan, FIC Academic, RCCIIT
Mr. Sayantan Sinha, Registrar, RCCIIT
Mr. Chinmoy Ghosal, Finance Officer, RCCIIT
Dr. Debashish Mondal, HOD, EE

Organizing Committee:

Prof. (Dr.) Alok Kole
Dipankar Santra
Nijam-ud-din Molla
Budhaditya Biswas
Sarbojit Mukkherjee
Subhasis Banerjee

Logistics and Support:

Prof. (Dr.) Alok Kole
Dipankar Santra
Nijam-ud-din Molla
Budhaditya Biswas
Sarbojit Mukkherjee
Subhasis Banerjee

Day 1: The Inauguration program started with lighting of the lamp and inauguration speeches by all Dignitaries.

First Half - Prof. Ashoke Mondal who spoke on “Worldwide Scenario of Electric Vehicles”.

Second Half - Prof. Jitendranath Bera, Professor, Applied Physics Department, University of Kolkata delivered his talk on “Smart Grid”.



Inauguration program

Day 2: Eminent Speaker Mr. Joydip Jana, Co-founder- RESOLZ POWER Private Limited gave an elaborate speech on “Solar powered Electric Vehicles”. He also spoke on the practical applications of the same, the economic aspects.



Mr. Joydip Jana, Co-founder- RESOLZ POWER Private Limited

Second Half - Speaker: Subhadip Pal, AET Head, Landis+Gyr Limited, Kolkata. He spoke on “Smart metering Techniques”.



Subhadip Pal, AET Head, Landis+Gyr Limited

Day 3: Speaker: Mr. Anupam Chakraborty, Senior Consultant, TCS, he spoke on his experience in overseas projects on Smart grid.
Second Half - Speaker : Prof. Ambarnath Banerjee, Professor, Mehgnad Saha Institute of Technology, he delivered his detailed talk on “Microgrid”.



Prof. Ambarnath Banerjee, Professor, Mehgnad Saha Institute of Technology



Anupam Chakraborty, Senior Consultant, TCS

Day 4: Speaker: Prof. Sujit Biswas, Professor, Jadavpur University. He delivered his knowledge on “Power Electronics Application in Smart Grid”.



Prof. Sujit Biswas, Professor, Jadavpur University.

Second Half - Speaker: Prof. Sunita Halder nee Dey, Professor, Jadavpur University. She gave an in-depth lecture on “Smart Grid

Theory and Applications”.



Prof. Sunita Halder nee Dey, Professor, Jadavpur University.

Day 5: First Half: Speaker: Prof. Hiranmoy Saha, Professor, BESU, spoke on “Green Energy Scenario”.

Second Half: Valedictory Session: Prof. H. Saha presented the certificates to the successful candidates of the FDP.



Prof. Hiranmoy Saha, Professor, BESU



Valedictory Session

A special session was also held by one of our Ex-student Rumana Syed, she spoke on "Robotic Mannequin" one of her successful project. She also spoke at length about studying in United States, the prospects and challenges.



Rumana Syed: Special Speaker



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