

Delhi Technological University, Bawana Road, Delhi-110042
(formerly Delhi College of Engineering)

TEQIP-III SPONSORED FACULTY DEVELOPMENT PROGRAMME
On

Recent Developments in Renewable Energy Systems, (25-29 November 2019)

Organized by
**Department of Mechanical, Automobile and Production & Industrial
Engineering**

Venue: Committee Room (FW4-GF5) Mechanical Engineering Department, DTU.

Chairman: Prof. Vipin, HOD, Mech. Engg.Dept., DTU.

Course Coordinators: Prof. Amit Pal, Dr. Anil Kumar and Dr. Naushad A. Ansari

Day 1: Monday, November 25, 2019

09:00 - 09:45 AM	Registration
09:45 - 10:15 AM	Inauguration
10:15 - 10:30 AM	Tea Break
10:30 - 12:00 NOON	Recent Developments in Renewable Energy in India- Prof. H. P. Garg, Former Professor & Head (CES), IIT Delhi & Principal Secretary, MP Govt., Bhopal
12:00 - 1:30 PM	Advanced Biofuel-Development of Indigenous Bio-Jet for Military Aviation- Wing Commander Ashish Srivastava,
01:30 - 2:30 PM	Lunch
02:30 - 0 4:00 PM	Some Case Studies on Waste to Energy -Mr. H. J. Das, Consultant Waste and Waste Water Management, Delhi
04:00 - 04:15 PM	Tea Break
04:15 - 5:45 PM	Solar Drying- Dr. Anil Kumar, DTU, Delhi

Day 2: Tuesday, November 26, 2019

09:30 - 11:00 AM	Thermal analysis of hybrid photovoltaic thermal (PV/T) active solar still- Dr. Sanjay Tyagi, DST, Ministry of Science & Technology, India
11:00 - 11:30 AM	Tea Break
11:30 - 01:00 PM	Utilization of biofuels in CI engines- Prof. A. K. Sharma, DCRUST, Murthal, Sonipat
01:00 - 2:00 PM	Lunch
2:00 - 3:30 PM	Issues and challenges in using Hydrogen as IC engines fuel- Dr. Vinod Singh Yadav, NIT, Uttarakhand.
3:30 - 3:45 PM	Tea Break
3:45 - 5:15 PM	Lab visit, Waste to Energy Plant Lab. DTU, Delhi.

Day 3: Wednesday, November 27, 2019

09:30 - 11:00 AM	Energy Storage- Dr. Ashish Shukla, Coventry University,UK
11:00 - 11:30 AM	Tea Break
11:30 - 01:00 PM	Waste to Energy- Dr. Sandeep Dutta, Director, Okhla Waste to Energy Plant
01:00 - 2:00 PM	Lunch
2:00 - 3:30 PM	E-waste Management- Dr Saurabh Agrawal, DTU Delhi.
3:30 - 3:45 PM	Tea Break
3:45 - 5:15 PM	Lab visit, CASRAE/Research Lab. DTU, Delhi.

Day 4 Thursday, November 28, 2019: Industrial Visit 9 AM to 5 PM**Day 5 Friday, November 29, 2019**

09:30 - 11:00 AM	Cavitation technology: A Breakthrough in biofuels- Prof. S. S. Kachhwaha, Chair Profesor Suzlon, PDPU- Gandhinagar
11:00 - 11:30 AM	Tea Break
11:30 - 01:00 PM	Recent Advances in Automotive Engines- Prof. K.S. Subramanian, IIT Delhi
01:00 - 2:00 PM	Lunch
2:00 - 3:30 PM	Wind Power & Reference management- Prof. C.S. Malvi, MITS Gwalior
3:30 - 4:30 PM	Feedback and Valedictory Session
4:30 - 5:00 PM	Tea <i>Session</i>