



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S  
RESEARCH FOUNDATION**  
(Deemed to be University under section 3 of the UGC Act 1956)



APPROVED  
BY AICTE



ACCREDITED  
BY NAAC



RECOGNISED  
BY DSIR

Department of Electrical and Electronics Engineering Organizes

International Faculty Development Programme on

**11<sup>th</sup> to 16<sup>th</sup>  
MaY, 2020**

# Research challenges and Innovations in Renewable Energy systems

E-Certificate will be provided on successful completion of FDP

For Registration : <https://tinyurl.com/ybxt2kq8>

**11<sup>th</sup>  
May**

**DESIGN AND MODELING OF WIND  
ENERGY CONVERSION SYSTEM AND ITS  
CHALLENGES**  
11<sup>th</sup> May, 04.00 pm (IST)



**Mr. K. BOOPATHI**  
Additional Director, R&D  
National Institute of Wind Energy  
(NIWE) (Formerly CWET)  
Chennai, India.

**12<sup>th</sup>  
May**

**RESEARCH CHALLENGES IN WIND  
ENERGY CONVERSION SYSTEM**  
12<sup>th</sup> May, 04.00 pm (IST)



**Dr. S. SENTHIL KUMAR**  
Professor / Department of  
EEE, National Institute of Technology,  
Tiruchirappalli, India.

**13<sup>th</sup>  
May**

**POTENTIAL IMPACT OF NANO  
TECHNOLOGY ON RENEWABLE ENERGY  
APPLICATION**  
13<sup>th</sup> May, 04.00 pm (IST)



**Dr. K. RATHNAKANNAN**  
Associate Professor,  
Dept of EEE, Anna University  
Chennai, India.

**14<sup>th</sup>  
May**

**CHALLENGES IN IMPLEMENTATION OF  
BIOENERGY AS A SUCCESSFUL  
ALTERNATIVE FUEL.**  
14<sup>th</sup> May, 04.00 pm (IST)



**Ms. MANJULA  
SIRIWARDHANA**  
Senior Research Engineer, National Engineering  
Research and Development Centre, Sri Lanka  
and PhD scholar, Australian National University,  
Canberra, Australia

**15<sup>th</sup>  
May**

**ENERGY SOLUTIONS FOR SMART CITIES  
AND COMMUNITIES**  
15<sup>th</sup> May, 04.00 pm (IST)



**Mr. PISIT MANEECHOT**  
Deputy Director, Center of Excellence for  
Smart Grid Technology in Asia Pacific,  
School of Renewable Energy and Smart  
Grid Technology, Naresuan University,  
Thailand

**16<sup>th</sup>  
May**

**RENEWABLE ENERGY IN  
MYANMAR**  
16<sup>th</sup> May, 04.00 pm (IST)



**Dr. AUNG ZE YA**  
Head, Renewable Energy  
and Smart Grid Lab, Yangon  
Technological University,  
Myanmar

**Convener : Dr. L. Chitra, HOD / EEE**  
**Coordinators : Dr. K. Boopathy, Asso. Prof. / EEE | Mr. V. Rattan Kumar, Asst. Prof.(II) / EEE**  
**For Contact - 94454 51453 & rattankumar@avit.ac.in**