



**FACULTY DEVELOPMENT
PROGRAMME ON**

**RESEARCH
CHALLENGES IN
RENEWABLE ENERGY
TECHNOLOGIES**

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ORGANIZING COMMITTEE

Chief Patron

Dr. Mohan Manghnani, Chairman,
New Horizon Educational Institution

Patron

Dr. Manjunatha, Principal
New Horizon College of Engineering, Bengaluru

Convenors

Dr. Vinoth Kumar.K, Associate Professor
Dr. B. Gunapriya, Associate Professor
Dr. A. Singaravelan, Sr. Assistant Professor
Dr. N. Prabhakaran, Sr. Assistant Professor
Mr. D. Satish Kumar, Sr. Assistant Professor

14 - 20 SEPTEMBER 2020

Last Date for Registration : 12.09.2020

Use Below Link for Registration

<https://forms.gle/jGfForVdbzaLFccr6>

**Free
Registration**

**E-Certificate
will be provided**

RESOURCE PERSONS

14.09.2020
10.00 to 11.00 AM



Dr. Hitesh Dutt Mathur

Associate Professor,
Department of Electrical and Electronics Engineering
Birla Institute of Technology & Science, Pilani

Day 1, Topic: Recent advances in Smart Grid Technologies

15.09.2020
10.00 to 11.00 AM



Dr. Puneet Mishra

Assistant Professor,
Department of Electrical and Electronics Engineering
Birla Institute of Technology & Science, Pilani

Day 2, Topic: Self tuning fuzzy control structure for integrated power systems

16.09.2020
10.00 to 11.00 AM



Dr. S. Senthil Kumar

Associate Professor
National Institute of Technology, Tiruchirappalli
Day 3, Topic: Research Challenges in Wind Energy Conversion Systems

17.09.2020
10.00 to 11.00 AM



Dr. M. Kowsalya

Professor
Vellore Institute of Technology, Vellore
Day 4, Topic: Integration of Renewable energy sources to Grid

18.09.2020
10.00 to 11.00 AM



Dr. A.Immanuel Selvakumar

Professor
Karunya Institute of Technology and Sciences, Coimbatore
Day 5, Topic: Machine Learning for Smart Grid

18.09.2020
2.00 to 3.00 PM



Dr. V.K Arun Shankar

Engineer (Testing)
Danfoss Drives Segment - R&D(SW), Sriperumbudur
Day 5, Topic: An insight to VFD based centrifugal pump efficiency improvements

19.09.2020
10.00 to 11.00 AM



Dr. M. Lydia

Professor
Sri Krishna College of Engineering and Technology, Coimbatore
Day 6, Topic: Predictive Analytics in Wind Energy

20.09.2020
10.00 to 11.00 AM



Dr. Vijayakumari A

Associate Professor
Amrita School of Engineering, Coimbatore
Day 7, Topic: Research Challenges in Inverter function for high penetration of Renewable Energy

RCRET20-NHCE

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