

## Five-Day International Online Faculty Development Program

on

## Recent Trends in Power Electronics, Controllers and Power Systems (RTPECPS-2021)

Organized by the Department of EEE

19<sup>th</sup> - 23<sup>rd</sup> July, 2021

[Link & QR Code for Registration](https://tinyurl.com/4jds5mtf)

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- ❖ No Registration Fee.
- ❖ Attempting quiz, submission of feedback form and 80 % attendance are mandatory to receive the e-certificate.
- ❖ The link to join the official FDP WhatsApp group will be provided through your email once you register for this programme.
- ❖ The presentation link and other required communications will be shared through WhatsApp group / Email.
- ❖ Research scholars and post graduate students are also eligible to register this five day FDP.

### Resource Persons & Schedule

S.No	Date	Session-1	Session-2	Session-3	Session-4
		10.00 to 11.30 AM	11.30 AM to 12.30 PM	02.00 to 03.30 PM	03.30 to 04.30 PM
1	19/07/2021 (Monday)	<p><b>Inaugural Session and Lecture on “Electrical Substation and Automation”</b></p> <p><b>Dr. M.H Naeem</b> Professor Dept. of Electrical Engineering University of Marra Malaysia</p>	<p><b>“Power Electronics Controllers for Electrical Drives and Wind Energy Conversion System”</b></p> <p><b>Dr. Ranjan Kumar Behera</b> Associate Professor Dept. of Electrical Engineering IIT Patna, Patna</p>	<p><b>“Recent Trends in Power System”</b></p> <p><b>Dr. Tripta Thakur</b> Professor and HOD Dept. of Electrical Engineering MANIT Bhopal</p>	<p><b>“Distributed Control of DC Micro grid”</b></p> <p><b>Dr. Sreedhar Madichetty</b> Assistant Professor Dept. of Electrical Engineering ECSE, Hyderabad</p>
2	20/07/2021 (Tuesday)	<p><b>“Achieving Energy Resilience through Smart Energy Community”</b></p> <p><b>Dr. Malabika Basu</b> Senior Lecturer, School of Electrical and Electronic Engineering Technological University Dublin , Ireland</p>	<p><b>“Switched-Capacitor Multilevel Inverters”</b></p> <p><b>Dr. Sandeep N</b> Assistant Professor Dept. of Electrical Engineering MNIT Jaipur</p>	<p><b>“Controller Design of Power Converters”</b></p> <p><b>Dr. Venkata Ramana</b> Assistant Professor Dept. of Electrical Engineering Delhi Technological University</p>	<p><b>“DC-DC Resonant Power Converters”</b></p> <p><b>Dr. Nagendrappa</b> Assistant Professor Dept. of Electrical and Electronics Engineering NITK Surathkal</p>

3	21/07/2021 (Wednesday)	<p><b>“Power System: A Cyber Physical Entity”</b></p> <p><b>Dr. Santosh Kumar Hampannavar</b> Professor School of Electrical and Electronics Engineering</p> <p>REVA University, Bengaluru</p>	<p><b>“Microgrid”</b></p> <p><b>Dr. Santhosha Kumar</b> Assistant Professor Dept. of Electrical Engineering, School of Engineering</p> <p>Central University Karnataka.</p>	<p><b>“Application of IoT Agriculture Sector”</b></p> <p><b>Dr. N Shankar</b> Associate Professor Dept. of Electrical Engineering,</p> <p>NIE Mysuru.</p>	<p><b>“Power System Reliability”</b></p> <p><b>Dr. Saheli Ray</b> Assistant Professor, Dept. of Electrical Engineering</p> <p>NIT Silchar</p>
4	22/07/2021 (Thursday)	<p><b>“VREP and Python for Robotic System Simulation and Control”</b></p> <p><b>Dr. Nabanita Adhikary</b> Assistant Professor Dept. of Electrical Engineering</p> <p>NIT Silchar</p>	<p><b>“Power System Stability Analysis”</b></p> <p><b>Dr. Shashidhara Kotian</b> Assistant Professor Dept. of Electrical and Electronics Engineering</p> <p>NITK Surathkal</p>	<p><b>“On-field Prospective of Microgrid”</b></p> <p><b>Dr. Kushal Manohar Jagtap</b> Assistant Professor Dept. of Electrical Engineering</p> <p>NIT Srinagar (J&amp;K)</p>	<p><b>“Deep Learning Approach in Solar Forecasting”</b></p> <p><b>Dr. Shazia Hasan</b> Assistant Professor Dept of Electrical and Electronics Engineering</p> <p>BITS Pilani, Dubai</p>
5	23/07/2021 (Friday)	<p><b>“Condition Monitoring of Power Apparatus”</b></p> <p><b>Dr.Yogesh Yashwant Pundlik</b> Professor &amp; Head Department of EEE</p> <p>KITS Telangana.</p>	<p><b>“Power System Challenges with High Penetration of Power Electronic Interfaced Power Sources”</b></p> <p><b>Mr. Ravipudi Sudhir</b> Sr. Transmission Planning Engineer</p> <p>DEWA, Dubai.</p>	<p><b>“Generator Design Approach: Industrial Perspective”</b></p> <p><b>Dr. Ram Deshmukh</b> Director CSSP Professor Dept. of Electrical and Electronics Engineering</p> <p>SR University, Warangal.</p>	<p><b>“Valedictory”</b></p> <p><b>Dr.P.Mallikarjuna Rao</b> Professor Dept. of Electrical and Electronics Engineering</p> <p>Andhra University, Visakhapatnam.</p>

**Organizing Committee**

**Chief Patron**  
**Dr.J.Girish**  
Director Education, GMRVF

**Patron**  
**Dr. C.L.V.R.S.V. Prasad**  
Principal

**Convener**  
**Dr. P. Bharani Chandra Kumar**  
HoD, Department of EEE

**Coordinators**  
Dr. L.V. Suresh Kumar, Assistant Professor, EEE  
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