Two Week Faculty Development Programme

On Modern power electronics: Modeling, simulation and Applications

(February 8-20, 2021)

Organized By

Institute of Technical and Scientific Research

Website: www.itsr.co.in

ABOUT THE FDP

Power electronics is in the key role for the integration of Renewable energy sources in to power system. Now a day's power electronics has tremendous application in modern domestic and industrial field. This program will focus on concept of power electronics, and its application in improving the performance/efficiency of electrical system including the renewable energy. This FDP will focus on a large variety of applications including smart appliances, highly efficient power converter, smart grid, power quality improvement techniques, recent trends in electric vehicle technology, renewable energy, and efficient electric drives. The details of matrix converter, multi-level and multi-pulse converters, quality improvement of power supply will be elaborated in detail. The program will include expert lectures on relevant topics and hands on practice of simulations on MATLAB for all participants.

Overall, this FDP is serving to be a great platform to upgrade their knowledge in Power Electronics application in all relevant area.

GUEST SPEAKERS

Dr. R.C. Bansal, University of Sharjah
Dr. Dinesh Yadav, RTU, Kota
Dr. S . K. Sharma, MITRC, Alwar
Dr. A. K. Sharma, RTU, Kota
Dr Pushpendra Singh, JKLU, Jaipur
Dr. K.G. Sharma, GEC, Ajmer
Dr Rahul Garg, Skill India
Dr Niraj Priyadarshi, Bihar
Dr Vinesh Agarwal, Sangam University, Bhilwara

APPLICATION FORM

Two Week Faculty Development Programme On Modern power electronics: Modeling, simulation and Applications during February 8-20, 2021

1. Name :

2. Gender :

3. Designation :

4. Department:

5. Organization:

6. Educational Qualification :

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7. Area of specialization :

8. Address :

9. Phone: Mobile :

10.E-mail:

11.Experience:

Signature of Applicant

- **Looking into COVID-19 situations, This FDP will be held in online mode**