

About the Course

The Smart Grid (SG) is combination of information, communications & electrical technologies for efficient grid operations. SG acts as a backbone infrastructure for deployment of resilient and efficient energy systems. The objective of this FDP is to introduce about the SG technologies and communication protocols in power system. The course will provide an excellent platform to explore the challenges, issues, control and opportunities in SG for power system. **The Scope of the FDP is broad and not limited to below areas only as,** SG Technologies and its Applications, Communication Protocol for SG, Smart Building and Smart City, Electric Vehicles in SG, Wide area measurement System and PMU, Demand Response, Demand side Management etc.

Target Audience

Faculty members from academic institutes, professionals from Industries and research organizations.

About College

Rajkiya Engineering College, Sonbhadra was established by the Government of Uttar Pradesh in the year 2015 with one branch, Computer science & engineering with annual intake of Sixty (60). Later on in 2016 two new branches Electrical Engineering and Electronics Engineering with intake of 60 each have been started. The college has been shifted to its own fully residential campus located at Churk, Robertsganj, Sonbhadra in the month of July 2017 and all academic activities from the session 2017-18 is running from its own campus. Fully residential campus consists of two Academic Buildings, Administrative building, Workshop, Hostels (Boys and Girls), Student Activity Center, College Canteen, Grocery Store, round the clock electricity & water supply and other facilities for recreation.

About Department

The department of Electrical Engineering was established in 2016. The department's vision is to produce quality engineers capable of providing sustainable solutions for complex problems and promoting cost effective, environment friendly, indigenous technology for all sections of society and to frame a well balanced curriculum with emphasis on basic theoretical knowledge as well the requirements of the industry.

Chief Patron

Prof. Vinay Kumar Pathak

Vice-Chancellor, AKTU-Lucknow

Patron

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Director, REC Sonbhadra

Convener

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Coordinators

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Dr. R. K. Patel, Assist. Prof., EED

Organizing Secretaries

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Mr. Ram Ishwar Vais, Assist. Prof., EED

Mr. T. Chiranjeevi, Assist. Prof., EED

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- Prof. Rajesh Gupta, MNNIT Prayagraj
- Prof. Nand Kishor, MNNIT, Prayagraj
- Prof. Ranjan K. Behra, IIT Patna
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- Dr. Yogesh Singh Chauhan, KNIT Sultanpur

Registration Link

<https://forms.gle/Xik2TTaFP5SthWHc6>

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Online Faculty Development Programme

on

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Department of Electrical Engineering
Rajkiya Engineering College
Sonbhadra, U.P.

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