

## About the Course

Development of advanced control strategies for complex, uncertain and non-linear systems become a central activity in all disciplines of engineering and science. The aim of this FDP is to create a platform for all the researchers to expose their novel ideas on design of advanced control techniques to manage complex systems effectively. The design procedures of various advanced control techniques for different applications will be presented and demonstrated in this FDP, which enables the attendants to gain better insights of real time control problems. **The Scope of the FDP is broad and not limited to below areas only as, Fractional order fuzzy logic controllers, Model reference adaptive control, Sliding mode control, Model order reduction, Model predictive control, Neural network controller, Fractional order optimal control problems 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.

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## Registration Link

<https://forms.gle/eTnAeoeGbF7g75A3A>

**There is no registration fee to attend this FDP**

## Contact Us

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## Online Faculty Development Programme

on

## Advanced Control Strategies: Design & Applications (ACSDA-2021)

28<sup>th</sup> June– 2<sup>nd</sup> July, 2021

## Sponsored By



**FET, AKTU, Lucknow**

## Organized By



**Department of Electrical Engineering  
Rajkiya Engineering College  
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