

Online Faculty Development Program
on
**Recent Advances in Control Systems
(RACS-2020)**



(Sponsored by AICTE)

October 17- 21, 2020



Organized by

Course Coordinators

Dr. Awadhesh Kumar & Dr. Shekhar Yadav

Department of Electrical Engineering

Madan Mohan Malaviya University of Technology

Gorakhpur-273010, (U.P) INDIA

(Formerly, Madan Mohan Malaviya Engg. College)

Established by U.P. Government Act no-22 of 2013

About University

Madan Mohan Malaviya University of Technology, Gorakhpur has been established in the year 2013 by the Government of Uttar Pradesh in the form of a non-affiliating technical University after reconstituting the Madan Mohan Malaviya Engineering College, Gorakhpur which was established in 1962. The University offers seven undergraduate programs in the disciplines of Civil, Chemical, Electrical, Mechanical, Electronics & Communication Engineering, Computer Science & Engineering and Information Technology along with twelve M.Tech programs in various specializations and also provide facilities for the Doctoral programs in all the academic departments.



About Gorakhpur

The Gorakhpur is well connected by road and rail to all major cities Lucknow (270 Km), Varanasi (197 Km) and Patna (220 Km). Direct flights are also available from New Delhi to Gorakhpur. The MMM University of Technology is situated on Deoria road about 9 Km from Gorakhpur Junction and 5 Km from the Gorakhpur airport.

Organizing Committee

Patron

Prof. J. P. Pandey

Hon'ble Vice Chancellor
MMMUT Gorakhpur, India

Chairman

Prof. A. K. Pandey

Head, Electrical Engineering
MMMUT Gorakhpur, India

Coordinators

Dr. Awadhesh Kumar

Dr. Shekhar Yadav

Assistant Professors, EED
MMMUT Gorakhpur, India

List of Speakers

Dr. Radhakant Padhi, Professor, IISc Bangalore

Dr. Nischal Verma, Professor, IIT Kanpur

Dr. Shubhi Purwar, Professor, MNNIT Prayagraj

Dr. Sourav Patra, Associate Professor, IIT Kharagpur

Dr. Bharat Bhushan Sharma, Professor NIT Hamirpur

Dr. Shyam Kamal, Assistant Professor, IIT BHU, Varanasi

Dr. Sandeep Ghosh, Assistant Professor, IIT BHU, Varanasi

Dr. Manas Kumar Bera, Assistant Professor, NIT Silchar

Dr. B. P. Joshi, Assistant Professor, SIT Pithoragarh

Dr. Debdas Ghosh, Assistant Professor, IIT BHU

Mr. Anurag Singh, Senior AOL Faculty

About RACS-2020

The Department of Electrical Engineering is organizing one-week Faculty Development Program on **Recent Advances in Control Systems (RACS-2020)**. The Course is designed for Faculty Members, PG students and Research Scholars. The course has been designed to cover both theoretical as well as the practical concepts in the control systems engineering along with the tools and simulators useful for the participants for their Training, Projects, and Research Work.

Contents of the Course

The Course provides in-depth coverage on possibly few of the following areas:

- **Practical/ Real-Time Applications of Control Systems Theory**
- **Linear and Nonlinear Systems**
- **Adaptive & Optimal Control Systems**
- **Robust Control**
- **Event Triggered Sliding Mode Control**
- **Fractional Order Systems**
- **Linear Matrix Inequality**
- **Artificial Neural Network & Fuzzy Control**
- **Networked Control Systems**

The resource persons for the FDP shall be the faculty members & eminent speakers from other IIT's / NIT's along with persons from the Industries.

Course Duration

One Week (October 17 - 21, 2020)

Eligibility Criteria

The program targets Faculty members, Engineers, PG students and Research Scholars. Limited to 200 participants on first come first served basis.

Registration & Address for Communication

The applicants are requested to get themselves registered through the following link:

<https://atalacademy.aicte-india.org/signup>

For any further query, you may contact:

Dr. Awadhesh Kumar

Dr. Shekhar Yadav

Assistant Professors, EED

& Coordinators, RACS-2020

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Department of Electrical Engineering

Madan Mohan Malaviya University of Technology,

Gorakhpur-273010, India

Contact: +91- 9235501645,8765783665

Important Dates

Last Date to Apply: September 30, 2020

Note: Please register early; don't wait for the last date as seats are limited. The course is targeted to **CONTROL COMMUNITY ONLY.**

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AICTE- Training and Learning (ATAL) Academy