

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. B. B. Sharma, Professor, NIT Hamirpur
Dr. Shyam Kamal, Assistant Professor, IIT BHU
Dr. Sandeep Ghosh, Associate Professor, IIT BHU
Dr. D. Chandra, Ex-Professor, MNNIT, Allahabad
Dr. Bidyadhar Subudhi, Professor, IIT Goa
Dr. S. Purwar, Professor, MNNIT, Allahabad
Dr. R. N. Banavar, Professor, IIT Bombay
Dr. L. Bahera, Professor, IIT Kanpur
Dr. V. K. Giri, Professor, MMMUT GKP
Dr. A. Kumar, Assistant Professor, MMMUT GKP
Dr. S. Yadav, Assistant Professor, MMMUT GKP

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.

Online Faculty Development Program on Recent Advances in Control Systems (RACS-2021)



(Sponsored by AICTE)

October 18- 22, 2021

Course Coordinators

Dr. Awadhesh Kumar & Dr. Shekhar Yadav



Organized by

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 RACS-2021

The Department of Electrical Engineering is organizing one-week Faculty Development Program on **Recent Advances in Control Systems (RACS-2021)**. The Course is designed for Faculty Members, Engineers, 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 Projects and Research Work.

Contents of the Course

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

- **Nonlinear Dynamics & Control**
- **Adaptive & Optimal Control**
- **Robust and Intelligent Control**
- **Cyber Physical Systems**
- **Model Order Reduction**
- **Networked Control Systems**
- **Application of Control Theory to Aerospace and Under water vehicles**
- **Optimization based Control**
- **Control Applications to Healthcare Systems**

The resource persons for the FDP shall be the faculty of the Institute itself, eminent speakers from other IIT's / NIT's along with persons from the Industries.

Course Duration

One Week (October 18 - 22, 2021)

Eligibility Criteria

The program targets Faculty members, Engineers, PG students and Research Scholars of **Electrical Engineering with specialization in Control**. 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-2021

akee@mmmut.ac.in, syee@mmmut.ac.in

Department of Electrical Engineering

Madan Mohan Malaviya University of Technology,

Gorakhpur-273010, India

Contact: +91- 9235501645,8765783665

Important Dates

Last Date to Apply: October 3, 2021

Note: Applicants whose area of interests are other than control need not apply.

**Online Faculty Development Program
On**

**Recent Advances in Control Systems
(RACS-2021)**

**October 18- 22, 2021
(Sponsored by AICTE)**

Organised by



**Department of Electrical Engineering
Madan Mohan Malaviya University of Technology
Gorakhpur-273010, (UP) INDIA
E-mail: racs.mmmut@gmail.com**



AICTE- Training and Learning (ATAL) Academy

Online Faculty Development Program on **Recent Advances in Control Systems (RACS-2021)**

(Sponsored by AICTE Training and Learning Academy ATAL)

October 18- 22, 2021

Organized by

Department of Electrical Engineering

Madan Mohan Malaviya University of Technology, Gorakhpur

Tentative Program Schedule

Date	9:00-10:00	10.00 -11.30	11:30- 12:00	12:00-13:30	13:30- 15:00	15:00-16:30
18/10/2021	Inauguration	Session-1 (Key-note speech)	Tea-Break	Session-2 (Lecture by Academic Expert)	LUNCH-BREAK	Session-3 (Lecture by Academic Expert)
19/10/2021		Session-4 (Lecture by Academic Expert)		Session-5 (Lecture by Academic Expert)		Session-6 (Lecture by Academic Expert)
20/10/2021		Session-7 (Lecture by Academic Expert)		Session-8 (Industry Expert)		Session-9 (Hands-on Training)
21/10/2021		Session-10 (Lecture by Academic Expert)		Session-11 (Lab Session)		Session-12 (Stress Management, Health and Happiness)
22/10/2021		Session-13 (Lecture by Academic Expert)		Session-14 (Lecture by Academic Expert)		Closing Ceremony Followed by Test and Feedback