

Address for Correspondence

Co-ordinator, NLCA-2014
C/o Dr. Richa Negi
Associate Professor,
Electrical Engineering Department,
Motilal Nehru National Institute of Technology
Allahabad

About the Institute and Department

Motilal Nehru National Institute of Technology (MNNIT) Allahabad is an institute of total commitment to the quality and excellence in academic pursuits. With over 50 years of experience and achievements in the field of technical education, it has traversed a long way. With the enactment of National Institute of Technology Act 2007, the Institute has been granted the status of Institution of National Importance. The Electrical Engineering Department of the Institute offers one B. Tech Program, three M. Tech. Degree Program and Ph.D. Program.



Program Date & Venue

Date- 12 -16 Nov. 2014

Venue-Electrical Engineering Department,
Motilal Nehru National Institute of Technology
Allahabad

Organizing Committee

Patron	P. Chakrabarti Director, MNNIT Allahabad
Chairman	Prof. R.K. Tripathi Head, EED, MNNIT Allahabad
Coordinators	Prof. Shubhi Purwar, EED Dr. Richa Negi, EED
Co-coordinator	Dr. Nand Kishor, EED
Treasurer	Mr. Navneet Kumar Singh, EED
Resource Persons	Experts from IITs, NITs and other reputed Institutes

Advisory Committee

Prof. Vineeta Agrawal, MNNIT Allahabad
Prof. Dinesh Chandra, MNNIT Allahabad
Prof. R. K. Singh, MNNIT Allahabad

Short Term Course

On

Nonlinear Control and their Applications



12-16 November 2014

Electrical Engineering Department

Motilal Nehru National Institute of Technology
Allahabad



Speakers

The speakers will be mainly from Motilal Nehru National Institute of Technology Allahabad. A few external speakers with expertise in related areas from IIT's and NIT's will also be part of the team.

Motivation

When engineers analyze and design nonlinear dynamical systems in areas of electrical, mechanical and other engineering disciplines, they need to absorb and digest a wide range on nonlinear analysis tool. Learning basic techniques of nonlinear control analysis and design can significantly enhance the ability of a control engineer to deal with practical control problem effectively.

This short term course will focus on basic concepts of nonlinear system analysis, nonlinear controller design and applications of nonlinear controller techniques to real time systems. The discipline of Intelligent Control and its practitioner will benefit from a formal definition of what constitutes intelligence as applied to controllers. Moreover, the advanced stability theory and real time control of MIMO (Multi-Input-Multi-Output) systems will provide better understanding of the subject. This course will be beneficial to persons involved in application of these techniques in research/industry.

Registration

Registration can be made by completing the application form and sending it to the coordinator on or before November 1, 2014, along with the applicable registration fee (as per the following table) through a DD drawn in favour of "STC-NLCA, MNNIT Allahabad" payable at Allahabad.

	INR
Professional (Industry, Academics & R&D organization)	2500/-
Student	2000/-

Note: On prior request, accommodation may be provided to participants on payment basis subject to the availability. The participants have to bear their own travelling expenses. The number of participants will be limited to 30 in number on first come first serve basis.

Topics

- Nonlinear System Behavior
- Nonlinear System Analysis
- Advance Stability Theory
- Nonlinear Control System Design
- Intelligent Control Techniques
- Real Time Control of MIMO Systems

Registration form of

Self-Financed Short Term Course
On
Nonlinear Control & their Applications
Nov 12 - 16, 2014

Organized by
Department of Electrical Engineering, MNNIT Allahabad,
Allahabad -211004

Full Name-----
(in BLOCK letters, as desired on certificate)

Designation: -----

Affiliation: -----

Highest qualification: -----

Experience: - Teaching: -----Industry: -----

Address for correspondence: -----

Mobile: ----- Email ID: -----

Registration Fee: (Demand Draft must be in favor of
"STC-NLCA, MNNIT Allahabad" payable at Allahabad)

Bank: ----- Amount: -----

DD No.:----- Date: -----

Accommodation required: YES/NO

Signature of Applicant

Address for correspondence:
The Coordinator, NLCA-2014
Electrical Engineering Department
Motilal Nehru National Institute of Technology Allahabad,
Allahabad - 211004, India

Email ID: richa@mnnit.ac.in, richa_negi123@yahoo.co.in

For more details, visit www.mnnit.ac.in