

## Faculty Development Program

On

### Advances in Control and its Application in Green Energy Technology

Under the banner of

Electronics and ICT Academy, Govt. of India  
and Coordinated by

National Institute of Technology, Patna  
&

Integral University, Lucknow

From

30<sup>th</sup> Sep-5<sup>th</sup> Oct, 2019

at Integral University, Lucknow



#### Chief Patron

**Prof. P.K. Jain**

Director, NIT, Patna

**Prof. S. W. Akhtar**

Chancellor, Integral University, Lucknow

#### Patrons

**Prof. (Dr.) Aqil Ahmad**

Vice Chancellor (Acting), IU, Lucknow

**Coordinator (NIT Patna)**

Dr. Md Nishat Anwar

**Coordinator (Integral University)**

Dr. Mohammed Asim

#### Organized by

Electronics and ICT Academy, NIT Patna,

HRDC, IU, Lucknow

Department of Electrical Engineering,

NIT Patna, India.

Department of Electrical Engineering,

Integral University, India.

## About NIT Patna

National Institute of Technology Patna is the 18<sup>th</sup> National Institute of Technology created by the Ministry of H.R.D. Government of India after rechristening the erstwhile Bihar College of Engineering Patna on 28.01.2004. The Institute is situated on the south bank of holy river Ganges behind Gandhi Ghat (where the ash of father of the Nation, Mahatma Gandhi was offered in the river Ganges). The Institute imparts high level education training, research and development in science, engineering technology and humanities along with high quality education and values at UG, PG and Ph.D. level. At present the Institute offers courses in six major technical disciplines viz. Architecture, Civil Engineering, Computer Science & Engg., Electrical Engg., Electronics & Communication Engg. and Mechanical Engg. It also consists of well-established departments of Physics, Chemistry, Mathematics and Humanities and Social Sciences.

## About Integral University

Integral University, a seat of educational excellence, is a premier university in Lucknow, the capital city of the state of Uttar Pradesh, India. It was established under the Act Number 9 of 2004 by the State Government. The University is duly approved by the University Grants Commission (UGC) under sections 2(f) and 12B of the UGC Act, 1956, Medical Council of India, Pharmacy Council of India, Indian Nursing Council, Council of Architecture, Bar Council of India, Indian Association of Physiotherapists, National Council for Teacher Education, UP State Medical Faculty and Distance Education Bureau. Integral University is recognized as a Scientific & Industrial Research Organization (SIRO) by the Department of Scientific & Industrial Research, Ministry of Science & Technology Government of India. In the recent past, the University has been a recipient of several prestigious awards in the education sector. Last year, the National Institutional Ranking Framework (NIRF), the most prestigious ranking by the Govt. of India, ranked Integral University 25<sup>th</sup> in the country in Pharmacy. The Faculties of Engineering and Management were ranked in 2017 as the top in the state amongst all private educational institutions by Jagran Josh based on an unbiased and unmeddled survey by Kanter-TNS, India.

## Electronics and ICT Academy

Ministry of Electronics and Information Technology, Government of India has instituted seven Electronics and Information & Communications Technology (ICT) Academies of which, the academy of NIT Patna is one. The Academy at NIT Patna aims to design and organize basic as well as specialized training programmes in niche areas of electronics and ICT for the development of required knowledge base, skills and tools to equip the teaching community with better knowledge and understanding.

## Objective and Scope

The objective of this course is to aware and enhanced the soft computing Skills, research based outcome in recent trends of Electrical and Electronics domain for the technical teachers upon the various key technologies used these days. The following are the broad topics, going to be covered in this course:

- Advancements in various green energy technologies
- Control System strategies for green energy technology
- Introduction and application of green energy in power system.
- Different control strategies for different application of Green Technology

One of the key features of this course is that, along with discussing the advanced research topics and cutting edge technologies, it will encompass fundamental aspects of digital as well as Electrical and Electronics domain technologies.

## Resource Persons

Internationally acclaimed faculty members from premier institutions like IIT Delhi, IIT Patna, IIT Ropar, IIT Dhanbad, NIT Patna, AMU, Aligarh.

## Who Can Participate

Industry personals, Faculty members of UGC/AICTE recognized Universities and Engineering colleges all over India, Research scholars, M. Tech. final year students, However there are very limited number of seats for Ph.D. /PG students; priority will be given to Ph.D. students.

## Registration Fee

- ✚ Faculty Member: Rs 1000
- ✚ Ph.D/PG Students : Rs 500
- ✚ Industry Personnel: Rs 3000

Registration fee includes Registration kit, Tea and Snacks and a Course Completion Certificate. **Certificate will be given by Electronics & ICT Academy NIT Patna.**

## Registration Process

1. Registration form should accompany a single demand draft as applicable, which should be drawn in favour of “Treasurer, Integral University, Lucknow” payable at Lucknow.
2. Scanned copy of duly filled up registration form and the demand draft must be e-mailed to the coordinator ([masim@iul.ac.in](mailto:masim@iul.ac.in)). Hard copy of the same must also be sent by post/ courier.
3. Selection will be made purely on First-Come-First- Serve basis (Subject to fulfilling the eligibility criteria).
4. Maximum thirty (30) participants will be accommodated in the STC.
5. The brochure and the registration form may be downloaded from the Institute website [www.iul.ac.in](http://www.iul.ac.in)

The registration fee can also be deposited in cash.

**Last date of submission of application: 25<sup>th</sup> September, 2019.**

## Address for Correspondence

**Enquiry should be addressed to:**

Dr. Mohammed Asim,  
Assistant Professor  
Dept. of Electrical Engineering,  
Integral University, Lucknow, UP-226026  
Mob. No.: +91-8299483184  
Email: [masim@iul.ac.in](mailto:masim@iul.ac.in)

## Advisory Committee

Dr. Syed Nadeem Akhtar, Dean Engg & DPR, IU, Lko  
Dr. Syed Aqeel Ahmad, Director HRDC, IU, Lko.  
Dr. M. Alam, H.O.D, EE, IU, Lko  
Dr. M.A. Mallick, EE, IU, Lko  
Dr. Vimlesh Verma, EE, NIT Patna.  
Dr. Bharat Gupta, ECE, NIT Patna.  
Dr. Asif Jamil Ansari, EE, IU, Lko

## Organizing Chair

Mr. Prabhat Ranjan Sarkar, EE, IU, Lko  
Dr. Mirza Mohd. Shadab, EE, IU, Lko  
Mr. Faizan Arif Khan, EE, IU, Lko

**Faculty development program (FDP)  
on**

**Advances in Control and Its Application in Power  
Technology**

**(30<sup>th</sup> Sep- 5<sup>th</sup> Oct, 2019)**

## REGISTRATION FORM

1. Name (block letter): .....

(a) Gender  Male  Female

(b) Category  Gen  OBC  SC  ST

2. Designation .....

3. Organization: .....

4. Highest Academic Qualification: .....

5. Experience (in years):

(a) Teaching: .....

(b) Industrial: .....

6. Address for communication: .....

.....

.....

Pin code: ..... Ph. No.: .....

Fax No.: .....

E-mail: .....

7. Mode of Payment  Through DD

Through NEFT

CASH

8. DD No./NEFT Trn Ref no. : .....

Date: .....

Bank Name: .....

Amount: .....

## DECLARATION

I do hereby agree to abide by the rules and regulations of the FDP.

Place: .....

Date: .....

.....  
Signature of the applicant