



AICTE Sponsored Faculty Development Program

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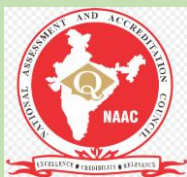
“Recent Developments in Artificial Intelligence & Robotics”

January 03-13, 2018

Organized by

Department of Electronics
and
Communication Engineering,

Narula Institute of Technology
(An Autonomous Institute under MAKAUT, WB)



MHRD Government of India
Ministry of Human Resource
Development

nirf

India Ranking 2017 within 100-150

NIT NARULA INSTITUTE OF TECHNOLOGY
An Educational Initiative of JIS Group

Received **NIRF** ranking amongst **Top 150**
Engineering Institutions in India by **MHRD, Govt.**
of India.

About NiT

Narula Institute of Technology, (NiT), is a leading autonomous Engineering & Management college, located at Agarpara near Kolkata under the aegis of JIS Group since 2001 with the approval of All India Council for Technical Education, Government of West Bengal and is affiliated to MAKAUT, West Bengal. It boasts of the prestigious NIRF ranking among 150 selected Engineering Institutes of India.

It is also accredited by National Assessment and Accreditation Council (NAAC). The college has also received the notable World Bank Assisted and MHRD approved TEQIP (Phase II) grant for the advancement of Technical Education. It is eligible for receiving Central assistance under the recognition of 2(f) & 12(B) under UGC Act.

It is running Seven number of under graduate and four number of post graduate programs in Engineering section. Apart from this AICTE approved & WBSCTE affiliated three number of Diploma courses are running in this Institute.

The institute boasts of a powerful R & D cell with immense contribution from the scholarly faculty members. There is an enormous repository of International and National Journal publications, E-books, Online Lectures which have drawn nationwide attention. With the encouragement and support from the college, around ten projects funded by organizations like UGC, BRNS, DST and AICTE are running successfully by the faculty members till date. Very recently the ECE Department has secured the MODROBS grant for upgrading their Embedded System and Electronic Design Automation Lab.

The college is in collaboration with Tech Mahindra, Reliance Jio Infocom Ltd, CII, NASSCOM, Aspire Disruptive Skill foundation, Oracle, INFOSYS, NIT Sikkim, IIT-KGP, AIT Bangkok and other organizations of repute.

About The Department

The department of ECE offers premier professional technical training that keeps in pace with the latest developments in the field of Electronics and Communication Engineering. **The UG & PG Program of the Department are NBA accredited.**

It has excellent infrastructure, highly experienced faculty member and professionals, associated with research

work which collectively ensure dynamic and vibrant environment in the campus. The department organized so many International & National Educational Programs (i.e. IEEE sponsored Seminars, Workshops, Faculty Development Programs and educational Industrial tours). There are so many events like Paper presentation, Poster presentation, Technical Quiz contest, Technical Report Writing Contest & Technical Workshop cum contest associated with IITs, are organized for the students. Department has established an IETE student chapter and it is running successfully. There are more than 200 publications are carried out by the faculty & students in National, International Journals & Conferences. **Furthermore, four MODROB Projects, One RPS funded by AICTE, One Minor Project funded by UGC are going on in this department.**

Many of our Alumni are settled in abroad and also many of the students are GATE qualified and placed in so many reputed Govt. sectors and Private Sectors Company and Research Organizations. There is also separate Departmental Library apart from the Central Library in the ECE department. We have many high valued simulation software in our department like Tanner SPICE, CADENCE, Matlab, Visual TCAD, HFSS, SIMICA, SYNOPSIS, PROTIUS, Qualnet, Active HDL, MPLS, Altera & Xilinx ISE, TMS Kit with Code Composer Studio, ARM, PIC & DSP Development Board and Advanced FPGA kit etc. We have PCB design Laboratory with full set up.

Theme of the FDP

Artificial Intelligence and Robotics is adding a new dimension to the Indian Manufacturing Sector, especially in the context of “Make in India” campaign. The FDP aims:

- ✚ To provide advanced theories in AI & Robotics, how the intelligent system can be built and worked upon, how Robots can be built using AI and computer vision concept and how robots are useful in making life easy, Recent Developments in AI & Robotics and their needs,
- ✚ To present a problem oriented in depth knowledge of Artificial Intelligence and Robotics, to address the underlying concepts, methods and application of different Artificial Intelligence and Robotics.
- ✚ To provide knowledge and analysis skills associated with the operation of robotic systems

The resource Persons are drawn from leading Academic Institutions, R&D Organizations and the Industry.

Resource Persons:

1.	Dr. Debasis Mazumdar, CDAC, Kolkata
2.	Dr. Amit Chaudhuri, CDAC, Kolkata
3.	Prof. (Dr.) Ganapati Panda, IIT. Bhubaneswar
4.	Prof. (Dr.) Subhasis Bhowmik, IEST, Kolkata
5.	Prof. (Dr.) Jaya Sil, IEST, Kolkata
6.	Prof. (Dr.) Dipti Prasad Mukherjee, ISI, Kolkata
7.	Prof. (Dr.) Bhabatosh Chanda, ISI, Kolkata
8.	Prof. (Dr.) Amitabha Chatterjee, JU, Kolkata
9.	Prof. (Dr.) Debdoot Sheet, IIT, KGP
10.	Prof. (Dr.) Ranjit Barai, JU, Kolkata
11.	Prof. (Dr.) Debasis De, MAKAUT, Kolkata
12.	Prof. (Dr.) Biswajit Sarkar, Hanyang University, Korea
13.	Prof. (Dr.) Sheli Sinha Chaudhuri, JU, Kolkata
14.	Prof. (Dr.) Ananda Shankar Chowdhury, JU, Kolkata
15.	Prof. (Dr.) Biswarup Neogi, JISCE, Kalyani
16.	Prof. (Dr.) Kunal Das, NiT, Kolkata

REGISTRATION

Faculty from AICTE approved engineering institutes should forward scan copy of applications in the prescribed application format to events.ece.nit@gmail.com on or before due date.

The candidates will be intimated about their selection by email.

IMPORTANT DATES

Last date for submission of Application: 15-12-2017.
Confirmation will be sent through mail for selected participants by 20-12-2017.

CONTACT PERSONS

• Mr. Surajit Bari, Asst. Prof., ECE, NIT
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Chief Patron:

• Sardar Jodh Singh, Chairman, JIS Group

Patron:

• Mr. Taranjit Singh, MD, JIS Group

Advisors:

• Prof. (Dr.) S.M. Chatterjee, Chairman, BOG, NIT
• Mr. Simarpreet Singh, Director, JIS Group
• Mr. S. S. Dutta Gupta, Director, JIS Group
• Prof. (Dr.) Asit Guha, Advisor to MD, JIS Group
• Mr. U. S. Mukherjee, Dy. Director, JIS Group
• Prof (Dr.) M. R. Kanjilal, Principal, NIT
• Prof. (Dr.) Salil Kumar Sanyal, Professor, ECE, NIT
• Prof (Dr.) P. K. Banerjee, Professor, ECE, NIT
• Prof (Dr.) A. K. Mallick, Professor, ECE, NIT
• Prof (Dr.) J. K. Das, Professor, ECE, NIT
• Prof. (Dr.) Subhasis Bhaumik, Professor, IEST
• Prof. (Dr.) S C Konar, Dean, R&D, NIT

Convener:

• Dr. Saradindu Panda, HOD-ECE, NIT

Coordinators:

• Mr. Surajit Bari, Asst. Prof., ECE, NIT
• Mr. Kaushik Sarkar, Asst. Prof. ECE, NIT

Organizing Committee:

• Ms. Nidhi Singh, Registrar, NIT
• Dr. Anirban Ghatak, Asst. Prof., ECE, NIT
• Mr. Pranab Hazra, Asst. Prof., ECE, NIT
• Ms. Sangita Roy, Asst. Prof, ECE, NIT
• Ms. Sandhya Pattanayak, Asst. Prof, ECE, NIT
• Ms. Arpita B. Santra, Asst. Prof, ECE, NIT
• Ms. Swati Barui, Asst. Prof., ECE, NIT
• Mr. Soumen Pal, Asst. Prof., ECE, NIT
• Ms. Arnima Das, Asst. Prof, ECE, NIT
• Ms. Piyu Sarcar, Asst. Prof, ECE, NIT
• Mr. Abhijit Ghosh, Asst. Prof, ECE, NIT
• Mr. Puspak Pain, Asst. Prof, ECE, NIT
• Ms. Rimpi Datta, Asst. Prof, ECE, NIT
• Ms. Moupali Roy, Asst. Prof, ECE, NIT
• Mr. Bholanath Pal, STA, NIT
• Mr. Atanu Wadedar, JTA, NIT
• Mr. Subrata Mazumder, JTA, NIT
• Ms. Anushree Mondal, STA, NIT
• Ms. Srabani Das Roy, JTA, NIT
• Ms. Rekha Majumder, JTA, NIT
• Mr. Sudip Pal, JTA, NIT
• Mr. Avijit Dey, JTA, NIT
• Ms. Punita Gaba, Executive, Administration
• Mr. Chiradeep Ghose, System Administrator, NIT
• Mr. Neelanjan Mitra, Accounts Officer, NIT
• Mr. Ratan Das, Site Supervisor, NIT
• Mr. Sukanta Senapati, Store In-Charge, NIT

AICTE SPONSORED Faculty Development Programme on “Recent Developments in Artificial Intelligence & Robotics”

January 03-13, 2018

Application Form

Name Dr. / Mr. / Ms.:-----

Designation: _____

Qualification: _____

Department: -----

Institution _____

Professional Experience:

Teaching:

Industry:

Mailing Address:
.....
.....

Mobile:

Email.....

Boarding & Lodging will be Needed? YES / NO

Date: _____ Signature of the Applicant

SPONSORSHIP CERTIFICATE

Dr./Mr./Ms.....is sponsored to attend the Two week FDP on “Recent Developments in Artificial Intelligence & Robotics” to be held from 3rd January–13th January, 2018 at Narula Institute of Technology, Agarpara, Kolkata.

Place: _____ Signature of the Head of

Date: _____ the Institution with Seal