OBJECTIVE

The FDP intends to provide opportunities to faculty members, research scholars to enrich their intellectual vitality and further their professional growth. The major focus of the programme is for the upgradation of teaching skill and research for faculty members in the field of microelectronics, VLSI, optoelectronics and signal processing. The Programme also aims to enhance the knowledge of participants for simulation with advanced software in the relevant field. These are also essential for inculcating learning values in students and guiding and monitoring their progress towards their career.

OUTCOME

Through the programme, participants can equip with new technological expansion to achieve the diverse, complex, and often difficult-to-develop analysis of their research work in the field of fabrication and designing of devices and signal processing in biomedical, data, image etc. Participants become more learner-centered educators while developing collegial relationships with other faculty.

ABOUT THE INSTITUTE

Narula Institute of Technology estab-lished in 2001 as an educational initia-tives of JIS Group of academic institu-tions. The institute aims at providing high quality technical education to the budding engineers and to skill them to make a mark of excellence in Education, Business and Industry. This college has been aided by World Bank under TEQIP Scheme. The college is going to be an autonomous institution.

ABOUT THE DEPARTMENT

ECE Department has been started from the inception of the institute. Not only B.Tech course, M.Tech courses like ECE (Communication) and M.Tech ECE (Microelectronics & VLSI Design) has also started. There are different excel-lent laboratories in this department. AICTE funded two MODROBS projects have been completed successfully and one is running. IETE student Fo- rum(ISF) is functioning actively in this department.

RESOURCE PERSONS

Retd. Prof. (Dr.) Samir K. Lahiri, IIT-KGP
Prof. (Dr.) Hiranmoy Saha, BESU
Prof. (Dr.) Swapna Banerjee, IIT-KGP
Prof.(Dr.) Mrityunjoy Chakraborty, IIT-KGP
Prof.(Dr.) Salil Kumar Sanyal, JU
Prof.(Dr.) Susanta Sen, CU
Prof.(Dr.) Sanatan Chattopadhyayar, CU
Prof.(Dr.) Abhirup Das Barman, CU
Prof.(Dr.) Sheli Sinha Chaudhuri, JU
Prof.(Dr.) Anirban Bhattacharyya, CU
Prof.(Dr.) Partha Bhattacharyya, BESU
Dr. Angsuman Sarkar, KGEC
Mr. Pritam Banerjee, Trident Techlabs
**Registration Form**

1. Name:  
2. Email id:  
3. Contact number:  
4. Date of Birth:  
5. Highest Degree:  
6. Designation:  
7. Institution/organization:  
8. Gender: M/F  
9. Food : veg/non-veg  
10. Brief description of your teaching/ research/working area:  
11. Purpose of attending the FDP:  
12. Demand Draft No. with date:  

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**Details of Registration**

**Registration Fee:**
- Academic Person/Faculty : Rs.1,000/-  
- Research Scholar/PG Student : Rs.500/-  

Payment should be done through demand draft only in favour of “M/S NARULA INSTITUTE OF TECHNOLOGY A/C STAFF DEVELOPMENT FUND” payable at Kolkata.

Download the registration form from the website www.nit.ac.in and scanned copy of demand draft and filled registration form should send to the following email id: ecenitfdp2014@gmail.com

Registration will be on first come first basis, limited seats are available.

Hard copy should reach within 8th January,2014 to programme co-ordinator:

**Mrs. Swati Banerjee**  
Programme Coordinator  
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**Mrs. Sangita Roy**  
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**Mr. Soumen Pal**  
Programme Coordinator  
FDP 2014,ECE Department  
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**Contact**

**CO-ORDINATOR**

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**Committees**

- **Chief Patron:** Sardar Jodh Singh, Chairman, JIS Group  
- **Patrons:**  
  - Mr. Tanejti Singh, MD, JIS Group  
  - Prof. (Dr) J.S. Chatterjee, Chairman, BOG, NIT  
  - Prof. (Dr) Anil Gupta, Director, JIS Group  
  - Mr. A. Mukherjee, Dy. Director, JIS Group  
- **Advisory Committee:**  
  - Prof (Dr) B. Mitra, Principal NIT  
  - Prof (Dr) B.L. Khapwal, Rawal Research  
  - Prof (Dr) P.K. Banerjee, Advisor JIS Group  
  - Prof (Dr) A.K. Mahbub, Professor ECE Dept.  
  - Prof (Dr) J. K. Das, Professor ECE Dept.  
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  - Mrs. N. Singh, AO, NIT  
- **Convener:**  
  - Prof (Dr) M.K. Majhi, Head ECE  
- **Finance committee:**  
  - Prof (Dr) C.S. Sinha, Assistant Director,TEQIP  
  - Mr. N. Dutta, Jr. Officer Administration,TEQIP  
  - Mr. N. Mitra, Accounts Executive, NIT  
- **Organizing committee**  
  - Mrs. Swati Banerjee, Asst. Prof.  
  - Mrs. Sangita Roy, Asst. Prof.  
  - Mr. Soumen Pal, Asst. Prof.  
- **Jt. Coordinators**  
  - Mrs. Swati Banerjee, Asst. Prof.  
  - Mrs. Sangita Roy, Asst. Prof.  
  - Mr. Soumen Pal, Asst. Prof.  
- **Members**  
  - Mr. Saradindu Panda, Asst. Prof.  
  - Mr. Suraj Bar, Asst. Prof.  
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  - Mr. Kamsik Sarkar, Asst. Prof.  
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  - Mrs. Sanjukta Banerjee, Asst. Prof.  
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  - Mr. Atanu Wadedar, TA  
  - Mr. Bholanath Pal, TA  
  - Mrs. Rekha Majumdar, TA  
  - Mr. Sudip Pal, TA  
  - Mrs. Shrabanti Das, TA  
  - Mr. Suman Sharma, TA  
  - Mr. Abhijit Dey, TA  
  - Mr. Subrata Majumder, TA

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**FDP ON “ADVANCES IN MICROELECTRONICS, VLSI DESIGN AND OPTOELECTRONICS DEVICES WITH MIXED SIGNAL ANALYSIS”**