

REGISTRATION FORM

Short Term Course
on
**Soft Computing & Optimization Techniques in
Engineering & Engineering Science
(SCOTEES 2017)**

October 10 -16, 2017
Organized by
Quality Improvement Program (QIP) Centre
National Institute of Technology, Durgapur –713209,
West Bengal, India

Sponsored by
Quality Improvement Program (QIP)
All India Council for Technical Education, New Delhi, India

1.Name in Block Letters:

2.Designation & Affiliation:

3.Male/Female:

4.Mailing Address:

5.Mobile No. :

6.E-mail ID :

7.Accommodation required (YES/NO) :

8.Vegetarian / Non-Vegetarian:

N.B.: Photocopy of this form may also be used for registration.

Signature of the Applicant with date

Forwarded by the Head of the Department/Institution

Dr./Mr. /Ms./ Miss

is a faculty in our institution and he/ she is permitted to attend the short term course to be held during October 10-16,2017 at National Institute of Technology Durgapur, if selected he/she will be granted necessary leave of absence.

*Signature and Seal of the Sponsoring Authority/
Head of the Department/Organization*

ORGANIZING COMMITTEE

Patron: Prof. Animesh Biswas, Director, NIT Durgapur

Advisory Committee:

Prof. S. Ghosh, Dean (Academic)
Prof. S. Chattopadhyay, Dean (R & C)
Prof. A. Gangopadhyay, Dean (Faculty Welfare)
Prof. N. Banerjee, Dean (Student Welfare)
Prof. K. Bhattacharya, Dean (Planning & Development)
Sri U.C. Mukherjee, Registrar (I/C)

Chairman:

Prof. Nirmal K. Roy, Dean (AOT & P)
Coordinator, QIP Centre, NIT Durgapur

Coordinator:

Dr. Partha Sarathee Bhowmik
Dept. of Electrical Engineering, NIT, Durgapur

Members:

Head, Deptt. of EE, NIT Durgapur
Head, Deptt. of BT, NIT Durgapur
Head, Deptt. of CE, NIT Durgapur
Head, Deptt. of CH, NIT Durgapur
Head, Deptt. of CS , NIT Durgapur
Head, Deptt. of EC , NIT Durgapur
Head, Deptt. of ME, NIT Durgapur
Head, Deptt. of MM, NIT Durgapur
Head, Deptt. of Mathematics NIT Durgapur
Head, Deptt. of Physics NIT Durgapur
Head, Deptt. of Chemistry, NIT Durgapur
Head, Deptt. of Earth & Environmental Studies. NIT Durgapur
Head, Deptt. of Humanities and Social Sciences, NIT Durgapur
Head, Deptt. of Management Studies, NIT Durgapur

ADDRESS FOR CORRESPONDENCE

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Course Coordinator:
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THE INSTITUTE

National Institute of Technology Durgapur (NITD) is a leading technical institute offering undergraduate, postgraduate and doctoral programmes in various disciplines of engineering, technology, science, social science and management. NITD was established as a Regional Engineering College (REC) in 1960 as a joint venture of the Government of India and Government of West Bengal.

REC Durgapur was converted to NIT Durgapur under the full administrative and financial control of the Ministry of Human Resource Development of Government of India with a Deemed University status on 3rd July, 2003. Subsequently NITD has been given the status of a University by the UGC Act. The Institute was declared an **Institute of National Importance** by the Government of India on August 15, 2007.

The city of Durgapur is recognized as one of the fastest developing Tier-II cities in the national scenarios. Durgapur is situated at a distance of about 180 KMs from Kolkata. It is located right on the major railway and expressway (NH-2) connecting Kolkata to Delhi and Durgapur can be reached from Kolkata (and vice versa) in ~ 2 hrs. 30 minutes.

THE DEPARTMENT

The Electrical Engineering course was initiated along with the Institution in 1960. Besides UG and PG courses, the Department also offers Ph.D. program. A good number of Ph.D. degrees have been awarded under the supervision of the faculty members of the Department and a number of students are perusing for their Ph.D. degrees. The Department, over the years, has successfully completed a number of sponsored and consultancy projects. Theoretical and experimental investigations are being carried out in the areas like power systems, control systems, power electronics & machine drives, high voltage, instrumentation etc.

Since inception the department is continuously contributing novel and innovative ideas in Electrical Engineering to keep pace with the latest technological developments. The department regularly organizes invited lectures by experts from academic and R&D institutions as well as industries in various fields of Electrical Engineering. The Department is well equipped with highly sophisticated and modern laboratories.

ABOUT THE SHORT TERM COURSE

Soft computing is an emerging collection of methodologies which aim to exploit tolerance for imprecision, uncertainty and partial truth to achieve robustness, tractability and total low cost. The successful applications of soft computing and the rapid growth of the same suggest that the impact of soft computing will be felt increasingly demanding in the coming years.

The proposed Short Term Course on Soft Computing & Optimization Techniques in Engineering & Engineering Science (SCOTEES-2017) will provide proper platform to participants for discussion and presentation of the latest technologies and discoveries in the field of engineering and engineering science. SCOTEES-2017 will be a quality course providing forum for academics and industrial professionals to exchange their knowledge and state of the art of aforesaid areas. This will give enthusiasm to participants for continuing their further study and research on the subject. The course contents will be taught by eminent experts in the field, having adequate teaching and research experience. This course will offer a unique opportunity to the researchers, practicing engineers, academicians and students working in this area to acquire knowledge in current and relevant topics.

TOPICS TO BE COVERED

The main focus of the course will be on the following topics:

- Measurement and Instrumentation
- Sensor and Sensor Technology
- Soft Computing
- Machine Learning
- Intelligent Systems
- Electrical Power
- High Voltage Engineering
- Energy Audit
- IoT enabled monitoring & testing
- Renewable Energy Systems

VENUE: Seminar Room, NIT Durgapur

RESOURCE PERSONS

The course content will be delivered from a pool of resource person /experts on the subject from leading industries and prestigious academic institutions

WHO CAN ATTEND SCOTEES 2017

The course is open to faculty from engineering colleges approved by AICTE. SCOTEES 2017 is aimed to attract and bring together Faculty Members from Academic Institutions. The participants will get new insights and knowledge about the topic through close interactions/discussions with the Scientists and Experts/resource person of the respective field. Selection will be based on First Come First serve basis. Maximum number of seat is limited to thirty (30).

BOARDING & LODGING

Boarding and lodging facilities will be provided for the selected outstation candidates from AICTE approved institutions in the institute guest house/ hostel, located at NIT Durgapur. Accommodation will be on twin sharing basis. Please note that no family accommodation is available/permitted.

TRAVELLING ALLOWANCE

Selected participants will be paid TA at actual subject to the limit of Three tier AC train fare ((Mode of transport is rail only). by the shortest route from the place of work to NIT Durgapur and back. **However, the maximum TA payable is Rs.3000/-.** They will be provided with a daily allowance of Rs.500/- (for 7 days only) towards boarding and lodging as per QIP rules, and will be supplied with the course materials. **Local participants will be paid DA @ Rs.150/- per day for 7 days.**

REGISTRATION FEES

No course fee is charged for participants sponsored by AICTE approved institutions. However, Rs 500/- caution-money has to be sent by the provisionally selected participants, which will be returned only when participant joined the course. All payment is to be made by demand