

REGISTRATION FORM

One Week Short Term Course

on

**Advancement of Modern Technology in
Engineering & Engineering Science**

(AMTEES 2018)

NOVEMBER 13-19, 2018

Organized by

**Quality Improvement Program Centre
National Institute of Technology, Durgapur -713209,
West Bengal, 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 NOVEMBER 13-19, 2018 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. Anupam Basu, Director, NIT Durgapur

Advisory Committee:

Prof. I. Basak, Dean (Academic)
Prof. A. K. Meikap Dean (R & C)
Prof. S. S. Thakur, Dean (Faculty Welfare)
Prof. N. Banerjee, Dean (International Relations & Outreach)
Prof. K. Bhattacharya, Dean (Planning & Development)
Prof. B. Halder (Student Welfare)
Prof. K. C. Ghanta (Coordinator, TEQIP III)
Mr. U C. Muherjee, Registrar (I/C)

Coordinators:

Prof. Nirmal K. Roy
Coordinator, QIP Centre, NIT Durgapur

Dr. Partha Sarathee Bhowmik
EE Department, 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 Management Studies, NIT Durgapur
Head, Deptt. of Humanities and Social Sc., NIT Durgapur

ADDRESS FOR CORRESPONDENCE

Dr. Partha S. Bhowmik

Department of Electrical Engineering, NIT Durgapur
M. G. Avenue, Durgapur 713 209, West Bengal, INDIA
Mobile: 09434788174/ 8016334959
Fax: 0343-2547375
E-mail: qip@admin.nitdgp.ac.in

ONE WEEK SHORT TERM COURSE

On

**Advancement of Modern
Technology in Engineering &
Engineering Science**

(AMTEES 2018)

NOVEMBER 13-19, 2018

Sponsored by

Quality Improvement Program (QIP)
All India Council for Technical Education

**Organized by
QIP Centre, NIT Durgapur**



Course Coordinators:

Prof. N. K. Roy & Dr. Partha S. Bhowmik

**Department of Electrical Engineering
National Institute of Technology Durgapur
Mahatma Gandhi Avenue, Durgapur 713 209.
Website: <http://www.nitdgp.ac.in>
E-mail: qip@admin.nitdgp.ac.in
Tel: +91-343-2754327 / Fax: +91-343-2547375**

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.

ABOUT QIP

Quality Improvement Programme (QIP) launched by the Government of India in the year 1970, is now being implemented and monitored by the National QIP Coordination Committee, funded through the AICTE. There are three main activities under QIP serving the faculty of degree-level engineering institution:

- Providing opportunities to faculty members of the degree-level engineering institutions to improve their qualifications by offering admissions to Master and Ph.D degree programmes.
- Organizing Short Term Courses at the QIP Centres for serving teachers.
- Curriculum Development Cell activities which help to improve class room teaching and learning.

Admission to Master and Ph.D. programmes are also offered in selected areas in institutions recognized as Minor QIP centres. A large number of faculty members from engineering institutions from all over the country have pursued Master and Ph.D degree programmes under this scheme. These are aimed at improving the standard and quality of technical education through improvement of the qualifications of the faculty members in the various engineering institutions.

ABOUT THE SHORT TERM COURSE

Technology plays a significant role in the educational field. The importance of technology in our daily lives is undeniable. This is due to the fact that in today's dynamic world, life without technology is meaningless. Technology, which basically refers to bringing together tools that ease creation, use and exchange of information, has a major goal of making tasks easier to execute as well as solving many mankind's problems. As technology continues to advance and direct even more easiness in our lives, there is a need to stress how advantageous it has been to our lives.

The proposed Short Term Course on **Advancement of Modern Technology in Engineering & Engineering Science (AMTEES 2018)** will provide proper platform to participants for discussion and presentation of the latest technologies and discoveries in the field of engineering and engineering science. AMTEES 2018 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
- Application of Science in Modern Era
- Intelligent Systems
- Electrical Power AND High Voltage Engineering
- Renewable Energy Systems, Energy Audit
- IoT enabled monitoring & testing
- Fibre optics and its Application
- Smart Grid

**TENTATIVE VENUE: Seminar Room 01,
S. N. Roy Memorial Building, 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 AMTEES 2018

The course is open to faculty from engineering colleges approved by AICTE. AMTEES 2018 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 draft drawn on any nationalized bank in favour of **QIP Centre, NIT Durgapur.**