

SPONSORSHIP CERTIFICATE

Certified that Dr./Mr./Mrs. _____

is being sponsored hereby for attending the QIP short term course on '**Recent Trends in Networks and Distributed Computing**' to be conducted at IIT Guwahati during Feb 10-14, 2015.

Signature of sponsoring authority

Name Office Seal Date

Selected applicants have to pay respective amount by DD. The DD needs to be sent by post to the following address. A scanned copy of the DD needs to be sent by email at sipmaths@iitg.ernet.in in on or before the deadline.

Duly filled application form should be mailed to:

Dr. Partha Sarathi Mandal
Department of Mathematics
Indian Institute of Technology Guwahati
Guwahati – 781039, Assam.
Tel. 0361-2582624

Applicants are advised to upload duly filled scanned copy (in PDF format) of the application form at the following URL:

<http://www.iitg.ernet.in/psm/qip2015>

ELIGIBILITY

The course is open mainly to teachers of Engineering colleges and polytechnics approved by AICTE. No course fee is charged for participants sponsored by AICTE approved institutions. However, Rs 1000/- caution-money has to be sent by the selected participants, which will be returned only when participant joins the course. Eligible participants from other governments departments and industries have to pay a course fee of Rs. 2500/ and Rs.5000/- respectively per person after being selected and they must meet the T.A. and D.A. from their own organization. The payment is to be made by demand draft (DD) drawn on any nationalised bank in favour of **QIP, IIT Guwahati**, payable at **Guwahati**.

FINANCIAL ASSISTANSHIP

A limited number of participants from AICTE recognized institutions will be eligible for AC III tier railway fare via the shortest route from the place of work and free lodging and boarding during the course period. Candidates attending the course in full only will be eligible for TA and DA. For all other participants no TA/DA will be paid.
Please note that Tatkal reservation charges will not be reimbursed.

RECENT TRENDS IN NETWORKS AND DISTRIBUTED COMPUTING

February 10 - 14, 2015

Sponsored by

All India Council for Technical Education, New Delhi



Coordinator

Dr. Partha Sarathi Mandal

Organized by

Department of Mathematics
Indian Institute of Technology Guwahati
Guwahati – 7810039, Assam

IMPORTANT DATES

Receipt of Application: January 6, 2015
Intimation of Selection: January 7, 2015
Deadline of payment: January 10, 2015

OBJECTIVES

Networking and Distributed Computing are essential in modern computing and communications systems. Examples are on one hand large-scale networks such as the Internet, and on other hand multiprocessors such as your new multi-core laptops. Distributed system and networking are of great interest to the research community due to its significant promised impact on the society in the last couple of decades.

The main purpose of this course is to enlighten people about recent trends in networks and distributed computing from the principles of distributed computing and to emphasize the fundamental issues on the design of distributed systems and networks.

COURSE CONTENTS

The short term course aims to include the following topics:

- Recent trends in networks
- Queueing models and queueing networks
- Localization and coverage problems in wireless sensor networks
- Distributed algorithms
- Scheduling in distributed systems
- Fault-tolerance in distributed computing systems
- Distributed algorithms for swarm robots

SPEAKERS

Speakers will be Faculties from the Department of Mathematics, CSE, EEE of IIT Guwahati. Moreover, few external speakers with expertise in related area will also be invited for lectures.

COURSE MATERIAL

Short notes, slides and reference materials will be provided on CD/printed form.

BOARDING AND LODGING

Boarding and Lodging facilities will be provided for the selected candidates from AICTE approved institutions in the students' hostels of the institute. Lodging can be arranged in the institute guesthouse (twin-sharing basis) on payment of rent (subject to availability) as per the rates given below:

- Single occupancy Rs 450.00 per day
- Double occupancy Rs 550.00 per day

VENUE

Indian Institute of Technology Guwahati (IITG), the sixth member of the IIT fraternity, was established in 1994 and academic programs commenced in 1995. At present the Institute has eleven departments covering the major engineering and science disciplines. The campus is about 25 Km. from the heart of the city. With the majestic Brahmaputra on one side, and hills and vast open spaces on the other side, the campus provides an ideal setting for learning. Buses (on LNB road, near RBI Police point), auto-rickshaws and taxis are available from Guwahati City to the IIT Guwahati Campus.

QIP SHORT TERM COURSE ON RECENT TRENDS IN NETWORKS AND DISTRIBUTED COMPUTING

February 10 -14, 2015

APPLICATION FORM

1. Name:
2. Designation:
3. Organization:
4. Address for communication:
.....
.....
.....
City/ Town:
State: PIN:
Mob. No: Email:
5. Academic Qualifications:
6. Experience (in years):
Teaching [] Industrial [] Research []
7. Preferred Accommodation:
Hostel [] Guest House []
8. Sponsorship certificate is attached: Yes / No.
Kindly register me for the QIP short-term course on '**Recent Trends in Networks and Distributed Computing**' to be held at IITG.

Place:

Date:

Signature of the applicant