ABOUT NIT

National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli, is one among the premier Institutions of India and is well known for its high standards in teaching and research. It offers 10 undergraduate and 23 postgraduate programs in disciplines spanning engineering, science, architecture and management. It has been declared as an Institute of National Importance by the Government of India under NIT Act. According to the Ministry of Human Resources Development, NIRF 2017, NIT Trichy has been ranked as the 1st NIT among all the NITs and 11th among all the technical institutes in India. The Institute has signed MoUs with various Industries and Institutions both in India as well as in abroad to promote collaborative research and consultancy.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering established in the year 1983. The vision of the department is to produce Creators of Innovative Technology. The Department of Computer Science and Engineering with its cohesive team of faculty members, offers a sound program for B.Tech., M.Tech., M.S. and Ph.D. The curriculum is updated regularly to keep up with the growing demands and the changing trends of the software industry and research laboratories. Government of India has recognized this Department as a Centre for Quality Improvement Programme in PG and Ph.D. courses.

OBJECTIVE OF THE COURSE

Objective of this short term course is to disseminate the knowledge of algorithms to faculty members, research scholars, UG and PG students.

RESOURCE PERSONS

- Prof. K. V. Iyer
- Dr. Michael Arack
- Dr. Kunwar Singh
- Dr. M. Amutha Prabakar

COURSE CONTENT

- Elements of Algorithm Analysis
- Sorting and searching algorithm
- Design and Analysis Techniques
- Advanced Data Structures
- Basic Graph Algorithms
- NP-Completeness
- Approximation algorithms, Randomized algorithms
- Number-Theoretic Algorithms

REGISTRATION

Registration Fee: Rs 1000/- per Participant

The DD for **Rs.1000** should be taken in favour of "**The Director, NIT, Tiruchirappalli**" payable at Tiruchirappalli.

The registration fee includes workshop kit, lunch and refreshment for all days.

ACCOMMODATION

Accommodation for participants will be arranged in the institute hostels / guest house on payment basis.

In Guest house : Rs. 300 per day

In Institute Hostel : Rs. 100 per day

IMPORTANT DATES

Complete Registration form along with the scanned DD copy should be mailed to the coordinator on or before **4th November, 2017** to the

email: algthm2k17@gmail.com

Note: DD can be submitted at the time of course registration.

One Week Short Term Course

on

Introduction to Algorithms

7th Nov – 11th Nov, 2017

Organized by

Department of CSE & CA, National Institute of Technology, Tiruchirappalli, Tamil Nadu – 620015.

COURSE COORDINATORS

Prof. K. V. Iyer
Dr. Michael Arack
Dr. Kunwar Singh
Dr. M. Amutha Prabakar

Department of CSE &CA, National Institute of Technology, Tiruchirappalli, Tamil Nadu – 620015

Email: algthm2k17@gmail.com

Phone No: 0431 – 250 3212

<p align="center">REGISTRATION FORM</p>

<p align="center">One Week Short Term Course</p>

<p align="center">on</p>

<p align="center">Introduction to Algorithms</p>

<p align="center">7th Nov – 11th Nov, 2017</p>

Name : ....

(Block Letter)

Designation : ....

Organization: ....

Official Address: ....

....

....

....

Mobile : ....

e-mail: ....

Accommodation Required: .... (YES/ NO) If Yes, Place : ....…………………. (Guest House / Hostel)

Date :

Signature : ....