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 the workshop is to disseminate the knowledge of Advanced concepts in Databases and Data Analytics to faculty members, research scholars and UG/PG students

COURSE CONTENTS

Advanced Database Systems
- Database design and Normalization
- Transaction processing
- Database System Architecture
- Parallel Database
- Distributed Database
- Active Database
- Working with XML

Data Analytics
- Data Preprocessing
- Feature Selection
- Classification
- Clustering
- Prediction
- Time Series Analysis
- Text Mining
- Sentiment Analysis
- Recommender Systems
- Hands on session on Data Analytics using R programming

RESOURCE PERSONS

The resource persons are from premier institutes like IITs, NITs, and Central Universities etc.

ONE WEEK SHORT TERM COURSE

ON

ADVANCED CONCEPTS IN DATABASES AND DATA ANALYTICS

06th Nov - 10th Nov, 2017

Organized by
**Department of Computer Science and Engineering,
National Institute of Technology,
Tiruchirappalli,
Tamil Nadu – 620015.**

COURSE COORDINATORS

**DR. E. SIVASANKAR
DR. KUNWAR SINGH
DR. M. BRINDHA**
*Department of Computer Science and Engineering,
National Institute of Technology,
Tiruchirappalli.*

REGISTRATION FORM

ONE WEEK SHORT TERM COURSE
ON
ADVANCED CONCEPTS IN DATABASES AND DATA ANALYTICS
06th Nov - 10th Nov, 2017

Name : ……………………………………………………………………………………
(Block Letter)

Designation : …………………………………………………………………………...

Organization : …………………………………………………………………………..

Official Address : ……………………………………………………………………...

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Mobile : ………………………………………………………………………………...

e-mail : …………………………………………………………………………………

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

Date :

SIGN.: ……………………   HoD/PRINCIPAL SIGN.:……………………
                                              (WITH SEAL)

REGISTRATION

Registration Fee: Rs. 1000/- per participant. Maximum number of participants: **80.**

The registration fee can be paid in the form of Demand Draft in favour of " **The Director, National Institute of Technology, 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.
Guest house : **Rs. 300** per day
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 **30th October, 2017** to the email: dadb2k17@gmail.com

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

Selected candidates will be intimated by **01st November 2017** by email.