ABOUTNITT

The National Institute of Technology, Tiruchirappalli Regional Tiruchirappalli (NIT-T), formerly known as Engineering (RECT) is College, one of the technical institutes started by the Government of India. RECT was imparting quality education since its inception - 1964- 65. In 2003, the institution has been granted 'Deemed to approval of engineering be University' status with the UGC/AICTE. With a cream of and management talent, encompassing exuberant students and inspiring faculty, integrated with State-of-the-art infrastructure facilities, NIT-T today has emerged as one of the premier institutions in the country.

National Institute of Technology Tiruchirappalli Tanjore Main Road, National Highway 67, Near BHEL Trichy, Tiruchirappalli, Tamil Nadu 620015

ABOUT THE DEPARTMENT:

The Department of Civil Engineering has been one of the oldest and finest departments of the Institute. Established in 1964, it has been involved in making professional Civil engineers. The vision of this department is to shape infrastructure development with societal focus. The department of Civil Engineering offers a program in Civil Engineering at B.Tech. level and offers Transportation Engineering Structural Engineering & Environmental Engineering at M.Tech level. The Department is recognized for excellence in research, teaching and service to the profession.

CO-ORDINATORS

Dr. S.Saravanan
Dr. R.Manjula
Dr. G. Swaminathan

Email: nittcivmardisaster@gmail.com

AICTE-MARGDARSHAN
Sponsored FDP
On

Applications of Soft Computing Tools in Disaster Modelling

29th July - 2nd August 2019

Organized by

Department of Civil Engineering
National Institute of Technology,
Tiruchirappalli,
Tamil Nadu - 620 015.

SCOPE OF THE TRAINING PROGRAM:

The objective of this course is to cover state-of-art research and challenges, outline and execution methodologies for various applications of soft computing tools in disaster modelling.

COURSE CONTENTS:

- Failure due to earthquake & Liquefaction:
- Landslides: Modelling - Application of machine learning and deep learning
- Remote sensing applications on landslide modelling
- Flood Risk Management and Risk Reduction Strategies
- Flood Forecasting, Modelling and Flood Control
- Dikes, Levees and Dams: studying Failures and proposing Strategic Solutions
- Storm Surges, Tsunamis and Sea Level Rise
- Regional impacts of climate change on water quality
- Environmental disaster such as air pollution and water pollution

RESOURCE PERSONS:

Faculty members from IITs and NITs with rich experience in teaching, research and laboratory development will be handling the session.

REGISTRATION:

Category	Individuals
Mentee Institute Participants	Free of Cost
Non-Mentee Institute Participants	Rs.2500/- [inclusive of GST]

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

ACCOMMODATION:

For Mentee Institute Participants: Free of cost.

For Non-Mentee Institute Participants: Accommodation will be arranged on a twin shared basis at a nominal fee in the institute guest house/ Hostel at Rs.600/Rs.70 per head

IMPORTANT DATES:

Last date for receiving the duly filled-in Registration forms – 15th July, 2019

Confirmation of Participants will be intimated through email by **22nd July 2019**. Selected candidates have to bring DD (Rs. 2500) in favour of "The Director, NIT, Tiruchirappalli" payable at Tiruchirappalli and submit the same on 29th July, 2019.

ADDRESS FOR COMMUNICATION

Kindly mail the Soft Copy of the registration form to the following Email:
nittcivmardisaster@gmail.com

For any clarifications, please contact:

Mr. D. Abijith, Mobile: 9629115552

Ms. Yamini Priya Mobile: 8903416043

To download the registration form and for latest updates, please refer www.nitt.edu.