

SPONSORSHIP CERTIFICATE

Certified that Dr./Mr./Ms.....
.....
is a faculty/employee/student of this institution and if selected, he/she will be permitted to attend the **Short Term Training Programme on Recent Trends in Pavement Engineering** during **December 12th – 14th, 2016**.

This is to certify that this institute is recognized by AICTE.

Place:
Date:

Signature of Head of the Institution
(Principal/Director)

(SEAL)

IMPORTANT DATES

Submission of application form through Post/Email:
9th December 2016

Intimation of Selected Candidates through Email:
10th December 2016

ADDRESS FOR CORRESPONDENCE

Dr. V. Sunitha / Dr. Nisha Radhakrishnan
Assistant Professor
Department of Civil Engineering
National Institute of Technology
Tiruchirappalli – 620 015, Tamilnadu, India
Phone: 0431-2503165, 2503162 (O)
09443302930, 09843260869 (M)
Fax: 0431-2500133
E-mail: sunitha@nitt.edu / nisha@nitt.edu

NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI

The National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli, situated in the heart of Tamil Nadu on the banks of river Cauvery, was started as a joint and co-operative venture of the Government of India and the Government of Tamil Nadu in 1964 with a view to cater the needs of man-power in technology for the country. The institute offers Under graduate programmes in ten branches and Post graduate programmes in twenty five disciplines of Science, Engineering & Technology, Management and Architecture, besides M.S. (by Research) and Ph.D. in all the departments.

DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering has been one of the oldest and finest departments of the Institute. Right from its inception in 1964, it has been involved in fulfilling its vision to shape infrastructure development with societal focus and thus accomplish its mission by providing professional Civil Engineers who will work for the society. The Department offers an Undergraduate programme in Civil Engineering and four Postgraduate programmes in Transportation Engineering and Management, Structural Engineering, Environmental Engineering and Construction Technology and Management. The B.Tech. and M.Tech. (Transportation Engineering and Management) programme have been recently accredited by NBA for 5 years. The Department also offers M.S. and Ph.D. (Full time & Part time) for aspiring researchers.

CETransE

The Centre of Excellence in Transportation Engineering (CETransE) at NIT Tiruchirappalli was established in the year 2013 by the Department of Higher Education, Ministry of Human Resource Development, and Government of India under the scheme 'Establishment of 50 Centers of Excellence in frontier areas of Science and Technology'. It was established with a vision of creating sustainable transportation technologies and infrastructure for optimal national and societal impact through shaping professional Transportation Engineers, assisting National and State agencies, providing R&D for Industry and offering continuing education. It is carrying out focused research in the areas of Transportation Planning, Intelligent Transportation Systems and Pavement Engineering.

Short Term Training Programme
On

Recent Trends in Pavement Engineering

December 12th - 14th, 2016



Coordinators

Dr. V. SUNITHA
Dr. NISHA RADHAKRISHNAN
Dr. SAMSON MATHEW
Dr. S. MOSES SANTHAKUMAR

Organized by

**Centre of Excellence in Transportation
Engineering
(CETransE)**

Department of Civil Engineering
National Institute of Technology
Tiruchirappalli - 620 015
Tamil Nadu, India
www.nitt.edu

INTRODUCTION

Pavement Engineering involves the determination of the type and thickness of pavement surface course, base and sub-base layers that in combination are cost effective and structurally adequate for the projected traffic loading.

India is one of the top three countries in the world owning millions of kilometres of roads. Inadequate maintenance and rehabilitation in many cases has resulted in accelerated pavement condition deterioration, which requires excessive funding to improve the road pavements at acceptable levels. To maximize the benefits and minimize the overall costs associated with the process, a systematic and scientific approach is needed to manage the pavements from the original construction to final reconstruction.

OBJECTIVES OF PROGRAMME

The purpose of this workshop is to provide an insight into the advent of latest technologies in Pavement Engineering

COURSE CONTENT

Pavement Materials

- Characteristics of Road Aggregates
- Bituminous Materials
- Mechanical Properties of Bituminous Mixtures
- Performance Based Design of Bituminous Mixes
- Use of Alternate & Marginal Materials

Pavement Analysis and Design

- Analysis of Layered Pavement Structures
- MEPDG Applications to Design of Flexible Pavements
- Design of Flexible Pavements
- Design of Rigid Pavements
- Tutorial – Design of Pavements

Pavement Maintenance

- Pavement Evaluation
- Non-destructive Field Evaluation of Pavements
- Equipment for Measuring Surface and Structural Characteristics
- Pavement Rehabilitation Methodologies
- Pavement Recycling

RESOURCE PERSONS

Dr. J. Murali Krishnan, IIT Madras

Dr. A. U. Ravi Shankar, NIT Suratkal

Dr. M.V.L.R. Anjaneyulu, NIT Calicut

Mr. K. Sitaram Anjanyelu, CRRRI New Delhi

Dr. S. N. Suresha, NIT Suratkal

Dr. Anjaneyappa, RV College of Engg.,
Bengaluru

Dr. K. S. Suresh Kumar, S. J. Govt. Polytechnic,
Bengaluru

Er. K. Jaisankar, Ultra Tech, Chennai

TARGET AUDIENCE

The programme is intended for faculty handling Transportation Engineering subjects for UG and PG in AICTE approved Engineering Colleges/Polytechnics, Scientists/Engineers from R&D establishments, Research Scholars and Post Graduate students.

REGISTRATION FEE

Registration fee: Rs.330/- per participant

The registration fee shall be paid by Cheque or DD drawn in favour of **The Director, NIT, Tiruchirappalli – 620015** payable at SBI, NITT Branch (Code - 1617) and can be submitted in person on the first day of the programme.

Participants will be provided free lodging in the Institute Guest House/Hostels on sharing basis. The participants who do not avail this facility will not be entitled to any rebate. Working lunch and refreshments will be provided during the workshop.

HOW TO REACH NITT?

NIT-T is located on the Tiruchirappalli - Tanjore Highway (NH-67) about 23 kms from Trichy Railway station. One can avail Bus No.128 or Tanjore bound buses from the Central Bus Stand (CBS) to reach NIT. Town buses are also available from Chatram city bus stand.

Short Term Training Programme On Recent Trends in Pavement Engineering

December 12th – 14th, 2016

REGISTRATION FORM

1. Name:.....
2. a) Age:.....b) Gender: Male/Female
3. Qualifications:.....
4. Designation:.....
5. Organisation:.....
6. Address for Communication:
.....
.....
.....
7. Mobile:.....Land Line:.....
8. E-mail:.....
9. Area of Specialization.....
.....
10. Accommodation required? Yes/No
11. Food Preference: Vegetarian/Non-Vegetarian
12. Payment Details: Amount: Rs. 330/-
Cheque /DD (No:.....)

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the programme for the entire duration. I also undertake the responsibility to inform the Coordinator sufficiently in advance, in case I am unable to attend the programme.

Place:

Date:

Signature of the applicant