

**TEQIP Sponsored one day faculty development program on**  
**“Innovation Practices In Highway Design, Construction , Maintenance And**  
**Safety”**

TEQIP Sponsored one day faculty development program on **“Innovation Practices In Highway Design, Construction , Maintenance And Safety”** was conducted on **20<sup>th</sup> February 2014** by the **Department of Civil Engineering at Thiagarajar college of Engineering, Madurai**. The staff coordinator of the course were **Dr.R.Velkennedy Associate Professor** and **Ms.D.Srividya, Assistant Professor, TCE Madurai**. Sessions was handled by experienced resource persons from Anna university, NIT Trichy . **Dr.S.Moses Santhakumar** from NIT Trichy handled a session on **“ Intelligent Transporation systems”** and **“Economic analysis of transportation projects”** ,**Dr.G.UmaDevi Associate professor from Anna university Chennai** delivered a lecture on **“Application of system Dynamics simulation modeling in road safety”**.

Also a session of lecture on **“Soil Stabilization For Highway Project”** was delivered by **Dr.K.Muthukkumaran , Associate professor, NIT Trichy**. Major topics like plastic coated aggregates bituminous pavement , non motorized transport modes , highway safety and audit , and highway maintenance were covered. Around 25 Participants from various colleges were participated in this program.

### Thiagarajar College of Engineering

TCE is a 56 years old Govt. Aided Autonomous institution, affiliated to Anna University and accredited by National Board of Accreditation. This ISO 9001:2008 certified institution founded by Philanthropist and Industrialist Late. Shri. Karumuttu Thiagarajan Chettiar is funded by Central & State Governments and Management. The college offers seven undergraduate Programmes, eleven Postgraduate Programmes and Doctoral Programmes in Engineering, Sciences and Architecture.

#### TEQIP

The World Bank supported Technical Education Quality Improvement Programme (TEQIP) is a long term programme, being implemented in three phases for a systemic transformation of the Technical Education System in India.

In its second phase (TEQIP II), around 200 engineering institutions spread across India have been competitively selected to implement the project enabling the institutions to improve the quality of technical education through institutional reforms.

#### Objective of TEQIP II

To strengthen the Institutions to improve Learning Outcomes and Employability of Graduates.

### About the Department

The Department of Civil Engineering functions with the prime goal of imparting sound and proper mix of theory and practical courses in the fundamentals and recent technological developments of Civil Engineering and allied disciplines to the students so that the students, on completion of the course, get good opportunities in industries and higher education. The other objectives of the department are: promotion of research and development activities, providing consultancy services to the industries and conducting continuing education programs.

#### Theme of the FDP

*"Road Infrastructure Backbone of Nation"*

#### Objective

The objective of this programme is to create:

- Awareness on various components of road - its design, construction, materials and maintenance.
- Awareness on advanced road infrastructure - ITS
- Awareness on quality control of materials in pavements

#### Eligibility

The faculty members from engineering colleges, Engineers and Scientists from industry with relevant background.

### Contents

The major topics planned to be covered are

- *Plastic Coated aggregates bituminous pavement*
- *System Dynamics Simulation Modelling in road safety*
- *Soil Stabilisation for Highways*
- *Non Motorised transport modes*
- *Economic Analysis of Transportation Projects*
- *Transportation System Management*
- *Construction Practices of Highways*
- *Highway Safety and Audit*
- *Highway Maintenance*

#### Resource persons and Organization

Sessions will be handled by experienced Scientist/ Researchers, Faculty members from Anna University, NIT- Trichy, NIT - Calicut, NATPAC - Trivandram, L&T Chennai and TCE.

#### Accommodation

Participants are requested to make their own arrangements for stay during the programme. However, suggestions for suitable accommodation near the college could be made on request.

#### Important Dates

Last date for receiving application : 07.02.2014  
Intimation to Participants : 10.02.2014

FACULTY DEVELOPMENT PROGRAMME  
ON

INNOVATIVE PRACTICES IN HIGHWAY  
DESIGN, CONSTRUCTION, MAINTENANCE  
AND SAFETY

20 - 22<sup>nd</sup> FEBRUARY, 2014

**REGISTRATION FORM**

Name  
(In Block Letters) :

Designation :

Department :

Institution :

Mailing Address :

Phone No. :

Email I.D. (\*) :

DD. Details (\*)

Amount :

No: Bank:

Date:

Signature of the Participant :

Mr./Ms./Dr./.....

is an employee of our Institution and sponsored for the above  
course.

Signature of the Principal:

Date:  
(\* - Mandatory)

Office seal

Registration

Registration Fee:

- Industry :Rs.5000
- Faculty :Rs.2500

to be paid by the way of Demand Draft drawn in  
favour of "The Principal, Thiagarajar College of  
Engineering", payable at Madurai.

Address for mailing the Registration Form and for further  
information; contact Course Coordinators

**Dr.R.Velkennedy**, Associate Professor

**Ms.D.Srividya**, Assistant Professor

Department of Civil Engineering,  
Thiagarajar College of Engineering,  
Madurai 625 015

E-mail ID: [civilfdp2014@gmail.com](mailto:civilfdp2014@gmail.com)

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Mobile: 9488056123, 9791260131

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Organized by

DEPARTMENT OF CIVIL ENGINEERING

THIAGARAJAR COLLEGE OF  
ENGINEERING

(A Govt Aided ISO 9001:2008 Certified Autonomous  
Institution Affiliated to Anna University)

MADURAI - 625 015  
TAMILNADU

THAIGARAJAR COLLEGE OF ENGINEERING, MADURAI - 625015

DEPARTMENT OF CIVIL ENGINEERING

TEQIP SPONSORED ONE DAY FACULTY DEVELOPMENT PROGRAM ON

INNOVATIVE PRACTICES IN HIGHWAY DESIGN, CONSTRUCTION, MAINTENANCE AND SAFETY, 20th, FEBRUARY 2014

TENTATIVE SCHEDULE

	08.30 am – 09:15 am	09:15 am – 09:45 am	09:45 am – 10:00 am	10:00 am – 11:30 am	11:30 am – 13:00 pm	13:00 pm – 14:00 pm	14:00 pm – 15:30 pm	15:30 pm – 17:00 pm	17:00 pm – 17:30 pm
Thursday 20.02.14	Registration	Inaugural function	T E A  B R E A K	Intelligent Transport System (Dr. S.Moses Santhakumar, Professor, NIT, Trichy)	Application of System Dynamics simulation modeling in road safety (Dr.G. Uma Devi, Associate Professor, Anna University, Chennai)	L U N C H  B R E A K	Soil Stabilization for Highway Project (Dr. K.Muthukkumaran, Associate Professor, NIT Trichy)	Economic Analysis of Transportation Projects (Dr. S. Moses Santhakumar, Professor, NIT, Trichy)	V A L I D I T E T A O R Y  &