



Engineering Staff College of India

An Autonomous Organ of The Institution of Engineers (India)
(ISO 9001:2015 Certified Institution)

Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. India



CIVIL & TRANSPORTATION ENGINEERING

Continuing Professional Development Programme On

Pavement Management Systems

(Flexible, Composite and Rigid)

26 – 29 June, 2018



(An ISO 9001:2015 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

INTRODUCTION:

Pavement Management System (PMS) is a system which defines the identification of optimum strategies at various management levels and maintains pavements at an adequate level of serviceability. It provides a framework to organize and carry out activities needed to provide, operate and maintain pavements throughout the life-cycle. The basic objective is to achieve the best possible value for the public funds in order to provide safe, comfortable, efficient and economic transportation system. This can only be accomplished by comparing investment alternatives, coordinating design, construction, maintenance and evaluation activities, and making efficient use of existing practices and knowledge to provide maximum satisfaction to the Road Users. It provides a good platform for planning, execution and maintenance of the Pavements.

OBJECTIVES:

The 4-day programme on “**Pavement Management Systems**” (**Flexible, Composite and Rigid**) presents different elements which encompass a wide spectrum of activities including planning, design, construction, maintenance, implementation, applications, periodic evaluation of performance and future requirements.

COURSE COVERAGE:

- Concept of Pavement Management systems
- Pavement Design standards
- Pavement Performance evaluation
- Intervention criteria & Alternate Strategies for M&R Planning
- Pavement Preservation Techniques
- Pavement Management concepts
- Repair techniques of Pavement Structures
- Role of HDM-4 in PMS
- Design and Maintenance issues for Airport Pavements
- Usage of Geo Synthetics in Road construction
- Use of Fly ash in Road construction

METHODOLOGY:

This programme will be conducted in an interactive environment providing ample scope for discussions. More emphasis will be given in the direction of providing practical solutions. Each of the participants will be given reading material during the training process.

TARGET PARTICIPANTS:

This programme is planned especially for all the agencies responsible for performance evaluation & maintenance of roads. Also agencies involved in National Highway Development Programme, Pradhan Mantri Grameen Sadak Yojana, Road Development Corporations and other similar road development related activities etc would benefit extremely. In addition, faculty members from Technical Institutes / Universities, dealing in the areas of Highways & Transportation will also get an exposure to the latest developments with this training programme assisting them in reorienting their curriculum to suit the field requirements.

BENEFIT TO THE PARTICIPANTS:

- 1.The participants will gain required knowledge in the implementation of PMS and its applications
- 2.The participants will be in a position for adopting the use of PMS in planning, design, construction, maintenance and implementation of pavements

RESOURCE PERSONS

Renowned personalities both from industry as well as educational institutes / universities, who are experts in this field, will be involved in providing the training.

PROGRAMME VENUE & DATES & TIMINGS:

VENUE: Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad 500 032, India.

Dates:

26 – 29 June, 2018

Timings:

Registration on 26th June at 0900 hrs. On all other days, the programme timings will be from 0945 - 1715 hrs with breaks in between for tea and lunch.

COURSE DIRECTOR

Shri P. Muralikrishna
Faculty & Head I/C, CTE Division

COURSE ADVISER

Shri A.R.K. Murty
Adviser, CTE Division

FEES

₹. 20,000/- (Residential fee) (Rupees Twenty Thousand Only) per participant. Fee includes, course material, course kit and twin-sharing / single AC accommodation as per availability, breakfast, lunch, dinner, tea / coffee and snacks during the actual days of training programme.

Discounts

- ❖ **Non-Residential Fee-** 10% discount on course fee is allowed for non-residential participants.
- ❖ **Group Discount:** Additional 10% discount for three or more participants, if sponsored by the same organization. **(All discounts are applicable only, if fee is received at ESCI before the commencement of the programme.)**

GST 18% is to be paid extra over and above the training fee, as training is also brought under the purview of **Service Tax. PAN Card No AAATT3439Q; Service Tax registration No AAATT3439QST008 (under commercial training or coaching services – clause 65(105) (ZC) of Finance act – 1994).**

GSTN Number – 36AATT3439Q1ZV (HSN Number – 999293)

Programme fee is to be paid in favour of **“IE (I) – Engineering Staff College of India”** in the form of demand draft payable at Hyderabad.

Alternatively the payment may be made by **Electronic Fund Transfer (EFT) to ESCI - SB A/c No. 10007111201 with The SBI, PBB, Rajbhavan Road Branch, Khairatabad, Hyderabad-500004 by NEFT/ RTGS/ IFSC Code No. SBIN 0004159 – MICR No.500002075.** While using EFT method of payment, please ensure to communicate us your company name, our invoice reference and programme title.

REGISTRATION:

Online registration shall be available on ESCI website.

To register, manually please send your nominations giving details of name, designation, contact address, email address, mobile no, telephone and fax number of the participant along with the details of mode of payment of fee.

addressed to:

Head, Civil & Transportation Engineering Division

Engineering Staff College of India

Old Bombay Road, Gachi Bowli, Hyderabad - 500 032

Phone: Direct 040-6630 4114, 6630 4115 / Fax: 040-23000336

Email : cte@escihyd.org

CERTIFICATE:

A certificate of participation will be awarded to each participant on conclusion of the programme.

GENERAL INSTRUCTIONS:

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of outstation participants, ESCI will facilitate pick-up and drop from Airport / Railway Stations / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participant directly to the Cab.
- ESCI provides complimentary accommodation and boarding to the participants one day before commencement (Check-in 1200 h) and one day after conclusion (Check-out 1200 h) of the programme duration. Overstay charges will be applicable as per ESCI rules (subject to availability of accommodation)
- Well developed Information Centre and Internet facilities are available on free of cost to the participants.