

Declaration

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

Place:

Date:

Applicant's Signature

Details of Coordinator

Dr. R. Priya

Associate Prof. in Civil Engineering

College of Engineering Trivandrum

Email: priyaramakrishnan0@gmail.com

Mob: 8547028697

Prof. Loui T R

Associate Prof. in Civil Engineering

College of Engineering Trivandrum

Email: louitr2@gmail.com

Mob: 9447972317

Eligibility

The programme is opened to the practicing engineers from Public Works Department of Kerala/ faculty members of Engineering Colleges

No registration fee.

How to Apply

Applications in the attached form duly recommended by the Head of the Organization should reach the coordinator on or before 6th January 2016. Number of Participants is limited to 30. Registration will be confirmed based on the first come first serve basis.

Training

on

**Material Characterisation, Mix Design,
and Pavement Evaluation**

18th – 22nd January 2016

Organized by



Transportation Research Center

Department of Civil Engineering

College of Engineering

Trivandrum

Introduction

The College of Engineering, Trivandrum is one of the premier institutions in Kerala and was established in 1939 as the first Engineering College in the then Travancore State.

The Transportation Engineering Section of Civil Engineering has been conducting research in different fields of Transportation Engineering including Pavement Materials, Pavement Analysis and Design and Pavement Evaluation.

About TRC

The Transport Engineering Research Centre (TRC) was instituted at the Transportation Division, Dept. of Civil Engineering, College of Engineering, Trivandrum in March 2012 with the intention of contributing its academic and research output to offer 'better roads for the public of Kerala'. It aspires at joining hand in hand with the practicing engineers for planning, designing and building better roads and managing it efficiently throughout the service life.

About the Training Programme

Pavements are a conglomeration of materials. These materials, their associated properties, and their interactions determine the properties of the resultant pavement. Thus, a good understanding of these materials, how they are characterized, and how they perform is fundamental to understanding pavement. This requires not only a thorough understanding of the soil and aggregate properties which affect pavement stability and durability, but also the binding materials which may be added to improve

these pavement features. Material characterization is a basic aspect of pavement engineering and is critical for analysis, performance prediction, design, construction, quality control/quality assurance, pavement management, and rehabilitation. Mix selection requires a knowledge of the properties of Asphalt concrete and experimental data, and above all the experience of the expert who conduct the mix design. Pavement Evaluations provide important information about Hot Mix Asphalt (HMA) performance and service life. Therefore the focus of the training programme is to enrich the practicing engineers in the material characterization, mix design and pavement evaluation. This training programme will be useful in carrying out investigations, and detailed engineering designs and promote better construction practices to the site engineers and management consultants in highway development projects, for upgradation of existing highways and in the construction of the new roads.

Content of the Training Programme

This training programme mainly focus on practical and theoretical aspects in the following areas

- Properties of Subgrade Soil
- Material characterization
- Mix Design
- Quality control
- Pavement Evaluation

The training programme includes lectures by experts in the field of Pavement Engineering, laboratory instruments for material characterization, tutorials, and laboratory and field sessions

Training on Material Characterisation, Mix Design, and Pavement Evaluation

1. Name:
2. (a) Date of Birth: (b) Gender: M / F
3. Designation:
4. Institution/Department:
5. Address for Communication:
6. Phone: (O) Mobile No.:
7. E-mail id:
8. Educational Qualifications:
9. Area of Specialization/interest:
10. Years of experience:

Date:

Place: Applicant's Signature

The application of Dr./Mr./Ms..... is forwarded herewith.

(Signature of the Head of Department with seal and date)