

ELIGIBILITY

Practicing engineers from construction and consultancy firms, government and public sector agencies, scientists/engineers from R&D establishment, teachers, post graduate and research students from engineering colleges having interest in the design and evaluation of pavements can apply.

REGISTRATION FEE FOR PARTICIPANTS

Registration fee does not cover the cost of travel, food and accommodation.

Participants from Private and Government agencies	Rs. 12,500/-
Teachers from Engineering Colleges	Rs. 7,500/-
M.Tech / Ph.D / MS Students	Rs. 2,000/-

SPONSORSHIP

Interested agencies can avail the sponsorship opportunity as per the following details.

Type of sponsorship	Amount	Registration fee waiver for	Presentation duration
Gold	Rs.1,00,000	04 participants	15 minutes
Silver	Rs. 50,000	03 participants	—
Bronze	Rs. 25,000	01 participant	—

Sponsors will have the opportunity to display banners at designated places at the workshop venue.

HOW TO APPLY?

Application for attending the workshop, in the format given overleaf, should be accompanied by registration fee in the form of crossed demand draft drawn on any nationalized bank in favour of "CEP-STC, IIT, Kharagpur" payable at Kharagpur, West Bengal. No refund of registration fee will be made in case of withdrawal of the candidate.

IIT Kharagpur was established under Institute of Technology Act 1961 and is exempted from paying Income Tax under Section 10(23C)(iiiab) of Income Tax Act, 1961. As a consequent the Institute is exempted under section 194J of the Income Tax Act, 1961. Hence no TDS (Tax Deduction at Source) should be made.

ACCOMMODATION

Arrangement will be made to accommodate a limited number of participants in the Visveswaraya and other guest houses at IIT, Kharagpur. The number of beds is limited to 50. The rooms will be allotted to the participants on a first-come first-served basis and on a chargeable basis.

Twin sharing room (AC) charge/day: Rs. 200/- per head in Visveswaraya Guesthouse and Rs. 600/- per head in New Guest House.

VENUE FOR LECTURES

Lectures will be held in the seminar hall of the Civil engineering department, IIT, Kharagpur.

CONTACT

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(or)

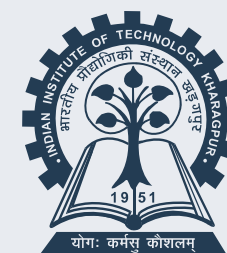
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Three-Day Workshop on Developments in Pavement Design, Evaluation and Material Characterization (DePave)

November 15-17, 2015



Course Coordinators

Dr. M. Amaranatha Reddy
Prof. K. Sudhakar Reddy

Department of Civil Engineering
Indian Institute of Technology
KHARAGPUR -721 302, W.B

ABOUT THE INSTITUTE

The Indian Institute of Technology Kharagpur is one of the highest ranked technical institutes in India. The Civil Engineering Department was established in the year 1951 and it is one of the oldest departments of IIT Kharagpur. The Transportation Engineering Section of Civil Engineering has been conducting research in different aspects of Transportation Engineering including Pavement Materials, Pavement Analysis and Design and Pavement Evaluation for the last four decades.

FOCUS OF THE WORKSHOP

The focus of the workshop is to discuss the latest developments in the areas of pavement design, pavement evaluation and pavement material characterization. Besides the presentations to be made by the experts, it is also planned to demonstrate different design software and structural evaluation of pavement using Falling Weight Deflectometer (FWD).

The following topics will be covered in the workshop.

Pavement Design:

- Mechanistic- Empirical Approaches for Pavement Design
- Salient features of IRC: 37-2012 – “Guidelines for Design of Flexible Pavements”
- Salient features of IRC:58-2011 and IRC:58-2015 “Guidelines for the Design of Plain Jointed Rigid Pavements for Highways”
- IRC:SP:76-2015 “Guidelines for Conventional and Thin White topping”
- Effective CBR for Weak Sub-grade soil
- Innovative Pavement Designs for Low Volume Roads

Pavement Evaluation:

- Developments in Structural Evaluation of Pavements
- IRC: 115-2014 -“Guidelines for Structural Evaluation and Strengthening of existing Flexible Pavement using Falling Weight Deflectometer (FWD) Technique”
- IRC: 117- 2015 –“Guidelines for Structural Evaluation of existing Rigid Pavement using Falling Weight Deflectometer (FWD) Technique”

Pavement Material Characterization:

- Advanced Binder Evaluation: Binder characterization using Dynamic Shear Rheometer (DSR)
- Evaluation of Bituminous Mixes for Elastic modulus, Dynamic modulus, Flow number, Fatigue and Rutting characteristics, Moisture susceptibility of bituminous mixes
- Bituminous Mix design for a) Dense graded Mixes b) Hot recycled Mixes c) Cold recycled Mixes d) Warm Mixes e) Cement grouted Mixes
- Laboratory demonstration of Pavement Material Characterization

Faculty

Resource persons will be from IIT Kharagpur and other agencies.

Lecture Notes and Certificate

Arrangement is being made to deliver lecture notes/PPT to the participants before the start of the course. Participants will be given workshop participation certificate

COURSE COORDINATORS

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Prof. K. Sudhakar Reddy

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Application form for the Workshop on Developments in Pavement Design, Evaluation and Material Characterization (DePave)

(15-17 Nov, 2015)
(Last date for submission: 6th Nov 2015)

Name: _____

Designation: _____

Organization: _____

Mailing Address: _____

E-mail: _____

Telephone No: _____

Educational Qualification : _____

Experience (Years): _____

Please tick the appropriate box below:

- | | | |
|--------------------------|-----------------------------------|--|
| <input type="checkbox"/> | Govt/Private organizations | Rs. 12,500/- |
| <input type="checkbox"/> | Teachers from engineering college | Rs. 7,500/- |
| <input type="checkbox"/> | M.Tech/Ph.D/ MS Student | Rs. 2,000/- |
| <input type="checkbox"/> | Sponsorship (Gold/Silver/Bronze) | Rs. 1,00,000/-, Rs. 50,000/-, Rs. 25,000 |

Course fee details

Demand draft No: _____ Amount: Rs. _____

Name of the bank: _____

Date: Signature of applicant

.....
For Teachers/M.Tech/Ph.D/MS student

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

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