Application form for the Short Term Course
Concrete Roads: Analysis, Design and Evaluation
(February 27 to March 01, 2017)

Name: ____________________________________________________________

Designation: _______________________________________________________

Organization: ______________________________________________________

Mailing Address: ____________________________________________________
________________________________________________________________________

E-mail: _____________________________________________________________

Telephone No: _______________________________________________________

Educational Qualification: _____________________________________________

Experience (Years): ___________________________________________________

Designation: (Please tick the appropriate box below)
☐ Teachers from TEQIP Engineering College
☐ Participants from other Government/Private Organizations

Date: ..................  Signature of applicant

For Teachers from TEQIP Colleges

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

(Signature of Head of the Institute with date and seal)
Lectures will be held in the Maitrayee Auditorium IIT Kharagpur.

**VEENU FOr LeCTUREs AND CerTIFICATe**

Participants will also be given the Short Term Course participation certificate. Soft copy of presentation files and other related materials will be provided to the participants. Participants will be provided accommodation in the Technology Guest House, IIT Kharagpur on twin sharing basis during their stay in the campus for the course.

**FACULTY**

Resource persons will be from IIT Kharagpur. A few experts may also be invited from other organizations.

**LECTURES AND CERTIFICATE**

Soft copy of presentation files and other related materials will be provided to the participants. Participants will also be given the Short Term Course participation certificate.

**VENUE FOR LECTURES**

Lectures will be held in the Maitrayee Auditorium IIT Kharagpur.

**INSTITUTION**

The Indian Institute of Technology Kharagpur is one of the highest ranked technical institutes in India. The Civil Engineering Department is one of the oldest and reputed departments of IIT Kharagpur. The RCG School of Infrastructure Design and Management is an interdisciplinary school where research is being done on various facets of infrastructure development. Both the departments, Civil Engineering and School of Infrastructure Design and Management are presently involved in research related to various aspects of Transportation Engineering including Pavement Materials, Pavement Analysis, Pavement Design, Pavement Evaluation as well as Pavement Rehabilitation.

**THE COURSE**

Construction of cement concrete roads on a large scale has started recently in India. Several stretches of highways and city streets are now being constructed with concrete surfacing. In this context, there is a need to understand various features of concrete roads, the analysis and design procedures, and the evaluation and rehabilitation techniques. Recently, several new guidelines have been introduced for the design of jointed concrete pavement (IRC: 58 – 2015), evaluation of concrete pavement (IRC: 117 – 2015), concrete whitetopping (IRC: SP – 76 – 2015), etc. This 3 days short term course will provide a detailed orientation on several aspects of concrete pavement.

The focus of the Short Term Course is on basic fundamentals and recent developments in the areas of concrete pavement analysis and design, pavement evaluation and pavement rehabilitation. The guidelines given in IRC codes for the design, construction and evaluation of pavements will be covered in details.

The following topics will be covered in the course:

- Salient features of Concrete Roads
- Analysis of Concrete Roads
- Distresses and General Maintenance of Concrete Roads
- Developments in Structural Evaluation of Pavements
- IRC:SP:76-2015 “Guidelines for Conventional and Thin White topping”

**ELIGIBILITY FOR THE COURSE**

Candidates with Master degree in Civil Engineering/Transportation Engineering/Infrastructure and/or working/teaching in TEQIP Colleges are eligible for the course. Practicing Engineers from Construction and Consultancy Firms, Government and Public Sectors, Scientists/Engineers from R&D Establishments, and Teachers from other Engineering Colleges (other than TEQIP) having interest in the design and evaluation of concrete pavements are also welcome for the course.

**COURSE FEE**

There is no fee for participation in the course for Teachers from TEQIP colleges. They will also be provided with accommodation (twin sharing), food and local hospitality as per TEQIP norms. 30 participants will be admitted in the course from TEQIP colleges.

About 10 participants from Industry, Government and Public Sector Agencies, Scientists/Engineers from R&D Establishment, and Teachers from Engineering Colleges (other than TEQIP) may be taken for the course and a registration fee of Rs. 12500/- should be paid per participant inclusive of accommodation (twin sharing), food and local hospitality. The registration fee for these participants may be paid in the form of cheque (payable-at-pee) or crossed demand draft from any nationalized bank drawn in favour of “CEP-STC, IIT Kharagpur” payable at Kharagpur, West Bengal. The registration fees may also be paid through online transfer. The applicant may contact the coordinators for further details.

**APPLICATION DEADLINE**

The deadline for application for participants from TEQIP colleges is February 10, 2017. A confirmation will be sent to all selected participants by February 15, 2017.

For other Participants, the deadline for application is February 20, 2017. They should apply along with the Registration Fee.

Participants under both categories may send the soft copy of application (filled up, signed and scanned) by e-mail to Dr. Swati Maitra on or before the deadline. The originals may be sent subsequently by post.

**ACCOMMODATION**

Participants will be provided accommodation in the Technology Guest House, IIT Kharagpur on twin sharing basis during their stay in the campus for the course.

**COUrSe CO-OrDINATOrS**

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