

ELIGIBILITY

Practicing engineers from construction and consultancy firms, government and public sector agencies, scientists/engineers from R&D establishments, faculty members, post graduate and research students from engineering colleges having interest in railway research can apply.

ONLINE APPLICATION FOR THE WORKSHOP

Interested candidates may apply online using the following link <https://erp.iitkgp.ac.in/CEP/courses.htm>

You may login and register by going through the following sequence of steps.

Signup-> login-> profile fill up-> choose program-> Apply Now

The short listed candidate (who will receive an email about short list) can pay the registration fee online & the fee to be paid by different categories of applicants as follows:

Participants from Government & Private agencies

: Rs. 15,000/-

Faculty members from Engineering Colleges : Rs. 8,000/-

M.Tech/Ph.D/MS Students : Rs. 2,000/-

(Registration fee does not cover cost of travel (or) food (or) accommodation)

SPONSORSHIP

Agencies interested in sponsoring the assistantship can communicate their interest to the coordinator.

Type of sponsorship	Amount	Registration fee waiver for	Presentation duration
Gold	Rs.1,00,000 + GST	03 participants	15 minutes
Silver	Rs.60,000 + GST	02 participants	---
Bronze	Rs.30,000 + GST	01 participant	---

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

IIT Kharagpur is 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 New Guesthouse (NGH), and other guest houses at IIT Kharagpur campus. The number of beds is limited to 30. The rooms will be allotted to the participants, mostly twin-sharing, on a first-come first-served basis and on a chargeable basis as mentioned below.

Twin sharing AC room AC, *New Guest House (NGH)*:

Rs. 750/- per person.

Those who registered for the course after remitting necessary registration fee should send a request mail for accommodation.

VENUE FOR LECTURES

Lectures will be held in the seminar room of the Centre for Railway Research (CRR), IIT Kharagpur.

CONTACT

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Three day Workshop on

Modern Trends in Railway Track GeoTechnologies (MTRG)

February 25-27, 2020



Centre for Railway Research
Indian Institute of Technology Kharagpur
Kharagpur - 721 302

ABOUT THE INSTITUTE

First in the chain of IITs to be set up by the Government of India, Indian Institute of Technology Kharagpur started in 1951 in the erstwhile Hijli Detention Camp. It has now blossomed into one of the finest technical institutions in the world.

The Centre for Railway Research (CRR) was set up at Indian Institute of Technology Kharagpur based on the MoU signed between the Ministry of Railways, Government of India and Indian Institute of Technology Kharagpur on February 13, 2010, to develop a long-term framework for research collaboration. Over the last decade it has made significant contribution in various areas of railway research.

COURSE CONTENT

The following topics will be covered in the workshop.

- Introduction to railway track
- Train loading and stress-transfer mechanism
- Ballast fouling and track drainage
- Track improvement using Geosynthetics
- Soft foundation soil improvement using geocells and stone columns
- Track Resiliency and elastic mats
- Ballasted track design and maintenance
- Concrete slab tracks and transition zones

RESOURCE PERSONS

Dr. Sanjay Nimbalkar, University of Technology Sydney, Australia, and Dr. Sujit Kumar Dash, Indian Institute of Technology Kharagpur.

LECTURE NOTES AND CERTIFICATE

Registered participants will be given lecture notes and workshop participation certificate.

Course Coordinator

Prof. Sujit Kumar Dash

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