











## Heavy-Haul Railways: Towards Safe, Efficient and Sustainable Design

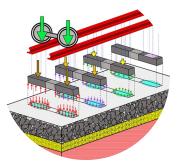
Tuesday, August 02, 2022 to Friday, August 12, 2022 | 13:30 – 20:30 hrs (AEST) | 9:00 – 16:00 hrs (IST)



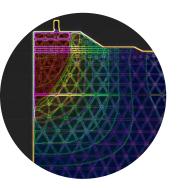
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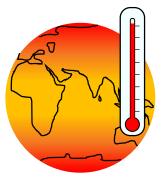




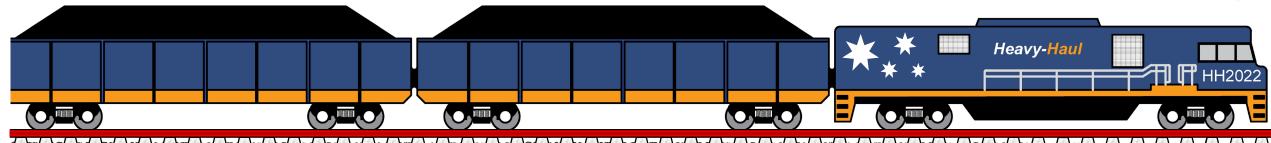












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**INDIAN INSTITUTE** OF TECHNOLOGY **KHARAGPUR** 



### Two-week short course











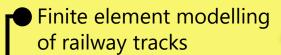
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#### **TOPICS**

Introduction to railway tracks

Train loading and stresstransfer mechanism



Virtual laboratory testing

Design, construction and maintenance of heavyhaul tracks

Design of heavy-haul railway capturing climate change and complex geometry

Improvement in track performance

#### WHO CAN APPLY?



Practicing engineers from construction and consultancy firms, government and public sector agencies



Scientists/engineers from **R&D** establishments



Faculty members, postgraduate students from engineering colleges having interest in railways

### **COORDINATORS**



Profile

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### **ACKNOWLEDGEMENT**

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#### **EVENT DETAILS**



This short course will be delivered online



Prior registration is free and mandatory for all



Registered participants will receive an email about schedule of the short course



Registered participants will be given lecture notes and a certificate



For other queries, please reach out to us at: <a href="https://newsylaul2022@gmail.com">heavyhaul2022@gmail.com</a>

### **REGISTRATION PROCEDURE**



Sign up



Verify your email-id (link will be sent to your email)



Login



Fill up profile details



Choose this short course from the dashboard



Click on 'APPLY NOW' button











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