

BRIEF PROGRAM OUTLINE (TENTATIVE)

- Day-1: Recent Design Practices of Pavements
- Day-2: Pavement Evaluation and Strengthening
- Day-3: Advanced Construction Practices in Highway and Airfield Pavement
- Day-4: Sustainable Technologies in Pavement
- Day-5: Case Studies on Innovative Pavement Construction Practices and Troubleshooting

IMPORTANT DATES

Last date of Registration	1 st Dec 2023
Confirmation to participants by email	4 th Dec 2023
Commencement of Course	8 th Dec 2023

For Contact

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REGISTRATION FEES

P.G./Ph.D. scholars	Rs.5,000
Faculty Members	Rs.9,000
Industry Professionals	Rs.12,000

The registration fees include only the course fees and working lunch for the short-term course and do not include lodging and boarding. The registration fee includes GST.

REGISTRATION PROCESS

- For registration, the participants need to fill the google form with necessary details. After successful payment of registration fees, the participants need to provide the transaction details in the google form.

<https://tinyurl.com/sape-2023>



- Participants may also submit their registration form as per the enclosed format.

Bank Account Details for Registration

Account Name	CONTINUING EDUCATION NIT ROURKELA
Account No.	10138951784
Bank	State Bank of India
Branch	NIT Campus Rourkela (02109)
IFS Code	SBIN0002109

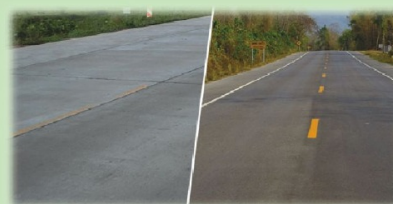


Short Term Course

ON

Sustainable Approaches in Pavement Engineering (SAPE-2023)

08th - 12th December 2023



Course Coordinators

Prof. Gourab Saha
Prof. Aditya Kumar Das
Prof. Mahabir Panda

Organized by

Department of Civil Engineering
National Institute of Technology Rourkela
Rourkela-769008, Odisha, India

ABOUT THIS COURSE

Growth and expansion of road pavement play a vital role in enhancing the transportation infrastructure of the nation. Besides, in this advanced technological world, there is a need to develop the innovative Pavement Engineering practices while also prioritizing resource conservation, and promotion of sustainable development strategies. To achieve more sustainable pavement infrastructures, it is customary that the engineers/academicians and other associated stakeholders should be aware of various issues that affect the overall performance of pavement. These important issues are related to (a) prioritization of appropriate sustainable technologies for pavement, (b) selection of appropriate design criteria for bituminous and concrete pavements at different situations, and (c) adaptation of appropriate measures for strengthening pavement with rational assessment of pavement life during its design life.

OBJECTIVE OF THE COURSE

The primary objective of this course is to provide comprehensive training and enhance the knowledge of the participants in the area of pavement engineering, covering aspects such as pavement design, evaluation and strengthening of pavement structure, sustainable approaches, and construction practices.

THEMES OF THE COURSE

- Structural Design of Pavement
- Sustainable Measures in Pavement
- Life Cycle Cost Assessment of pavement
- Strengthening and Evaluation of Pavement
- Low Volume Roads: State-of-the-art
- Construction Practices in Airport Pavement
- Case Studies & Troubleshooting

SPEAKERS

- Prof. K. Sudhakar Reddy, IIT Kharagpur
- Prof. Mahabir Panda, NIT Rourkela
- Prof. M. Amaranatha Reddy, IIT Kharagpur
- Prof. Umesh C. Sahoo, IIT Bhubaneswar
- Prof. Gourab Saha, NIT Rourkela
- Prof. Anush K. Chandrappa, IIT Bhubaneswar
- Prof. Aditya K. Das, NIT Rourkela
- Dr. G. Bharath, CRR, New Delhi
- Prof. Kranthi K. Kuna, IIT Kharagpur
- Er. Rajib Chattaraj, Chief Engineer, PWD, West Bengal
- Mr. Subramanian Sekar, CDM & PM, NIAL, Tata Projects, New Delhi.

PARTICIPANTS

This short term course is open to all civil engineering or equivalent fraternity that include faculty members from academia and research institutes/universities, industry professionals, and PG/Ph.D. scholars.

ACCOMODATION

A limited number of rooms are available in the Institute Guest House on twin sharing basis. Besides, a number of good hotels are available in the city, which can be booked in advance under prior confirmation/intimation.

NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA



National Institute of Technology Rourkela is one of the premier national level institutions for technical education in the country and is funded by Government of India. NIT Rourkela has a rich legacy of more than sixty dedicated years of service to the nation and is the pride of Odisha. The main objective of the Institute is to produce quality Engineers and Scientists in Graduate and Post-Graduate levels in various branches of Engineering and Science. Excellence in teaching and high-quality research are the pillars on which the Institute is built.

DEPARTMENT OF CIVIL ENGINEERING

The department of Civil Engineering has been functioning as a full-fledged department since the inception of the institute. Presently, it is not only catering education of undergraduate and post-graduate students but also for pursuing research and development activities through research scholars. The department is actively involved with several research and consultancy projects. The Highway engineering laboratory is equipped with most of the advanced equipment related to pavement materials.