

## BANK ACCOUNT DETAILS FOR REGISTRATION

Account name	Continuing Education NIT, Rourkela
Account No.	10138951784
Bank	State Bank of India
Branch	NIT Campus Rourkela (02109)
IFSC Code	SBIN0002109



<https://shorturl.at/b7z7n>

## REGISTRATION FEES



Mode of participation	Offline	Online
P.G/ Ph.D. Scholars	₹7,500	
Faculty Members	₹12,000	₹3,000
Industry Professionals	₹15,000	

The registration fees (Offline mode) 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.

## Contact Us

Prof. Aditya Kumar Das  
Mob: +91 9861609587;  
Email: [dasaditya@nitrkl.ac.in](mailto:dasaditya@nitrkl.ac.in)

Prof. Gourab Saha  
Mob: +91 9831836762;  
Email: [sahag@nitrkl.ac.in](mailto:sahag@nitrkl.ac.in)

## Short Term Course on Advance Technologies in Pavement Engineering (APE-2024)

16th - 20th July 2024



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

## COURSE COORDINATORS

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

## ABOUT THE 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 innovative Pavement Engineering practices while also prioritizing resource conservation and promotion of sustainable development strategies. To achieve more sustainable pavement infrastructures, it is customary for engineers/academicians and other associated stakeholders should be aware of various issues that affect the overall performance of the 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 in different situations, and (c) adaptation of appropriate measures for strengthening pavement with rational assessment of pavement life during its design life.

## ACCOMODATION

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

## COURSE OUTLINE

(Tentative)

- Day 1: Bituminous mix design
- Day 2: Structural Design of Pavements
- Day 3: Strengthening of Granular Layers
- Day 4: Sustainable and advances in Pavement Engineering
- Day 5: Field investigation and case studies

## IMPORTANT DATES

LAST DATE OF REGISTRATION	10.07.2024
CONFIRMATION TO PARTICIPANTS BY EMAIL	14.07.2024
COMMECEMENT OF COURSE	16.07.2024

## THEMES OF THE COURSE

Recent Design Practices of Pavements, Pavement Evaluation and Strengthening, Advanced Construction Practices in Highway Pavement, Advanced Technologies in Pavement, Case Studies on Innovative Pavement Construction Practices, and Troubleshooting.

## 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, Advances in pavement engineering, sustainable approaches, and construction practices.

## SPEAKERS

Eminent Professors from IITs/NITs and field professionals from reputed organizations will deliver lectures.

## PARTICIPANTS

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

## 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.