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

REGISTRATION FEES

- **Mode of participation**
  - Offline
  - Online

- **P.G./Ph.D. Scholars**: ₹7,500 / ₹3,000
- **Faculty Members**: ₹12,000 / ₹3,000
- **Industry Professionals**: ₹18,000

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**
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- **Prof. Gourab Saha**
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ACCOMMODATION

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 advanced in Pavement Engineering
- Day 5: Field investigation and case studies

THEMES OF THE COURSE


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 civil engineering or equivalent fraternities that include faculty members from academia and research institutes/universities, industry professionals, and PG/Ph.D. scholars.

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 pavements 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 to 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) adoption of appropriate measures for strengthening pavement with rational assessment of pavement life during its design life.

NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA

NIT 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 postgraduate 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.