



Student Activity Centre



Organized by



CEST CLUB OF NIT Rourkela

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ICE : UK , NIT Rourkela Chapter

ICE UK: NIT Rourkela Chapter



S M A R A K

WHERE TRADITION MEETS INNOVATION  
THE ANNUAL CIVIL ENGINEERING FEST OF NIT ROURKELA

## MAT-CODE

### About the event:

Mat.Code gives the participants a unique opportunity to use their knowledge of MATLAB software, a high-performance language for technical computing. Through this event, Smarak provides participants with the opportunity to showcase their skills of analyzing and prototyping. Participants will solve the problem statement on the spot using plotting functions, matrix manipulation, etc.

### Guidelines:

- The problem statement for the event will be released on the spot.
- The submission link will be released along with the problem statement.
- Participants are expected to use MATLAB software for this purpose.
- Participants will be given **2 hours** to solve the questions given in the problem statement and submit. Problem Statements will be restricted to the Civil Engineering aspects.
- Ten minutes extra each will be given at the beginning to read the Problem Statement carefully and at the end for submission. So, the Entire duration can be considered as 2 hours + 20 minutes. Submission after the said time will not be entertained.
- Participants are allowed to use a calculator if required.
- Participants are required to work individually. No teamwork is entertained.
- Participants are not allowed to use or copy any resources available over the internet.
- Use of any unfair means is strictly prohibited. Any kind of plagiarism, if found, will lead to disqualification.

### Judging Criteria:

It will be entirely based on submission. For tie-breakers, the time of submission will be considered.

### Pre-requisites:

Participants should have MATLAB installed on their desktops/laptops. MATLAB can be downloaded from <https://in.mathworks.com/downloads/>

Participants can also use <https://matlab.mathworks.com/> in case they face any issues in downloading.

### Registration Link:

<https://forms.gle/BEoUmhegEH8ootmZA>

### Prizes:

- Prizes worth ₹5,000/- will be given to the winners.
- Certificate of Participation will be issued to all the participants.



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**NOTE:**

The decision of the Organizing Committee will be final and binding to all. Please keep checking the Website and Rulebook regularly for any further updates.

**Coordinator:**

Srimanth: 6303177380