

APS PRESENTS

ALGOUTSAU

16 - 17 MARCH

APS



Student Activity Center

ABOUT NIT ROURKELA

National Institute of Technology Rourkela is a top National-level Institution of higher learning primarily focused on Engineering, Science, and Technology, situated in the Steel city of Rourkela, Odisha, India.

Rankings - 2023

ONE STEP TOWARDS SUCCESS

[View All](#)

16

NIRF Engg.

8

NIRF Arch.

29

NIRF Research

37

NIRF Overall

8000+

Students pursuing various domains

40+

Student Activity Clubs



ABOUT ALGOUTSAU

AlgoUtsav is organized by Algorithms and Programming Society, NIT Rourkela (NITR) registered under the Technical Society of Student Activity Centre (SAC), NIT Rourkela.



It is a competition designed to test your abilities to solve a range of time- and memory-limited competitive programming issues.

You will also compete against students from other colleges, get to know them, and learn from their replies. By taking part in this event, you may advance your professional and personal development while showcasing your programming prowess and excitement.

TEAM BASED CODING EVENT

The aim for participants in this event is to solve problems in the real world using programming and algorithms. It is modelled after the ICPC Events, the oldest and most prestigious programming competition in the world. Three-person teams from each of the participating colleges compete against one another in this competition; the winning teams move on. For non-NITR students, it will be accessible online; however, for NITR students, it will only be accessible offline.



EVENTS
—
DETAILS

INDIVIDUAL CODING CONTEST

In this competition, participants solve a set of problems individually using their favourite programming language.

The challenges usually have to do with arithmetic, data structures, algorithms, and logic. The participants' rating is based on the quantity of problems correctly answered and the time required to answer each problem. An individual coding challenge may be used to test one's coding prowess, learn new skills, and have fun. This contest will be accessible offline only for NITR students.

DAY 1: DETAILS

Inauguration

The Honourable Director of NIT Rourkela will host an inaugural function. He will provide illuminating lectures regarding the event.

Team Based Coding Event

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DAY 2: DETAILS

Individual Coding Contest

In this competition, participants solve a set of problems individually using their favourite programming language. The challenges usually have to do with arithmetic, data structures, algorithms, and logic. The participants' rating is based on the quantity of problems correctly answered and the time required to answer each problem. An individual coding challenge may be used to test one's coding prowess, learn new skills, and have fun. This contest will be accessible offline only for NITR students.

Guest Lecture

The sport of competitive programming involves using code to solve algorithmic issues. It enhances your reasoning, coding, and problem-solving abilities. You will learn how competitive programming might benefit you in a guest talk about how to use it in software development, data science, and research, among other fields. Take a lesson from a pro and enjoy yourself.

Prize Distribution

PRIIZES:

The first, second and third prizes will be distributed for each category, i.e.,

CATEGORY 1

CATEGORY 2

CATEGORY 3

CATEGORY 4

First Year

Second Year

Third Year

Fourth Year



Prizes for first,
second and third
are AlgoUtsav
T-Shirts



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THANK YOU