

# REPORT

on

**Participation in Two-Day National Workshop**

:

**"RISE-2025"**

Date : 14<sup>th</sup> – 15<sup>th</sup> March, 2025



**Centurion**  
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*Shaping Lives...*  
*Empowering Communities...*

**Centurion University of Technology and Management,  
Odisha, India**

## Introduction :

Students from the Department of **Mining Engineering**, School of Engineering and Technology (**SoET**) Centurion University of Technology and Management (**CUTM**), Bhubaneswar Campus, participated in a prestigious **two-day national workshop** titled “**RISE-2025: Rock Blasting Innovations for Safety and Efficiency**”, organized by the Department of **Mining Engineering**, National Institute of Technology Karnataka (**NITK**), Surathkal on **14<sup>th</sup> and 15<sup>th</sup> March 2025**. The workshop, supported by the Ministry of Mines, Government of India, brought together academic experts, researchers, and industry professionals from across India and abroad, including **CSIR-CIMFR** (Nagpur), **Anna University** (Chennai), and **Federation University** (Australia). The CUTM delegation included **7 final-year B.Tech** students from the **8<sup>th</sup> semester**, accompanied by **Mr. Rakesh Behera**, Assistant Professor, Department of Mining Engineering. The workshop emphasized cutting-edge innovations in rock blasting, precision control using electronic detonators, environmental safety, and **future-focused mining practices**. This platform enabled students to **interact** directly with **national and international experts** in the field.

## Objectives :

- To provide students with exposure to modern blasting techniques and innovations in rock excavation.
- To enhance understanding of safety, precision, and efficiency in mining operations.
- To enable interaction with national and international experts in mining research and blasting technology.
- To encourage student engagement in advanced mining research and global best practices.

## Key Outcomes :

- **Industry and Research Interface:** Participation enabled interaction with global experts from CSIR-CIMFR, Anna University, and Federation University, enhancing exposure to research trends.

- **Technical Knowledge Acquisition:** Students gained insights into electronic detonators, optimized blasting design, and fragmentation control techniques.
- **Safety and Efficiency Awareness:** Students developed a clear understanding of modern practices aimed at improving safety and reducing environmental impact in blasting.
- **Motivation for Higher Studies:** The depth of discussions and expert presentations inspired students to consider post-graduate and research opportunities in mining engineering.
- **Institutional Recognition:** CUTM's representation at a national platform strengthened the university's presence in the mining education and research community.

## Feedback from Participants:

The students found **ANWESHAN-25** to be a highly enriching experience. They appreciated the opportunity to participate in paper presentations and attend sessions on **cutting-edge mining technologies**. Many felt more confident in public speaking and academic communication after presenting at a **national platform**. Faculty feedback underscored the importance of technical symposia in shaping students into competent professionals. **Mr. Rakesh Behera** recommended encouraging more participation in future inter-institutional events and fostering a culture of academic publishing within the department. Students expressed interest in organizing similar intra-university symposiums at CUTM.

## Glimpses of the Event :







## Attendees:

<b>Sr. No.</b>	<b>Student Name</b>	<b>Regd. No.</b>	<b>Semester</b>
1	Subhaprakash Jena	210301190019	8th
2	Rajesh Kumar Panda	210301190018	8th
3	Satyabrata Rout	210301191022	8th
4	Dibyajyoti Routray	210301190010	8th
5	Abhijit Sahoo	210301190001	8th
6	Durga Madhab Bhoi	210301190015	8th
7	Prabhu Prasad Jena	210301190007	8th