

**SHORT TERM COURSE  
ON  
DRONE SURVEYING & MAPPING  
FOR MINING PROFESSIONALS**

**03-07 | NOVEMBER | 2025**



**DEPARTMENT OF MINING ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA**

<https://droneworkshop.nitrkl.ac.in>



## NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA



NIT Rourkela is one of the premier institute of national importance for technical education in the country and is funded by the Government of India. It is passionately committed to making our country a world leader in technology and science and to inculcate this commitment among all its students. It is a residential campus offering accommodation to faculty, staff and students. The campus has all the amenities for developing personal, social and academic skills of the student community. NIT Rourkela is ranked 601-800 in the world by the Times Higher Education World University Rankings (Engineering) of 2025 and 78<sup>th</sup> in Southern East Asia University Ranking. In India, it is ranked 19<sup>th</sup> in Engineering Category by the National Institutional Ranking Framework (NIRF) in 2024.

## DEPARTMENT OF MINING ENGINEERING



Established in the year of 1979, the Department of Mining Engineering has grown over the years as one of the pioneer in mining education institute in the country. It has played a pivotal role in introducing the modern mining engineering curriculum in India. The Department offers undergraduate, postgraduate and doctoral programs in Mining Engineering. The Department is actively involved in research activities in the areas of mine safety and reliability, spontaneous heating of coal and mine fire, underground and surface environment, coalbed methane, remote sensing & GIS, mine closure planning and computer applications.

## COURSE STRUCTURE

The course will be primarily offered by faculty members of NIT Rourkela. Experts from other academic institution, and regulatory agencies, organizations like IITs, NITs and IBM and industries may be invited to share their latest research findings & casestudies/experiences with the participants. Each session will be followed by interactive Question & Answer session.

The course will be useful for the Mining Engineers, Surveyors & Geologists, Safety Officers, Environmental Engineers, Mine Managers.



## COURSE CONTENT

- Introduction to Drone Technology & Mining Applications
- Drone Software Fundamentals
- Hands-on Drone Flying & Data Collection
- Drone Data Processing for different mining applications
- GIS & Remote Sensing Data for Mine Mapping

## COURSE FEES

The registration fee of this course is Rs. 25,000.00 (Rupees Twenty five thousand only) per sponsored participant from industries/academic institutions. Additional 18% GST will be levied as per GOI rules.

The course fee is payable by demand draft in favor of "CONTINUING EDUCATION NIT ROURKELA" payable at Rourkela or by electronic money transfer. The course fee does not include boarding and lodging or

The course is non-residential. NIT Rourkela is exempted from Income Tax and while sending the course fee, no TDS should be deducted. Course fee along with nominations of participants must be sent latest by 27.10.2025. Registration fees once paid will not be refunded.

## HOW TO SEND NOMINATION

Please send the names of your nominees with their designations and addresses, e-mail address along with sponsorship certificate to the Course Coordinator as given in brochure latest by 27.10.2025.

[HTTPS://GQR.SH/AHW2](https://gqr.sh/ahw2)



SCAN QR CODE  
TO REGISTER

## REGISTRATION FORM

1. Name: .....

2. Affiliation: .....  
.....

3. Designation: .....

4. Educational Qualification:.....  
.....

5. Address for Correspondence:.....  
.....  
.....

6. Mobile No.: .....

7. Email: .....

8. Details of Registration Fee paid:  
DD/Cheque/UTR/NEFT/RTGS No:  
.....

Date:.....Amount: .....

(please send a copy of detailed transaction  
made on registration fees )

9. Additional information, if any .....  
.....  
.....

THE REGISTRATION FEES CAN ALSO BE  
PAID DIRECTLY BY ACCOUNT TRANSFER  
THROUGH NEFT/RTGS/IMPS USING  
FOLLOWING BANK DETAILS:

Branch name: SBI, NIT Campus, Rourkela

IFSC code: SBIN0002109

Account Name: CONTINUING EDUCATION,  
NIT ROURKELA

Account Number: 101 3895 1784

MICR No: 769002007

SWIFT Code: SBININBB137



## SPONSORSHIP CERTIFICATE

Dr./Mr./Ms.....is an employee of.....  
.....institute/organization and his/her application is hereby sponsored. The applicant will be permitted to attend the short-term course on Drone Surveying & Mapping for Mining Professionals at NIT, Rourkela during 3-7 Nov, 2025.

Signature with Date &  
Seal of Sponsoring Authority

## SPONSORSHIP

Sponsorship opportunities for industries are available under four categories

**Title Sponsor:** Sponsorship fee is Rs. 2.00 Lakhs (4 free participants)

**Platinum Sponsor:** Sponsorship fee is Rs. 1.50 Lakhs (3 free participants)

**Gold Sponsor:** Sponsorship fee is Rs. 1.00 Lakhs (2 free participants)

**Silver Sponsor:** Sponsorship fee is Rs. 0.50 Lakh (1 free participants)

\*Above rates are excluding GST. GST @18% shall be applicable as per Govt. of India Rules.

## ADDRESS FOR COMMUNICATION

For any other information or sending nomination, please write to:

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