



IIT
ISM INDIAN INSTITUTE
OF TECHNOLOGY
INDIAN SCHOOL OF MINES
DHANBAD

Department of Mining Engineering



THE MINING EDGE

MONTHLY NEWSLETTER

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From HOD Desk



Dear Readers,

It gives me immense pleasure to present the November, 2025 edition of **The Mining Edge**, the departmental newsletter of the Department of Mining Engineering, IIT (ISM) Dhanbad. This month has been particularly significant, marked by impactful academic engagements, industry interactions, and noteworthy achievements that reflect our collective commitment to excellence in education, research, and professional development.

As part of the Institute's Centenary Celebrations, the department successfully organized the national workshop **TUN-AID 2025: Advances in Tunnelling—Integrating Machine Learning Applications with Numerical Modelling**, held from 3rd to 5th November. The workshop offered a rich platform for hands-on learning, expert deliberations, and interdisciplinary dialogue, reinforcing our longstanding leadership in geomechanics and underground excavation research.

The department also had the honour of hosting distinguished delegates, including **Prof. Khanindra Pathak**, Emeritus Faculty, IIT Kharagpur, and **Shri Sandeep Kumar**, Vice President (Raw Materials), Tata Steel Ltd. Their interactions with faculty and students provided valuable insights into innovation-driven education, product-oriented research, and evolving industry expectations. These visits strengthened our resolve to cultivate an ecosystem that bridges academic knowledge with practical relevance.

Our commitment to industry-oriented capacity building was further highlighted through the successful completion of the **Executive Development Program on Safety and Health Management System Audit**, conducted for executives of Northern Coalfields Limited and Tata Steel Limited. Through expert-led sessions and case-based learning, the programme contributed to enhancing safety competencies and promoting a proactive safety culture in the mining sector.

As we move toward the conclusion of the Institute's centenary year, I extend my sincere appreciation to all faculty members, staff, students, and collaborators for their contributions to the department's continued growth and distinction. I am confident that with sustained dedication and a shared vision, we will continue to uphold the legacy of IIT (ISM) Dhanbad as a global leader in mining and earth sciences education.

Warm regards,
Prof. B.S. Choudhary

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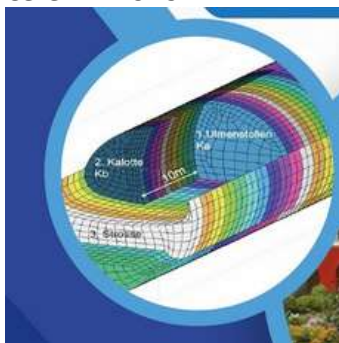


Legacy that Inspires the Future

भारतीय प्रौद्योगिकी संस्थान
भारतीय खनि विद्यापीठ
धनबादIIT
ISM
INDIAN INSTITUTE
OF TECHNOLOGY
INDIAN SCHOOL OF MINES
DHANBAD

NATIONAL WORKSHOP UNDER CENTENARY CELEBRATION

A hands-on training workshop on “Advances in Tunnelling: Integrating Machine Learning Applications with Numerical Modelling” (TUN-AID 2025) was held from **3rd to 5th November 2025**, organized by the Department of Mining Engineering, IIT (ISM) Dhanbad, as part of the institute’s centenary celebrations.



TUN-AID 2025



3-Day National Workshop on Tunnelling Advancements in Difficult Grounds (TUN-AID 2025): Numerical Modelling and Machine Learning Approach (3rd to 5th of November, 2025)

Organized by the Department of Mining Engineering, IIT (ISM), Dhanbad, & Indian Geotechnical Society (IGS), Dhanbad Chapter



Course Overview

This three-day workshop explores the critical role of tunnelling and underground space technology in modern civil and mining engineering. As demand for sustainable infrastructure grows, this field is essential for shaping the future of urbanization and industry. The program offers a powerful mix of theory and application, featuring two days of intensive, hands-on training in advanced numerical modelling using Rocscience software. You'll also learn from international experts and industry leaders through guest lectures and technology showcases. A special session will be dedicated to the integration of Machine Learning in geotechnical engineering, revealing innovative solutions for complex tunnelling projects. Designed for students, researchers, and professionals, this workshop is an ideal opportunity to gain practical expertise, network with global leaders, and explore the future of this dynamic field.

Numerical
Modeling
using
FEM/DEM

AI-ML
approaches for
Geotechnical
Problems

I-System of
Ground
Classification

Insightful
Case
Studies

TUN-AID 2025

COMMITTEE MEMBERS



Chairman

PROF. B. S.
CHOUDHARY
HEAD OF DEPARTMENT,
DEPARTMENT OF MINING
ENGINEERING, IIT (ISM) DHANBAD



Convenor

DR. SWAPNIL
MISHRA
ASSISTANT PROFESSOR,
DEPARTMENT OF MINING
ENGINEERING, IIT (ISM) DHANBAD



Co-Convenor

DR. D. GOPI
KRISHNA
ASSISTANT PROFESSOR
DEPARTMENT OF MINING
ENGINEERING, IIT (ISM) DHANBAD

Student Coordinators



Jyoti Jagajita Raj
M.Tech in
Tunnelling &
Underground Space
Technology



Susmit Mantayya
Swami
M.Tech in
Tunnelling &
Underground
Space Technology



Ashwani Kumar
M.Tech in
Tunnelling &
Underground Space
Technology



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3-Day National Workshop on Tunnelling Advancements in Difficult Grounds (TUN-AID 2025): Numerical Modelling and Machine Learning Approach

(3rd to 5th of November, 2025)

Organized by the Department of Mining Engineering, IIT (ISM), Dhanbad, & Indian Geotechnical Society (IGS), Dhanbad Chapter



EXPERT SPEAKERS



Dr. Manoj Verman

Tunnelling & Rock Engineering Expert, Rocscience Representative and President, ISRM Commission on Hard Rock Excavation



Prof. V M S R Murthy

Director- IIST Shibpur
Former HoD- IIT (ISM) Dhanbad
Former Scientist- CMRI Nagpur



Dr. Bineshian Hoss

Chief Principal,
Director (Technical) at Amberg
Engineering
Sr. Vice President - TAI



Prof. Byungmin Kim

Associate Professor- Department of Urban & Environmental Engineering, Ulsan National Institute of Science and Technology (UNIST)



Dr. Mainak Ghosh Roy

Group Senior Manager (Geology), NHPC Ltd.
Member (Hydro), Central Electricity Authority



Dr. Priyanka Bhartiya

Principal Engineer - COWI India, Tunnelling and Geotechnical Engineering



Dr. Anshul Sindhwani

Lead Engineering Geologist- L&T
Former Secretary (Coordination)- TALym



Mr. Rohan Pawade

Senior Lead Engineering Manager (Structural Engineer) at L&T Construction - Engg. R&D Center



Ms. Sharada Niphade

Assistant Engineering Manager (Design) at Larsen and Toubro



Mr. Vishal Bansal

Tunnel Design Engineer- NHAI
Secretary (Technical)- TALym



Mr. Chiranjib Sarkar

Principal Engineer- Geoconsult,
Former Vice Chairperson- TALym
Governing Council Member — TAI
Jt. Secretary -IGS Kolkata chapter

TUN-AID 2025

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Day-wise Schedule of Tun-Aid 2025



3-Day National Workshop on Tunnelling Advancements in Difficult Grounds (TUN-AID 2025): Numerical Modelling and Machine Learning Approach

(3rd to 5th of November, 2025)

Organized by the Department of Mining Engineering, IIT (ISM), Dhanbad, & Indian Geotechnical Society (IGS), Dhanbad Chapter



Day-01 (3rd November, 2025)			
Session	Speakers	Topic	Venue
Inaugural Ceremony and High Tea			Golden Jubilee Lecture Theatre (GJLT)
Hands-On Training Session- 01	Dr. Manoj Verman	RocTunnel3 and UnWedge	TEXMIN Smart Classroom
Lunch Break			Executive Development Centre (EDC)
Hands-On Training Session- 02	Dr. Manoj Verman	RS2 and RS3	TEXMIN Smart Classroom
High Tea			TEXMIN

Day-02 (4th November, 2025)			
Session	Speakers	Topic	Venue
Hands-On Training Session- 03	Dr. Manoj Verman	RocSupport and RSData	TEXMIN Smart Classroom
Lecture- 01	Dr. Bineshian Hoss (Amberg) through online mode	I-System: Index of Ground Structure; I-TM: I-System's Tunnelling Method; I-GI: I-System's Ground Investigation	
Lecture- 02	Dr. Mainak Ghosh Roy (NHPC)	Severity Prediction of Stress Induced Instabilities During Subsurface Excavation and Evaluation of Performance of Tunnel Boring Machine During Subsurface Excavation in the Himalaya.	
Lunch Break			Executive Development Centre (EDC)
Advanced Mining Technologies Presentation by M/s. Herrenknecht India Pvt. Ltd.			
Lecture- 03	Dr. Anshul Sindhwani	Ground characterization and TBM performance evaluation in challenging ground conditions.	TEXMIN Smart Classroom
Lecture- 04	Prof. Radhakanta Koner		
High Tea			TEXMIN
Lecture-05	Mr. Chiranjib Sarkar (Geoconsult/TAI)	Design and Construction of Cut & Cover Box Tunnel Construction on Difficult Ground Conditions	TEXMIN Smart Classroom
Grand Dinner			Executive Development Centre (EDC)

Day-03 (5th November, 2025)			
Session	Speakers	Topic	Venue
Lecture- 06	Mr. Vishal Bansal (NHAI/TAIym)	Design and Planning of Himalaya's longest transport tunnel in Rishikesh Karanprayag railway line via NATM and TBM	TEXMIN Smart Classroom
Lecture- 07	Prof. Byungmin Kim (UNIST,South Korea) through online mode	The P-wave seismogram method and geophysical tests to identify faults	
Lecture- 08	Dr. Priyanka Bhartiya (COWI)	Role of Constitutive models in the Numerical Analysis of Underground Structures	
Lunch Break			Executive Development Centre (EDC)
Lecture- 09	Mr. Rohan Pawade and Ms. Sharada Niphade (L&T)		TEXMIN Smart Classroom
Lecture- 10	Prof. VMSR Murthy (Director, IEST Shibpur)	Predicting TBM Performance Through Cutter penetration and Wear Evaluation	
Valedictory Ceremony and High Tea			



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Glimpse of Fun-Aid 2025



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Glimpse of Fun-Aid 2025.



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Delegate Visit



On 18 November 2025, the Department of Mining Engineering, IIT(ISM) Dhanbad had the privilege of welcoming **Shri Sandeep Kumar, Vice President (Raw Materials), Tata Steel Ltd.** His visit was a moment of distinction for the department and served as a source of motivation for faculty, staff, and students alike.



To mark this special occasion, the Head of the Department extended a warm felicitation to Shri Kumar through the presentation of flowers, a memento, and tokens of appreciation. These gestures reflected the department's deep respect for his exceptional contributions to the mining and raw materials sector, as well as his enduring association with the institute.



The interaction proved highly enriching, as Shri Kumar shared valuable insights and perspectives shaped by his extensive leadership experience. His presence served as a meaningful reminder of the impact of visionary professionals on academia and industry, leaving the department inspired and encouraged to pursue continued excellence.



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Delegate Visit



The Department of Mining Engineering, IIT(ISM) Dhanbad, had the privilege of hosting **Prof. Khanindra Pathak, Emeritus Faculty, IIT Kharagpur**, during his visit to the department's Conference Hall. He was warmly received by the faculty and students, who expressed their respect and appreciation through the presentation of flowers, mementos, and other tokens of gratitude—gestures reflecting the department's acknowledgement of his remarkable contributions to the field of mining engineering. These tokens symbolized the enduring influence of his work, which continues to inspire successive generations of scholars, researchers, and educators.



During his interaction with the department, Prof. Pathak engaged in an enriching dialogue centered around two significant themes:

- **Transforming B.Tech Projects into Market-Ready Products:** He highlighted the potential of student-driven innovations to evolve into impactful, real-world applications. He encouraged the department to strengthen its culture of product development and foster an ecosystem that supports innovation from conceptualization to market deployment.
- **Enhancing the Teaching–Learning Ecosystem:** Prof. Pathak shared insightful perspectives on advancing pedagogical practices, promoting experiential learning, and cultivating a more interactive and student-centered academic environment.

His visit proved both intellectually stimulating and motivational, leaving the department with renewed commitment to advancing excellence in education, research, and innovation.

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Executive Development Program



The Department of Mining Engineering, IIT (ISM) Dhanbad, conducted a week-long Executive Development Program on **"Safety and Health Management System Audit"** for executives of Northern Coalfields Limited and Tata Steel Limited from **20 to 26 November, 2025**. The programme was designed to enhance participants' technical understanding and managerial competencies in systematic safety auditing, regulatory compliance, risk evaluation, and the implementation of best practices in occupational health and safety. Through lectures, interactive sessions, and case-based discussions led by faculty experts, the training facilitated the development of practical skills essential for strengthening safety culture within the mining and industrial sectors. The initiative underscores the department's continued commitment to capacity building and professional development for industry personnel.



The programme incorporated expert lectures, in-depth case studies, and field visits designed to provide participants with practical insights aligned with contemporary regulatory frameworks and industry best practices. The comprehensive structure of the training enabled executives to engage with real-world safety challenges and apply systematic auditing approaches in operational contexts. The programme was coordinated by **Prof. R. M. Bhattacharjee** and co-coordinated by **Prof. P. S. Paul**, whose guidance ensured the effective delivery of the curriculum and the achievement of the programme's learning objectives.

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Observance of Constitution Day



The Department of Mining Engineering observed Constitution Day on **26 November, 2025** with a formal reading of the Preamble to the Constitution of India at **11:00 AM** in the Conference Hall. Faculty members and staff convened to reaffirm their commitment to the constitutional principles of justice, liberty, equality, and fraternity that underpin the nation's democratic ethos.



The programme commenced with a brief reflection on the significance of Constitution Day and its role in reminding citizens of the vision articulated by the framers of the Constitution. This was followed by the collective recitation of the Preamble, underscoring the participants' dedication to ethical conduct, national integrity, and responsible professional practice.

The observance provided a meaningful occasion for departmental unity, enhancing awareness of constitutional responsibilities and nurturing a shared sense of pride in India's democratic heritage.

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Longwall Training Gallery Visit



The Longwall Training Gallery of the Department of Mining Engineering, IIT(ISM) Dhanbad, hosted two notable visits in November, each contributing to the promotion of advanced learning and collaborative engagement in contemporary mining technologies.



On 17 November, a delegation from the Ministry of Panchayati Raj, Government of Jharkhand, visited the facility to gain exposure to modern underground coal mining methods, with particular emphasis on longwall technology. The session enhanced participants' understanding of technologically integrated mining systems and highlighted the role of advanced methods in improving operational safety and productivity.

On 18 November, Prof. Dushyant Sharma from the Department of Electrical Engineering, IIT (ISM) Dhanbad, accompanied by his research scholar, visited the gallery to examine the electrical systems, control mechanisms, and power distribution frameworks associated with longwall mining operations. The visit was facilitated by Mr. Sudhansu Pandey and Mr. Manish Kumar, who provided detailed technical demonstrations and insights into the electrical integration of longwall equipment.

Collectively, these visits underscored the institute's commitment to delivering state-of-the-art training and fostering interdisciplinary and institutional collaboration to support the adoption of safe, efficient, and sustainable mining practices.

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Research Publications & Projects



Research Publications



- **P. R. Salunkhe, S. Mishra, and S. Chawala**, "Life-cycle optimization of tunnel construction: A green engineering perspective for sustainable infrastructure," in Proc. Int. Conf. on Revolutionizing Underground Infrastructure through Advanced Tunneling Techniques, New Delhi, India, Dec. 3–5, 2025.
- **J. J. Raj, S. Mishra, and J. Khatti**, "Emerging AI-ML techniques for seismic response analysis of tunnel structures: A review of development trends and applications," in Proc. 1st Int. Conf. on Computational Intelligence with Engineering Applications (CIEA 2025), Nov. 25–26, 2025.
- **J. Khatti and S. Mishra**, "Assessment of tunnel boring machine performance using geological and operational parameters: A fundamental investigation of feature selection and multicollinearity-sensitivity relationship," in Proc. 1st Int. Conf. on Computational Intelligence with Engineering Applications (CIEA 2025), Nov. 25–26, 2025.
- **S. Gorain, R. Pandey, and A. Kumar**, "A systematic review of diesel particulate matter composition, associated health risks, measurement approaches, and mitigation techniques in underground mines," Journal of Industrial and Safety Engineering, October 2025. doi: [10.1016/j.jinse.2025.10.001](https://doi.org/10.1016/j.jinse.2025.10.001).



EDP Program/Consultancy Projects



- **Prof. B. S. Choudhary & Prof. D. G. Krishna** have been awarded the Executive Development Program titled "Introduction to the Latest Tunnelling Techniques" for NHPC executives.
- **Prof. B. S. Choudhary & Prof. D. G. Krishna** have also been awarded the Professional Development Program titled "Advanced Controlled Blasting Techniques for Tunneling" for NHPC executives.
- **Prof. S. K. Behera** has been awarded a consultancy project titled "Integrated geotechnical, environmental, and resource evaluation for lateral expansion of the Dalpahar iron and manganese ore mine, Odisha", sponsored by M/s D. C. Jain, New Delhi.

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Ph.D. Awarded



Dr. John Gladious J (Admission No. 18DP000357), a part-time Research Scholar in the Department of Mining Engineering, has been awarded the Doctor of Philosophy (Ph.D.) degree under the supervision of **Prof. P. S. Paul, Department of Mining Engineering, IIT (ISM) Dhanbad**. His doctoral thesis, titled **“An Investigation on the Slope Stability to Improve the Pit and Dump Design of Opencast Mines in the Goa Region”** presents a comprehensive study addressing critical geotechnical challenges associated with surface mining operations.

The research offers significant insights into slope behavior, stability assessment techniques, and design optimization strategies, contributing to safer and more efficient pit and dump configurations in the geographically sensitive mining areas of Goa. By integrating field investigations, analytical evaluations, and numerical modelling approaches, the work advances current understanding of slope stability and provides valuable recommendations for industry practitioners.

This achievement reflects both the scholarly rigor of the candidate and the department's commitment to fostering high-quality research that supports sustainable and safe mining practices.

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DEPARTMENT OF MINING ENGINEERING

Faculty Profile of the Department



Prof. V M S R Murthy
Professor (HAG) On
Deputation As Director IIST
Shibpur

Research Interest:
Rock Excavation Engineering



Prof. Arvind Kumar Mishra
Professor (HAG) On Deputation
As Director CIMFR

Research Interest:
Explosive Engineering, Rock
Blasting Technology, Rock
Excavation Engineering,
Opencast Mining



Prof. Dheeraj Kumar
Professor (HAG)

Research Interest:
Digital Mining Technologies,
Mine Surveying & Geospatial
Technologies



Prof. R M Bhattacharjee
Professor

Research Interest:
Underground Coal Mining
Technology, Risk Assessment
And Safety Management,
Emergency Response &
Disaster Management,
Accident Investigation, Mine
Fire And Explosion



Prof. Devi Prasad Mishra
Professor

Research Interest:
Mine Ventilation and
Environmental Engineering, Mine
Fire And Explosion, Application
of CFD In Mine Ventilation and
Environmental Engineering,
Methane Drainage/CBM/UCG,
Stowing/backfilling With Fly
Ash/pond Ash, Characterization
of Fly Ash/pond Ash



**Prof. Bhanwar Singh
Choudhary**

Professor

Research Interest:
Drilling & Blasting Technology,
Underground Metal Mines,
Computer Aided Mine Planning,
Tunnel Engineering



Prof. Partha Sarathi Paul
Professor

Research Interest:
Core Mining Discipline: Mine
Safety Engineering; Occupational
Health, Safety And Ergonomics;
Applied Multivariate Modeling
And ML Techniques; Rock
Mechanics; Mine Ventilation.
Interdisciplinary: Automation For
Workplace Safety; Socio-
economic Impact Of Mining



Prof. Anindya Sinha
Professor of Practice

Research Interest:
Mine Planning & Design,
Mine Environment
Planning & Management,
Mine Mechanization &
Digitization



Prof. Rabindra Kumar Sinha
Associate Professor

Research Interest:
Design of Structures in Rock,
In situ Rock Mechanics
Investigations, Numerical
Modelling



**Prof. Vasanta Govind
Kumar Villuri**
Associate Professor

Research Interest:
Photogrammetry,
Cartography, Remote Sensing,
GIS And GPS



Prof. Radhakanta Koner
Associate Professor

Research Interest:
Mine Automation, Data Analytics,
Georesources Utilization Using
Remote Sensing Technology,
Slope Stability Analysis,
Landslide Analysis, Wireless
Sensing Technology, Real-time
Monitoring System In Mining



Prof. Patitapaban Sahu
Associate Professor

Research Interest:
Mine Ventilation, Sub-Surface
Environmental
Engineering, Mine
Radiation, CBM and Data
Analytics In Mining



DEPARTMENT OF MINING ENGINEERING

Faculty Profile of the Department



Prof. Gnananandh Budi

Assistant Professor

Research Interest:
Rock Mechanics And Ground Control



Prof. Kashinath Pal

Assistant Professor

Research Interest:
Rock Mechanics, Groundwater, Slope Stability



Prof. Mohammad Soyeab Alam

Assistant Professor

Research Interest:
Geospatial Technology In Mining, Underground Metal Mining, Mine Subsidence Studies, Mine Slope Stability Analysis, Mine Surveying



Prof. Siddhartha Agarwal
Assistant Professor

Research Interest:
Digitalization of Mining Operations, Industry 4.0 Applications In Mining, Machine Learning And Artificial Intelligence Applications In Energy Consumption In Mines, Earth Sciences: Geostatistics, Open Pit Mine Planning & Scheduling, Real Time Monitoring Of Air Pollution In Open Cast Mines, Geotechnical And Environmental Closure And Repurposing Planning



Prof. Swapnil Mishra
Assistant Professor

Research Interest:
Blast Resistant Design of Underground Structures, In-situ Stresses Surrounding Underground Structures, Impact Testing on Weak and Weathered Rock Conditions, Ground Subsidence, Rock Dynamics and Material Testing, Physical Modelling



Prof. Ashok Kumar
Assistant Professor

Research Interest:
Underground Mining Methods, Strata/Rock Mechanics, Numerical Modeling, Underground Instrumentation And Monitoring Of Strata, Support Design, Rockmass Characterisation, Excavation Methods For Tunnels & Caverns, Drilling & Blasting, Operations Research, Mine Environment, Surface Mining



Prof. Dondapati Gopi Krishna

Assistant Professor
Research Interest: Rock Mechanics, Numerical Modeling in Geotechnical Engineering, Coal Mining, Mine Instrumentation and Monitoring



Prof. Bhaskara Behera
Assistant Professor

Research Interest:
Rock Mechanics And Ground Control, Mining Methods, Numerical Methods In Geomechanics, Mine Planning And Design



Prof. Ajeet Yadav
Assistant Professor

Research Interest:
Rock Mechanics and Ground Control, Mining Methods, Mine Ventilation, Numerical Modelling



Prof. Ankush Galav
Assistant Professor

Research Interest:
Rock Mechanics and Ground Control, Mining Methods, Rock Excavation Engineering, Numerical Modelling, Mine Planning and Design, Mine Instrumentation and Monitoring



Prof. Santosh Kumar Behera
Assistant Professor

Research Interest:
Paste backfilling, underground metal mining, underground metal mine backfilling, underground coal mine stowing and associated mining methods, fly ash filling in open cast mines, and slope stability.



Prof. Maitreya Mohan Sahoo
Assistant Professor

Research Interest:
Remote Sensing, Geographical Information System, Geoinformatics, Digital Image Processing, Geological Spectroscopy, Hyperspectral Mixing and Unmixing, Super-Resolution, Digital Twin Technology, Artificial Intelligence



2025 CALENDAR

JANUARY

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

FEBRUARY

M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

MARCH

M	T	W	T	F	S	S
31					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

APRIL

M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY

M	T	W	T	F	S	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

JUNE

M	T	W	T	F	S	S
30						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

JULY

M	T	W	T	F	S	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST

M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SEPTEMBER

M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

OCTOBER

M	T	W	T	F	S	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

NOVEMBER

M	T	W	T	F	S	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

DECEMBER

M	T	W	T	F	S	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

2025 Calendar of Important Mining Days

4th April : International Day for Mine Awareness and Assistance in Mine Action

22nd April : World Earth Day

1st May : International Labour Day

4th May : Coal Miners Day

23rd June : International Women in Engineering Day

30th October : Mine Rescue Day

1st November : Coal India Foundation Day

1st November : Indian Mining Day

3rd to 5th Nov: Tun-Aid Workshop 2025

5th December : World Soil Day

03rd to 8th December : centenary Week

9th December : Foundation Day

11th December : International Mountain Day

14th December : National Energy Conservation Day

