

REGISTRATION FEES

Participants	Registration Fee			
	Early Bird Registration till November 15, 2023		Late Registration after November 15, 2023	
	National/ SAARC (INR)	Foreign (USD)	National/ SAARC (INR)	Foreign (USD)
Academicians	10000	185	12000	205
Research Scholar	5000	100	6000	120
UG/PG Student	3000	75	3500	95
Industry and professional	15000	250	17000	275
Accompanying person	3500	65	4000	50

Note:

- ⇒ Registration fee includes only registration kit, breakfast, lunch, high tea and participation certificate.
- ⇒ Accommodation fee will be charged separately and to be paid during their check in. Participants are requested to contact regarding accommodation at IIT Patna based on availability.

HOW TO REGISTER

Registration Link:

<https://forms.gle/Bi6St6sh4XXvHic4A>

For more details: <https://iitp.ac.in/~icgeid/>



MODE OF PAYMENT FOR REGISTRATION

<https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=1968961>

SPONSORSHIP

Items	Sub Items	Rates	
		INR	USD
Souvenir Advertisement	Front Page	25,000	303.00
	Front Back page	20,000	242.00
	Front End Page	15,000	182.00
	Front Back End page	10,000	121.00
	Inner Full page	15,000	182.00
	Inner half page	10,000	121.00
	Inner Quarter Page	5,000	61.00
	1 Colour page	8,000	97.00
Exhibition		100,000	1212.00
Sponsor (Free Reg. for 3 Delegates)	Registration kit, breakfast, lunch, high tea and participation certificate.	250,000	3030.00
Co-Sponsor (Free Reg. for 1 Delegates)	Registration kit, breakfast, lunch, high tea and participation certificate.	100,000	1212.00

CALL FOR PAPERS AND IMPORTANT DATES

Research papers are invited from all prospective authors. Authors are requested to submit an abstract of not more than 300 words within the deadline. Abstract can be submitted using

Commencement of Abstract Submission: June 01, 2023

Last date of abstract submission: June 30, 2023

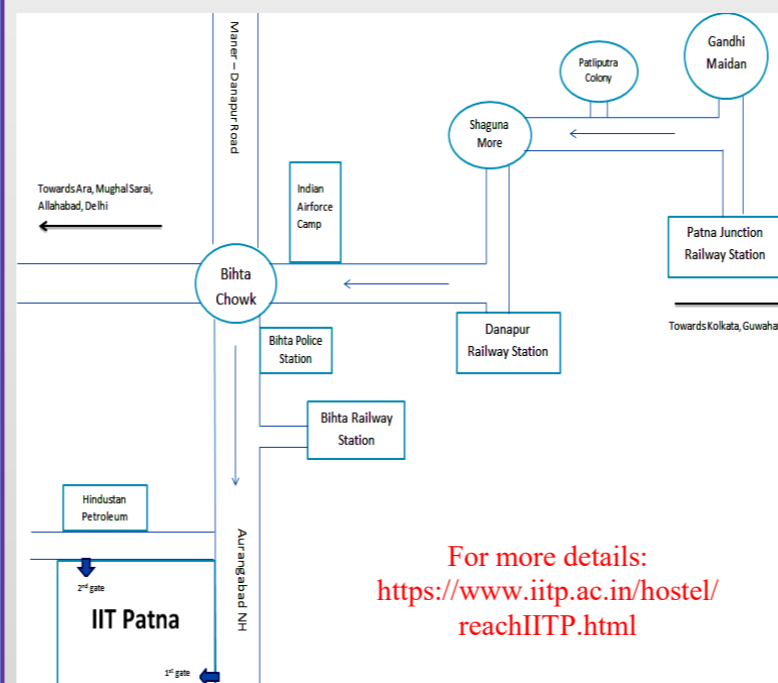
Acceptance of abstract: July 10, 2023

Last date of full paper submission: August 10, 2023

Acceptance of full paper: August 25, 2023

For paper submission and guidelines: <https://icgmid.in/>

HOW TO REACH



For more details:
<https://www.iitp.ac.in/hostel/reachIITP.html>

FURTHER INQUIRY AND INFORMATION

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2ND INTERNATIONAL CONFERENCE

ON

GEOTECHNICAL ISSUES IN ENERGY, INFRASTRUCTURE AND DISASTER MANAGEMENT

ICGEID-2024

January 18-20, 2024

VENUE: AUDITORIUM COMPLEX
IIT PATNA

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ENGINEERING

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Centre of Tropical Geoengineering

Geotropik, Universiti Teknologi Malaysia



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CONFERENCE THEMES

UNDERGROUND MINING AND GROUND CONTROL

Exploration and Methods of Mining
Planning & Design
Shafts and Mining
Ground Control Approaches & Methods and Subsidience
Geophysical methods in Mining
Ventilation management in mining, development headings
Equipment management in tunnels
High-speed materials movement through adits and declines
Optimization in tunnel development
Remote monitoring of excavation stability in mines
Geomatics & Geospatial Information System (GIS) in Mining
Hazard Analysis, Health & Safety and Sustainability
New and Innovative Technologies

TUNNELLING AND CASE STUDIES

Large Span Tunnels and Caverns
Hard Rock TBMs and Tunnels
Excavation in soft rocks
Micro tunnelling & Trenchless Tunnelling
Pressurized Face Tunnelling
Drilling and Blasting in Tunnelling
Geophysical methods in Tunnelling
Rockbursts, Difficult Ground and Grouting
Tunnelling support design
Geotechnical Considerations
Planning and Design, Prediction and Monitoring
Geomatics & Geospatial Information System (GIS) in Mining
Contract Practices
Ground Control Approaches & Methods
Tunnel Rehabilitation
Project Planning and Risk Management
Health & Safety and Sustainability
New and Innovative Technologies

LANDSLIDE

Kyoto landslide commitment for sustainable development
Remote sensing, monitoring and early warning
Testing, modelling and mitigation techniques
Mapping, hazard, risk assessment and management
Climate change, extreme weather, earthquakes and landslide
Progress in landslide science and applications
Analytical methods, Coupled numerical methods
Site and Laboratory Investigation

ENERGY GEOTECHNICS

Energy Geo-Storage & Geo-structures
Urban Planning for Energy Geo-Systems
Numerical Methods in Energy Geotechnics
Experimental Studies in Energy Geotechnics
THMC Behavior of Geomaterials
Unsaturated Soil Mechanics in Energy Geotechnics
Geoenvironmental Aspects of Energy Geotechnics
Geochemistry in Energy Geotechnics
Material Design in Energy Geotechnics
Geosynthetics in Energy Applications
Carbon Sequestration
Gas Hydrate Sediments
Shallow & Deep Subsurface Geothermal Systems
Natural & Hydraulic Fractured Reservoirs
Enhanced Oil Recovery
Nuclear Waste Repository Design and Evaluation
Geotechnical Challenges for Energy Infrastructure
Oil Sediments / Tailings
Intersections between Geology, Hydrology, Geophysics, and Energy Geotechnics
Energy Policy Issues in Energy Geotechnics

UNDERGROUND STRUCTURES AND CASE STUDIES

Application of Big Data Analytics
Application of Artificial Intelligence and Machine Learning
Metro Tunnels
Nuclear Waste Repository
Underground petroleum storage
Underground food storage

MINING GEOTECHNICS

Ground Improvement, Ground Support and Final Lining
Rock Mechanics, Slope Stability
Support Design, Drilling and Blasting
Physical modelling, Numerical modelling

RETAINING STRUCTURE, GROUND IMPROVEMENT TECHNIQUE, CONTAMINANT REMEDIATION

Earth Retaining Structures and Deep Excavations
Soil Stabilization, Ground Improvement and Land Reclamation
Development of Geomaterials
Reutilization and Recycling of Industrial By-products
Geo-Environmental Engineering and Sustainable Geotechnics
Ground Contamination and its Immobilization
Reliability in Geotechnical Engineering
Geotechnical, Geological and Geophysical Investigation

About ICGMID 2023

Indian Institute of Technology Patna and Geotopik, Universiti Teknologi, Malaysia are organizing an "International Conference on Geotechnical Issues in Energy, Infrastructure and Disaster Management (ICGEID-2023)" in November 2023.

Geotechnical inputs play a critical role in the planning, designing and excavation of slopes, mines, tunnels, sustainable energy systems and other sub-terranean facilities. In order to meet the ever-increasing demand of the market, large energy infrastructure projects are being planned and executed in diverse and challenging conditions. Tunnels are being constructed to meet the requirements of diverse disciplines such as irrigation, transportation, etc., At present large number of tunnelling projects are ongoing in different parts of the globe to create more efficient facilities for humanity. Prime amongst them being metros, hydel power projects, large sub-terranean and storage facilities (for storage of inflammable liquids such as petroleum products and by-products), defense applications etc., Energy Geotechnics integrates concepts from geotechnical engineering and geomechanics with cross-disciplinary collaborations with geology, hydrology, geophysics, geochemistry, petroleum engineering, and energy policy. Given the tough geo-conditions, where these projects are being executed, Geotechnical Engineers face challenges of unknown dimensions.

ICGEID-2023 aims to present a platform for all leading visionaries, researchers, academicians, and industry experts to address the current and future geotechnical challenges for development of energy, infrastructure and disaster management projects.

CONFERENCE OBJECTIVES

- To bring the researchers, academician and industry experts related to mining, tunneling, disaster mitigation and infrastructure projects on to a single platform
- To Provide a platform for knowledge sharing amongst multidisciplinary professionals.
- To identify specific geotechnical challenges related to excavation projects
- To generate a knowledge base of the latest trends and methods in execution of mining, tunneling and infra projects
- To know the legal, social and environmental aspects related to mining and infra projects

ABOUT IIT PATNA

Indian Institute of Technology Patna is one of the new IITs established by an Act of the Indian Parliament on August 06, 2008 with an intake capacity of 120 B.Tech. student's in 3 branches.

Patna which was known as Patliputra has been a center of knowledge since long has been attracting visitors and scholars from many parts of the world such as China, Indonesia, Japan, Korea, Sri Lanka, among others. This has been a land of visionaries. Some of the legends from this region include Lord Gautam Buddha, Lord Mahavir, Guru Gobind Singh, the famous astronomer Aryabhata and the first President of India, Dr. Rajendra Prasad.

IIT Patna has ten departments. These are Computer Science & Engineering, Electrical Engineering, Mechanical Engineering, Chemical and Biochemical Engineering, Civil & Environmental Engineering, Metallurgical and Materials Engineering, Chemistry, Physics, Mathematics and Humanities & Social Science departments. The Institute has developed modern facilities that are fully equipped with the state-of-the-art facilities (equipment software and machines).

