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REGISTRATION FORM

NATIONAL CONFERENCE AND EXPO ON  
ADVANCES IN MINING AND GEOTECHNICAL ENGINEERING  
(14 -16 OCTOBER, 2019)

Name .....

Designation .....

Organization .....

Address .....

Phone / Mobile No. ....

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Category (Please tick appropriate box)

Indian National

Students

IMMA Members Foreign National

Details of Bank Draft/ Cheque No. ....

Dated ..... Drawn on .....

Date ..... Signature .....

Payment Details :  
Bank Name : **UCO Bank, Katol Road Branch, Nagpur**  
A/C No. : **1931011048283**  
Account Name : **GEOMINE2019**  
IFSC Code : **UCBA0001931**

KEY NOTE SPEAKERS AND SUBMISSION OF PAPERS

Eminent experts from Government, Industry, R & D institutions and Academia will be invited to deliver key note speeches on various themes of the conference. Papers are also invited from all stake holders to express their views on various themes of the conference. Abstract of all the papers will be published in the conference souvenir with ISBN number and the full text will be made available in a pen drive. Selected papers will be published in Web of Science journal along with publication charges of Rs. 7,000/- after plagiarism check. Such authors are requested to submit abstract and full text of paper before 15th September, 2019.

DELEGATE REGISTRATION

To register please fill up the attached Registration form and return it along with the applicable fees as given below –

|                  | Before 15th Sept. | After 15th Sept. | Spot Registration |
|------------------|-------------------|------------------|-------------------|
| Indian National  | Rs 4000           | Rs 5000          | Rs 6000           |
| Student          | Rs 1500           | Rs 2000          | Rs 2500           |
| I M M A Members  | Rs 1500           | Rs 2000          | Rs 2500           |
| Foreign National | USD 150           | USD 200          | USD 250           |

GST @ 18 % extra will be applicable

\* At least one author of selected paper has to register



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Advertisements are solicited for the souvenir to be brought out at the time of conference. Organizations and companies are welcome to be part of the conference by sponsoring the conference in various capacities as platinum, gold, silver and support sponsors. All sponsors will be duly acknowledged in the conference souvenir and also will have the privilege to distribute publicity material. Publicity slots will also be made available between the sessions for product/ software manufacturers and service providers.

| ADVERTISEMENT            |              | SPONSORSHIP              |             | BENEFITS   |  |
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NATIONAL CONFERENCE & EXPO ON  
ADVANCES IN MINING AND  
GEOTECHNICAL ENGINEERING

14 - 16  
OCTOBER 2019  
NAGPUR



ORGANISED BY

**INDIAN MINE MANAGERS' ASSOCIATION**

NAGPUR CHAPTER IN ASSOCIATION WITH

**VNIT MINING ALUMNI ASSOCIATION, NAGPUR**

**SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT**

Katol Road, Gittikhadan, Nagpur 440013, Ph 9822736057, geomine2019@gmail.com



**The Indian Mine Mangers' Association** was established in 1923 and it is one of the oldest bodies of mining engineers of India. The Association is recognized for its outstanding contribution to the mining sector. There are eight chapters of Association all over the country and it's headquarter is at Dhanbad. Nagpur Chapter was started in 2014. Since its inception Nagpur Chapter is extremely active and is organizing technical meet quarterly. It has successfully organized National Summit on Sustainability of UG Mines in India in the year 2017. It has also expanded the base of membership which now is more than 400. Regular quarterly technical meets provide platform for interaction amongst academia, R & D institution, senior retired mining engineers and working professionals. The Chapter has once again taken initiative to organize a national conference to deliberate on various geotechnical issues related to mining sector and to come out with feasible solutions to help Indian mining sector to achieve newer horizons.



• **Shri Ramdeobaba College of Engineering and Management**, Nagpur was established in 1984 with a mission to impart quality education in the field of engineering and management. It is NAAC Accredited, Autonomous, ISO 9000: 2015 certified institution. It has nine undergraduate engineering programs, five engineering post graduate programs, MCA, MBA and is a recognized place of research. All the regulatory agencies have ranked it consistently as one of the best unaided private engineering institution in the country. Due to excellence in academic and transparent system of governance, Government of Maharashtra has passed a bill to convert it to unaided self financed university. The department of civil engineering was established in 1984, runs, undergraduate and two post graduate programs, M. Tech. (Structural Engineering) Full-Time and M. Tech. (Geotechnical Engineering) Part-Time. It has well developed labs and trained faculty which apart from quality teaching extends support of testing and consultancy to local industry.

- **VNIT Mining Alumni Association** was established in 1992 with an aim of providing insight to the department for changes in curriculum, organization of workshop & seminars. The Association has organized four workshops, two regional seminars and two national conferences. The association also organizes felicitation programs and helps department in organizing field visits, placement and industry institute interaction.
- **PREMISE** : Indian economy is world's fastest growing economy and is being planned to grow at a rate of more than seven percent. The contribution of mining to Indian GDP is 2.6 percent and if the Indian economy has to sustain plus seven percent growth then mining has to contribute about 5.6 percent. Thus we shall be witnessing 250 percent growth in production volumes of rocks and minerals. India's per capita availability of agricultural land has shrunk to 0.3 hectare per farmer compared to over 11 hectares in the developed world. This will put enormous pressure on land requirement in near future. The only available alternative is to use underground space. In future mining will be carried out in deeper horizons which will require stability studies both for underground and opencast methods. Shortage of land is putting pressure on increasing height of waste dumps. Effect of such enormous growth on environmental elements like land, water and air are also required to be studied.
- Instrumentation, numerical modelling, use of geosynthetic, use of new monitoring methods , geoinformatics etc. are some of the helping tools which are available. This has increased responsibility of mining and geotechnical engineers in designing, excavation and maintenance of stable geotechnical structures. The focus of this conference is to bring mining, geotechnical and other contributing experts to a common platform and share their expertise to solve complex technical and social issues.

#### CONFERENCE THEMES :



- Design of pit slopes & waste dump slopes, monitoring & stability assessment in mines & civil projects.
- Special geotechnical constructions, Geotechnical site investigations for underground projects.
- Design of stopes, cross-cuts and underground drivages.
- Sustainable civil infrastructures – Structures and bridge engineering, tunnel engineering, pavements, airport engineering
- Earthquake engineering and modern day structures
- Design of tunnels and caverns, planning, development and use of underground space.
- Ground Improvement Techniques - analysis of reinforced earth, geo synthetic- reinforced granular fill, reinforced soil retaining walls, reinforced embankments, nailed and anchored slopes, soil barriers of landfill covers, use of geofoam and EPS beads.
- Advances in soil dynamics and foundation engineering.
- Haul roads – design, construction, maintenance.
- Geo environment - Soil water contaminant, waste containment system – landfills and their design, contaminated site remediation- site characterization, risk assessment and methods of remediation, Ground vibrations and fly rock, Dust and noise pollution.
- Geo informatics – GPS survey, Laser Scanning, GIS applications, drone surveys.
- Instrumentation for stability assessment of underground excavations, strata monitoring, slope behavior, stress measurement.
- Empirical and Numerical Modeling tools for stability analysis of underground structures, pit and dump slope stability and other applications.

#### WHO SHOULD ATTEND AND WHY

Organizations and professionals dealing directly or indirectly with mining, mineral sector and infrastructure projects in the area of rock mechanics, geotechnical testing and exploration, geo environment, geoinformatics, ground improvement techniques, instrumentation, design and modelling; Managers, Scientists, Educationist, Government & Public Sector Officials and Exhibitors shall have the opportunity to express and share their views and interact and network in the conference.



#### VISIT TO MINING ECO PARK

Technical Sessions will be held on 14 - 15 and on 16 October field visit will be taken to mining eco park at Saoner. Delegates have to register separately for field visit.

The Visit includes Mineral Water Processing Unit at Patansaongi mine & Eco Park Developed at Saoner Sub Area. Delegates will be taken by bus. The Visit includes Lunch. Delegates will be back at Nagpur by 3.00 pm.



#### NAGPUR CITY

Nagpur is in the center of the country and is very well connected by rail, road & air. The Weather during october is pleasant with temperature around 33 degrees. Nagpur is famous for Oranges.

Delegates can visit Tadoba/Pench National forest reserve for Tiger safari. Famous

religious places include Ramtek Mandir (35 Km.), Mihan Industrial SEZ (10 Km.), Shri Ramdeobaba College of Engineering & Management is located 6 Km. from Railway Station & 10 Km. from airport. Western Coal fields Ltd., MOIL Ltd., Indian Bureau of Mines, Mineral Exploration Corporation, GSI, CIMFR, Miners Health Institute are located in Nagpur.

#### HOTELS

Hotel Pride, Radisson Blue, Center Point, Tuli International, Tuli Imperial are good hotels. Room rent varies from Rs. 3500 to Rs. 7,000.



#### Conference Secretariate

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