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National Seminar  
On



# Recent Practices and Advancement in Mineral Industry (RPAMI)

( 21 – 22 February 2020)



Organized By :

**Department of Mining Engineering**  
Visvesvaraya National Institute of Technology, (VNIT)  
Nagpur-440010, India.



### About the Seminar:

In India during last two decades, mining activities are being planned to work at greater depth in weaker and complex rock masses. Designing of excavations in rock masses whether at surface or at underground, requires a good understanding of ground conditions. These pose tough challenges to Practicing Mining Engineers and Geologists to design operations safely without compromising Economy and Environment.

Production of minerals comes from surface and underground mining, these mining activities are encountered with various problems. For example one of the important problems in surface mining operations is the stability of continuously increasing size of slopes & dumps on the other hand ground control is a major issue in underground mining.

It is expected that the National Seminar on “Recent Practices and advancement in Mineral Industry” will be in a position to address all pertinent and relevant issues related to the themes and make a serious attempt to chalk out the agenda for bringing about the much needed improvement. The seminar will provide a platform to deliberate on various issues which may be useful for Researchers, Academicians, Practicing Mining Engineers, Planners, Environmentalist and Geologists.

### About the VNIT:

Visvesvaraya National Institute of Technology (VNIT), Nagpur, India is an Institute of National Importance, located in the heart of the Nagpur city. It was established in the year 1960, earlier known as Visvesvaraya Regional College of Engineering (VRCE). The 215 acres lush green campus includes state of the art laboratories, well equipped classrooms, sport complex, hostel facility to accommodate more than 5000 students, faculty quarters, library and information centre, network centre, center of excellence and a dedicated health centre. VNIT Nagpur runs 9 UG Programs, 23 PG Programs and PhD programs. It has faculty strength of more than 250. Institute is ranked 31st in NIRF. The green campus of institute is full of natural flora and fauna. The 1MW solar power plant, 600 KLD STP and many such initiatives are taken for sustainability.

### About the Mining Department:

The department of Mining Engineering is established in the year 1982-83. It offers Bachelor of Technology (B Tech) in Mining Engineering and Master of Technology (M. Tech) in Excavation Engineering course. The B. Tech course has been accredited by National Board of Accreditation earlier in 1996, 2001, 2008 and 2016. The department has well qualified and experienced faculty and offering consultancy to different mining organizations. The department is engaged to carry out various R & D and Industry sponsored projects on various issues related to mining Industry. The department has excellent record of publishing the papers in the journals of high repute and filing of the patents.

### Themes:

- Future agenda of Indian Mining Industry
- Processing of minerals & coal
- Environmental impacts of mining and their solutions
- Conservation of mineral resources
- Advancement in Instrumentation & Monitoring
- Numerical Modeling and simulation techniques
- Advancement in production technology
- Challenges of Underground and surface mining
- Mining Laws and safety
- Mine ventilation/hazards & rescue
- Issues of thick/thin seam mining

### Registration Fee (Inclusive of GST):

1. Delegate Fee **Rs. 6000/**
2. Student delegate fee **Rs. 2000/**

### Sponsorship:

We are seeking sponsors and offering the best stage for the seminar, an event of VNIT Diamond Jubilee 2020. Sponsorship for the seminar will provide the sponsors unique opportunity to increase their visibility and to promote their products to highly specialized and influential community. The following options of sponsorships are available.

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Branch: VRCE, Nagpur

### Important Dates:

- Full Paper Submission : 31 December 2019  
Notification of Acceptance : 10 January 2020

The paper may be submitted in MS Word limiting to 3000 words to the [rpami2020@gmail.com](mailto:rpami2020@gmail.com).

### - VENUE -

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