



DEPARTMENT OF MINING ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY (BHU), VARANASI



MINOVATION 2018

Annual Techno-Management Fest
28th - 30th September





Centenary Celebrations



MINING SOCIETY

DEPARTMENT OF MINING ENGINEERING

INDIAN INSTITUTE OF TECHNOLOGY (BHU), VARANASI

Proudly Presents

MINOVATION 2018

Annual Techno-Management Fest

चरित्र निर्माण युक्त
उत्कृष्ट शिक्षा

Excellence in Education with
Character Building

www.minovation.in

where passion meets intellect



Department Of Mining Engineering, IIT-BHU

MINOVATION 2018

Annual Techno-Management Fest



Department of Mining Engineering, Indian Institute of Technology (BHU) is the oldest mining institute in India. IIT(BHU) is celebrating 100 years of engineering education this year.

MINOVATION 2018, the annual Techno-Management Fest of the Mining Society, Department of Mining Engineering, will be held from 28th-30th September, 2018.

MINOVATION (formerly METTLE) is seen as the largest event of its kind in India with remarkable participation from across the country.

Alumni from prominent mining, mine machinery and allied companies are expected to grace this occasion.

Plethora of technical events, competitions, workshops, guest lectures from eminent personalities and Alumni Meet will be organized.

This will provide an unparalleled platform for the future technocrats and entrepreneurs to tap into their hidden potential.

MINOVATION

2018



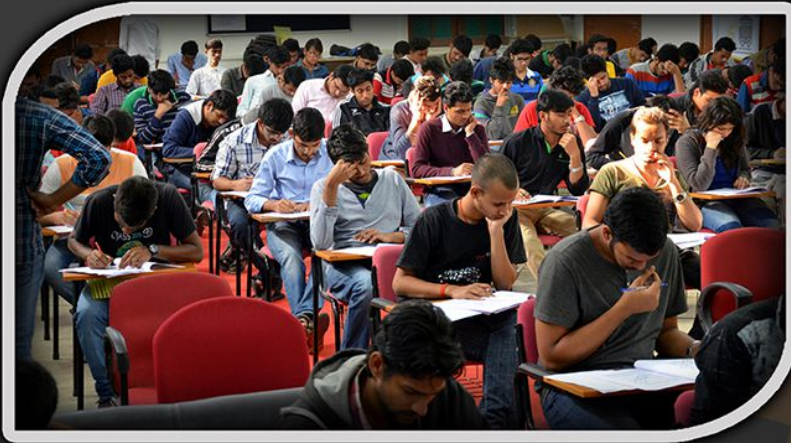
Department Of Mining Engineering, IIT-BHU

MINOVATION 2018

Annual Techno-Management Fest



GLIMPSES OF PREVIOUS FESTS





Department Of Mining Engineering, IIT-BHU

MINOVATION 2018

Annual Techno-Management Fest



WHY BE A PART OF MINOVATION 2018

The participating students get the opportunity to display their capabilities and compete with students from mining colleges across the India. They also get the exposure to the mining fraternity from all over country, get to know students and make friends with people of similar interests.

The participating companies get the advantage of

- ◆ Targeting the young budding mining engineers from across the country to think about their company and products.
- ◆ 24x7 ON and OFF campus visibility for 3 days for more than 1000 audience.
- ◆ One on one interaction with the target audience.
- ◆ Convey your brand message.
- ◆ Newspaper, Radio, TV and Media Coverage.

MINOVATION

2018



Department Of Mining Engineering, IIT-BHU

MINOVATION 2018

Annual Techno-Management Fest



EVENTS

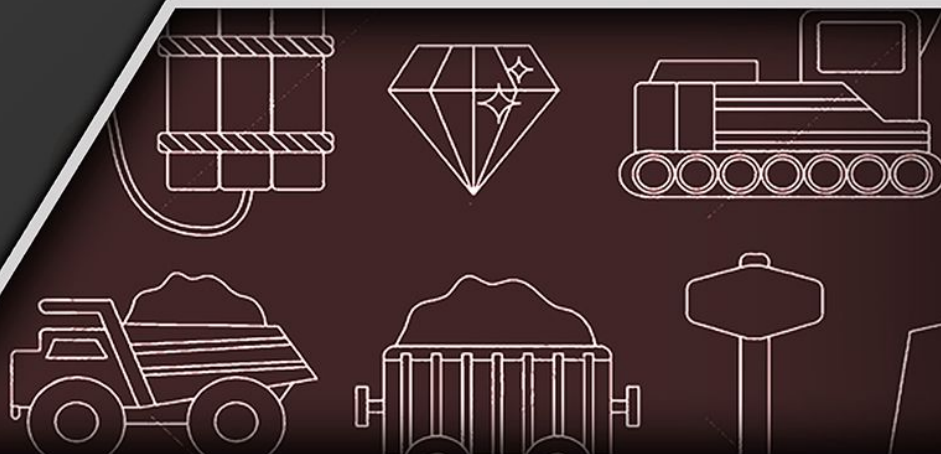
PAPER PRESENTATION

In today's dynamic world the need of the hour is to have a sustainable, economic, and efficient plan to accomplish any task. MINOVATION 2018 invites students/ scholars to present their papers and contribute to fostering the Industry-Academia Collaboration



INDUSTRIAL DESIGN PROBLEM

Engineers encounter a wide variety of challenges every day in the field. MINOVATION 2018 brings real case scenarios into the problem statement to give the students a savor of what it means to be working in a dynamic industry.



www.minovation.in

where passion meets intellect



Department Of Mining Engineering, IIT-BHU

MINOVATION 2018

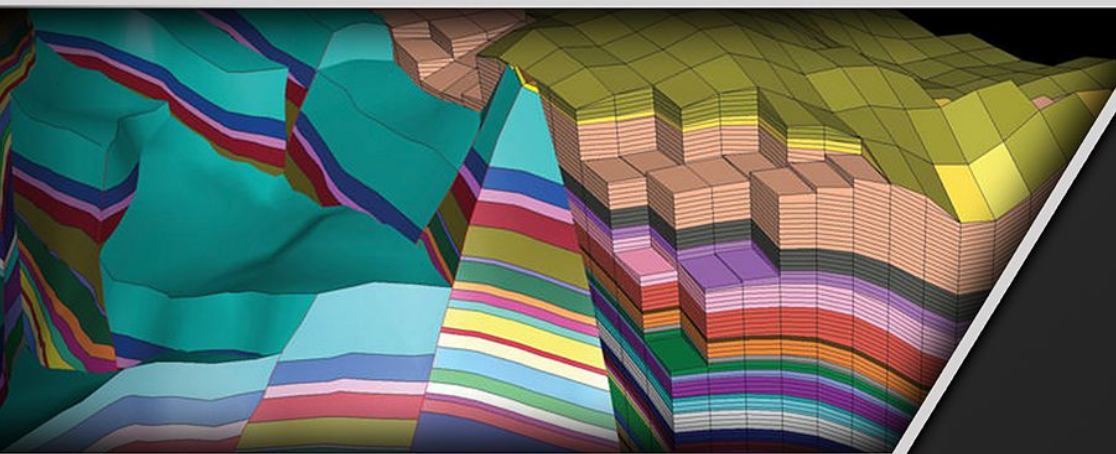
Annual Techno-Management Fest



EVENTS

SIMULATION

The usage of simulation to predict the response of the rock mass we work on, to plan the exploration and exploitation stages of mining, to ensure the safety of the structures through reliability analysis is of paramount significance. MINOVATION 2018 brings you an hands-on experience of various simulation software packages.



MENSURA

Got vision to look beyond the powerful lens of a DSLR? Survey the terrain of Varanasi with the most popular surveying tools like Theodolite and EDM. Let's define the altitude of our attitude.





Department Of Mining Engineering, IIT-BHU

MINOVATION 2018

Annual Techno-Management Fest



EVENTS

INTRIGUE

To run a business an individual should possess an adaptive mind that molds according to the dynamics of the present. MINOVATION 2018 would be organizing a contest where students would be performing case studies on Mining Industry to test the managerial mettle.



INNOTECH

Innovation is the key to survival in the dynamic modern world. MINOVATION 2018 invites participants to come up with new and improvised models and instruments that can be readily implemented in the industry as well as for research.





Department Of Mining Engineering, IIT-BHU

MINOVATION 2018

Annual Techno-Management Fest



EVENTS

RECONDITE

Warm up your inquisitive grey matters for the event which will analyze your mining acumen. Qualify through the written quiz round to get quizzed by the quizmaster and dominate in the battle of conundrums.



GEOCARTER

It all starts with the rigorous exploration, prospecting and surveying. Checks the geologist inside you by testing your knowledge about different rocks, mapping of ore reserves etc.





Department Of Mining Engineering, IIT-BHU

MINOVATION 2018

Annual Techno-Management Fest



EVENTS

SAFETY HUNT

The biggest challenge to an engineer is to ensure safety. Analyse the drawbacks in the measures taken for safety at an underground model mine and provide solution for rectifying the safety measure.

WORKSHOPS

1. Simulation Workshop
2. Mensura Workshop (Surveying)
3. Other Workshops
 - Rock Mechanics and Instrumentation
 - Mining Machinery



Department Of Mining Engineering, IIT-BHU

MINOVATION 2018

Annual Techno-Management Fest



GUEST LECTURES

MINOVATION 2018 presents a string of guest lectures by the esteemed industry leaders and distinguished alumni of the department.



ALUMNI MEET

MINOVATION 2018 stands as a brilliant opportunity for the participants to interact in person with the distinguished alumni of the department holding key positions in the industry. Be a part of centenary celebrations of the department



www.minovation.in

where passion meets intellect



Department Of Mining Engineering, IIT-BHU

MINOVATION 2018

Annual Techno-Management Fest



ADVISORY BODY



DR. S.K. SHARMA
CHAIRMAN MINOVATION'18
HOD & PRESIDENT (MINING SOCIETY)
MINING DEPT. IIT(BHU)



DR. D.P. SINGH
PROFESSOR EMERITUS
MINING DEPT. IIT(BHU)



DR. A. JAMAL
PROFESSOR
MINING DEPT. IIT(BHU)



DR. PIYUSH RAI
PROFESSOR
MINING DEPT. IIT(BHU)



DR. B.K. SHRIVASTVA
PROFESSOR
MINING DEPT. IIT(BHU)



DR. N.C. KARMAKAR
PROFESSOR
MINING DEPT. IIT(BHU)



DR. A.K. JAIN
PROF. IN-CHARGE MINOVATION'18
FORMER DIRECTOR DGMS
VISITING FACULTY
MINING DEPT. IIT(BHU)



DR. R. KUMAR
FORMER DIRECTOR CCL
VISITING FACULTY
MINING DEPT. IIT(BHU)



DR. R. CHANDRA
FORMER DIRECTOR(T) ECL
VISITING FACULTY
MINING DEPT. IIT(BHU)

CONTACTS

ABHINAV SINGH

STUDENT CO-CONVENOR, MINOVATION'18
abhinav.singh.min15@itbhu.ac.in
+91-9455233157

SHIVAM SINGH

STUDENT CONVENOR, MINOVATION'18
shivam.singh.min15@iitbhu.ac.in
+91-9807851178

PRATEEK SAHOO

STUDENT CO-CONVENOR, MINOVATION'18
prateek.sahoo.min16@itbhu.ac.in
+91-8984843146