

About the Department

The Department was established in the year 1995 and has been in the forefront of mining education, research and consultancy services in India. It is located in close proximity of many mineral and coal mines both opencast and underground. The Department has well qualified faculty members and staffs dedicated to applied research in the field of Mining Technology, Geomechanics, Mine Environment and Safety Engineering, Solid Fuels and Clean Coal Technology, Mining Geology and Mine Surveying. The Department has also excellent computing facilities with the state-of-the-art softwares like SURPAC, WipFrag, JK Bench. The academic curricula is continuously revised to keep abreast of the industry needs as well as the vision and an all round development of students.

Program Schedule and Venue

9-13 Sept. 2020
(9:00 AM - 4:00 PM)

Platform - Google Meet
(Link will be provided on the day of workshop)

How to Reach

GCE Keonjhar is well connected by railways from all parts of the country. The nearest airport is Biju Pattnaik Int. Airport, Bhubaneswar which is approx. 220 Kms from Keonjhar.

Last Day of Registration

8

September
2020

Workshop Fee-NIL

Participants have to register before 8th Sept. 2020 for attending the programme.

Who can Attend

UG/PG students, Faculty Members, Research Scholars planning to specialize in particular listed fields, Practicing Engineers, Personalities from industries and R&D.



DEPARTMENT OF MINING ENGINEERING
GOVERNMENT COLLEGE OF ENGINEERING,
KEONJHAR

PRESENTS

5 DAYS' NATIONAL ONLINE WORKSHOP ON RECENT ADVANCEMENTS IN MINING TECHNOLOGY

9-13 SEPTEMBER, 2020

SPONSORED BY TEQIP-III



About the Workshop

The Principal objective of the workshop is to train the participants with the modern advancements in the field of Mining Engineering. The scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians, students and working professionals by providing a forum for sharing their knowledge, experiences, innovations and inventions. Preferences shall be given to topics of inter-disciplinary nature, emerging and thrust areas in Technical Education. From these deliberations meaningful interferences are expected for the growth of budding mining engineers. The instructors are eminent personalities in the mining field. We are confident that the souvenir of the workshop would be of immense help to the students.

Objectives

- 1) Improve Student Learning
- 2) Faculty & Staff Development and Motivation
- 3) Research and Development
- 4) Industry-Institute Interaction



Course Content

- 1) Sustainable Mining
- 2) Mine Fire
- 3) Mine Safety Engineering
- 4) Advanced Underground Metal Mining
- 5) Haul Road Design
- 6) Bulk Utilization of Fly Ash
- 7) Material Handling using Belt Conveyor
- 8) Advanced Underground Ventilation
- 9) Rock Blasting
- 10) Coal & Iron Beneficiation
- 11) Mine Back Filling
- 12) Photogrammetric Survey
- 13) Mineralogy & Crystallography

Hands-On

- 1) Rock Mechanics Lab
- 2) Mineral Processing Lab
- 3) Mine Environment & Material Handling Lab
- 4) Mine Surveying Lab
- 5) Geology



Course Material

RAMT 2020 Material



Prof. Soumya Ranjan Mallick
Principal Co-ordinator & Instructor,
RAMT - 2020



Prof. Umakanta Behera
Programme Co-ordinator & Instructor,
RAMT - 2020

External Instructors - RAMT 2020

Prof. B K Pal
(Professor, NIT, Rourkela)

Sri K Subramania
(Former Executive Director & Visiting Faculty, NLC, Neyveli)

Sri D K Khanda
(Senior Manager, MCL, Sambalpur)

Sri G Sahoo
(Additional General Manager, OMC, Bhubaneswar)

Sri B N Das
(Assistant Manager, IMFA, Bhubaneswar)

Internal Instructors - RAMT 2020

Prof. S N Das - GCE, Keonjhar
Prof. M Yadav - GCE, Keonjhar
Prof. H Raza - GCE, Keonjhar
Prof G Kundu - GCE, Keonjhar
Prof. A Parida - GCE, Keonjhar