

# About the Workshop

The Principal objective of the workshop is to make the participants familiar with the recent strategies for Sustainable Mining. The scheme intends to promote high standards in Technical Education by way of extending opportunities to the academicians, students and working professionals by provide a forum for sharing their knowledge, experience, innovations and inventions. Preferences shall be given to topics of inter-disciplinary nature, emerging and trust areas in Technical Education. From the 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 will be of immense help to the students.

## Objectives

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



### Program Schedule and Venue

18-22 March, 2021  
(11:00 AM - 5:00 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:

17<sup>th</sup>  
March  
2021

### Workshop Fee-**NIL**

Participants have to register before 17 March, 2021 for attending the programme.

### Who can Attend

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



DEPARTMENT OF MINING ENGINEERING  
GOVERNMENT COLLEGE OF ENGINEERING,  
KEONJHAR

**PRESENTS**

1 WEEK NATIONAL ONLINE WORKSHOP  
ON

**STRATEGIES FOR  
SUSTAINABLE MINING**

**18<sup>th</sup>-22<sup>nd</sup> MARCH, 2021**

SPONSORED BY: **TEQIP-III**





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.

The collage features the following equipment:

- Universal Testing Machine (UTM) with a blue frame and a large circular dial.
- Magnetic Field Strength Meter with a circular dial and a blue frame.
- Vertical Stand with two green vertical rods and a blue base.
- Pressure Transducer with a blue frame and a circular dial.
- Universal Testing Machine (UTM) with a blue frame and a large circular dial.
- Microscope with a blue frame and a large circular dial.
- Pressure Transducer with a blue frame and a circular dial.
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# SSM 2021 Material



**Prof. Trilochan Sahu**  
**Patron,**  
**SSM-2021**



**Prof. Soumya Ranjan Mallick**  
**Chairman,**  
**SSM-2021**



**Prof. Umakanta Behera**  
**Convener,**  
**SSM-2021**

**Prof. S. N. Das - GCE, Keonjhar**



**Prof. M Yadav - GCE, Keonjhar**



**Prof. H. Raza - GCE, Keonjhar**



**Prof. G Kundu - GCE, Keonjhar**