



ABOUT INSTITUTION

Government College of Engineering, Keonjhar stands in pride and honour imparting the true colours of learning and wisdom. Having its footsteps in one of the oldest Technical Institute, the Orissa School of Mining Engineering, Keonjhar, it is the only Government College offering B.Tech Programmes in North Odisha. Government College of Engineering, Keonjhar was established in year 1995, having Mining Engineering as the only branch. GCE Keonjhar has been marked as an Institution of National Importance and the only Government College in the state of Odisha offering B.Tech in Mining Engineering and Mineral Engineering. The Technology is changing the world and it becomes a challenging task to cater the needs of the industry. Hence, GCE, Keonjhar has been moving forward on the paths that don't compromise any effort to satisfy the student's interest.

▶ ABOUT DEPARTMENT OF MINING ENGINEERING

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 is aimed through practical training, field camps and study tours, seminars, project work, inter institute students technical meets and a host of extracurricular activities.

TE@IP-III
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2nd NATIONAL CONFERENCE



6th & 7th October, 2018

CURRENT PRACTICES IN MINING AND ALLIED INDUSTRIES

ORGANISED BY

▶ Department of Mining Engineering
In association with
Society of Mining and Exploration

GOVERNMENT COLLEGE OF ENGINEERING, KEONJHAR
ODISHA - 758002

Preamble

CPMAI aims to bring together the valuable experience of the industry professionals, the knowledge and excellence of the academia and youthful vigour of the students to come forth production while ensuring safety and sustainability. We invite you to be a part of this Industry-Institute partnership focusing on themes around this challenge. Your experience and knowledge will make the discussion fruitful and would help groom the students into professionals.



Themes

- Environmental issues in Mining & Allied Sectors
- Pollution Monitoring & Mitigation
- Solid Waste Management
- Bulk Utilization of Fly ash in Mining & Allied Sectors
- Waste Water Treatment and Utilization
- Environmental Impacts of Rock Blasting
- Slope Stability and Highwall Mining
- Paste Fill Technology
- Characterization of Earth Materials
- Haul Road Design
- Ground Control for Mine Planning
- Occupational Health Hazards
- Equipment Selection and Material Handling
- Recent Advancements in Sea Bed Mining
- Problems of River Sand Mining
- Mine Closure and Reclamation
- Mine Automation
- Innovations in Clean Coal Technologies
- Mineral Beneficiation
- CBM, UCG and Shale Gas as Alternative Fuel
- Utilisation of Lignite for Power Generation
- Geothermal Power Generation
- Recent Developments in Energy Storage

Call for Technical Paper

The technical committee cordially invites research articles/technical papers and case studies from practicing mining engineers, policy makers, geologists, geo-environmentalists, academicians, scientists, research scholars, administrators as well as students. Technical Papers, key-note addresses presented during the technical sessions shall be included in the proceeding volumes of the seminar. The research articles/technical papers may be submitted latest by 15th September 2018 in the following mail id : sme@gcekjr.ac.in

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(Principal)

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