

# Faculty Profile



**Name** : **Badal Suman**

**Designation** : Assistant Professor

**Teaching Area** : Mine Methods, Ventilation, Surface mining, Surveying, Drilling and blasting, Ground control, Rock mechanics, Geology, Underground Metalliferous Mining.

**Research Interest** : Sustainable Mining , Spontaneous Heating, Ground Vibration, Beneficiation of Coal by Gravity Separation Techniques, Mine hazard, Mine Inundation.

## Educational Qualification

- **M.Tech** in Mineral and Fuel Engineering from IIT (ISM), Dhanbad, Jharkhand- 2021.
- **B.tech** in Mining Engineering from Biju Patnaik University of Technology (BPUT)-2019.
- **Intermediate (CBSE)** from Oxford Public School Ranchi.
- **Matric(ICSE)** from Don Bosco Academy McCluskiegunj Ranchi.

## Research

- Beneficiation of High Ash Indian Coal fines by Gravity Separation Techniques.
- Methodology of Mine Reclamation.

## Paper Presentation/Publication

- The paper titled “Sustainable Mining” is published in The Indian Mining & Engineering Journal, October 2022 issue