ABOUT MINING ENGINEERING DEPARTMENT

Take the road less travelled for employment at graduation level! It is this recent trend in the choice of courses at B. Tech. level that has led to the initiation of Mining Engineering Department at Aditya. Here students are trained in sound fundamental theories in engineering backed by state-of-the-art laboratories which include Mineral Engineering lab, Mine Environmental Engineering Lab, Metallurgy Lab, Mining Geology Lab, Mine Surveying Lab and computational facilities.

The Department houses a well-furnished and spacious library with rich collection of books on Mining and other engineering subjects. It also subscribes to various magazines, journals, periodicals etc. for the students. As mining engineers require an understanding of a number of aspects of other engineering disciplines like Civil, Electrical, Geological, Mechanical and Computer Engineering the department works collaboratively with the other departments.

Students are encouraged for internships in Bharat Coking coal Limited, Coal India Limited, Western Coal Fields, Eastern Coal Fields, Neyveli Lignite Corporation Limited and Singareni Collieries Company limited.

VISION OF THE DEPARTMENT

To prepare the graduates in the major fields of mining engineering at par with international standards.
MISSION OF THE DEPARTMENT

Our Mission

MISSION 1:
By upgrading mining engineering education through training of faculties regularly.

MISSION 2:
By providing state of the art laboratory facilities & constantly updating it.

MISSION 3:
By exposing the real time technologies practiced in mining industries.
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<tr>
<th>S.N.</th>
<th>Authors</th>
<th>Title of Research Paper</th>
<th>Name of the Journal/Conference/Book Chapter</th>
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<tr>
<td>1</td>
<td>Mr. Satyajeet Parida</td>
<td>Safety Risk Assessment and Risk Prediction in Underground Coal Mines Using Machine Learning Techniques</td>
<td>Journal of The Institution of Engineers (India): Series D</td>
<td>Springer</td>
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<td>Performance analysis of coal cleaning operations: Role of probable error in separation and organic efficiency</td>
<td>International Journal of Coal Preparation and Utilization</td>
<td>Taylor and Francis</td>
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<td>3</td>
<td>Dr. Abhishek Kumar Tripathi</td>
<td>Development and Evaluation of Dust Cleaning System for a Solar PV Panel</td>
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<td>Academic Publication Council Kuwait University</td>
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<td>4</td>
<td>Dr. Abhishek Kumar Tripathi</td>
<td>Development and performance analysis of solar tracking PV systems</td>
<td>Development and performance analysis of solar tracking pv systems</td>
<td>NOVA Science</td>
<td>978-1-53619-200-1</td>
<td>Scopus</td>
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<td>Design of wireless gas monitoring technology for underground coal mines</td>
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<td>6</td>
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<td>IOP</td>
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WQI using python programming

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| 1    | POSTER| Y. Phani Kumar Reddy | ![Photo](image1)
| 2    | POSTER| Aniket Mahto          | ![Photo](image2)
| 3    | POSTER| Parre Subhash          | ![Photo](image3)
| 4    | TECHNICAL QUIZ | D. Ganesh | ![Photo](image4)
| 5    | TECHNICAL QUIZ | P. Naresh | ![Photo](image5)
| 6    | TECHNICAL QUIZ | Y. Sarath Aditya & R. Gowtam | ![Photo](image6)
PARTICIPATION IN ICACET -2021

International Conference on Advances in Computer Engineering and Communication Technology (ICACET 2021), AICET sponsored international conference was held at Aditya College of Engineering & Technology, Surampalem, during October 22-23, 2021. In this conference Dr, Abhishek Kumar Tripathi participated actively and presented his technical article entitle “Design of wireless gas monitoring technology for underground coal mines”.

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<td>9</td>
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<td>Vasala Sannith Kumar</td>
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INDIAN MINING DAY CELEBRATION

Indian Mining Day (IMD) is being observed on 1st November, every year. Mining Engineering Association of India (MEAI) is taking lead in conducting IMD and is celebrated to discuss about the present scenario, technological advancement, discussing the various issues related to mining industry and for future developments. Department of Mining Engineering celebrated this day with healthy discussions on recent advancements in mining and mineral industries followed by group discussion and smart idea towards sustainable mining.
GUEST LECTURE

1. Mr. Satyajeet Parida

2. Dr. Abhishek Kumar Tripathi
KEYNOTE SPEECH

Dr. Abhishek Kumar Tripathi was invited to deliver a keynote speech and chair one session at the National Virtual Conference on "Modern technological applications in Mining and Mineral Exploration". He delivered his talk on “Development of an IOT Based Automatic Gas Monitoring System for Underground Coal Mines”.
PLACEMENTS

Congratulations

#AdityasPride

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B.E. COMPUTER SCIENCE
Machine Engineering

N. SATISH REDDY
Vice-Chairman
ADITYA EDUCATIONAL INSTITUTIONS

Congratulations

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SIRAM UMMANENI
B.TECH ELECTRONICS
Machine Engineering

Dr. N. SATISH REDDY
Vice-Chairman
ADITYA EDUCATIONAL INSTITUTIONS
EDITORIAL BOARD

Editor-in-Chief

Dr. M. Sreenivasa Reddy  Director

FACULTY

Mr. Satyajeet Parida,  Assistant Professor & HOD

Dr. Abhishek Kumar Tripathi,  Assistant Professor

STUDENTS

K. Gnaneswar,  IV B. Tech

M. Mallesh,  IV B. Tech

Y. Phani Kumar Reddy,  III B. Tech

B. Trisha,  III B. Tech

Paritish Nandi,  II B. Tech

Shaik Amansha,  II B. Tech