



MINER

NEWSLETTER

Volume-11

ISSUE-2 (SEP-NOV)

2021-2022

DEPARTMENT OF MINING ENGINEERING
ADITYA ENGINEERING COLLEGE, SURAMPALEM



APPROVED BY AICTE, NEW DELHI AND AFFILIATED TO
JNTU KAKINADA

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.



FACULTY PUBLICATIONS



(Journal, Conferences and Book Chapter)

S.N.	Authors	Title of Research Paper	Name of the Journal/ Conference/ Book Chapter	Name of the Publisher	ISSN/ ISBN	Indexing
1	Mr. Satyajeeet Parida	Safety Risk Assessment and Risk Prediction in Underground Coal Mines Using Machine Learning Techniques	Journal of The Institution of Engineers (India): Series D	Springer	2250-2122	Scopus
2	Dr. Subha Ranjan Paul	Performance analysis of coal cleaning operations: Role of probable error in separation and organic efficiency	International Journal of Coal Preparation and Utilization	Taylor and Francis	1939-2702	SCI
3	Dr. Abhishek Kumar Tripathi	Development and Evaluation of Dust Cleaning System for a Solar PV Panel	Journal of Engineering Research	Academic Publication Council Kuwait University	2307-1885	SCI
4	Dr. Abhishek Kumar Tripathi	Development and performance analysis of solar tracking PV systems	Development and performance analysis of solar tracking pv systems	NOVA Science	978-1-53619-200-1	Scopus
5	Dr. Abhishek Kumar Tripathi	Design of wireless gas monitoring technology for underground coal mines	ICACET-2021	IOP	1742-6596	Scopus
6	Mr. Satyajeeet Parida	Determination of physico-chemical parameters of coal mines water samples and their correlation establishment with	ICAPSM 2021	IOP	1742-6596	Scopus

		WQI using python programming				
7	Dr. Abhishek Kumar Tripathi	Design and Development of an IoT Based Gas Monitoring System for Underground Coal Mines	PRIME-2021	Springer	2195-4364	Scopus
8	Dr. Abhishek Kumar Tripathi	Assessment of Iron Potential and Its Economic Viability at Salem Namakkal Iron Ore Complex Tamil Naidu Using Magnetic and Remote Sensing Survey	ICAACT 2021	AIP	1551-7616	Scopus

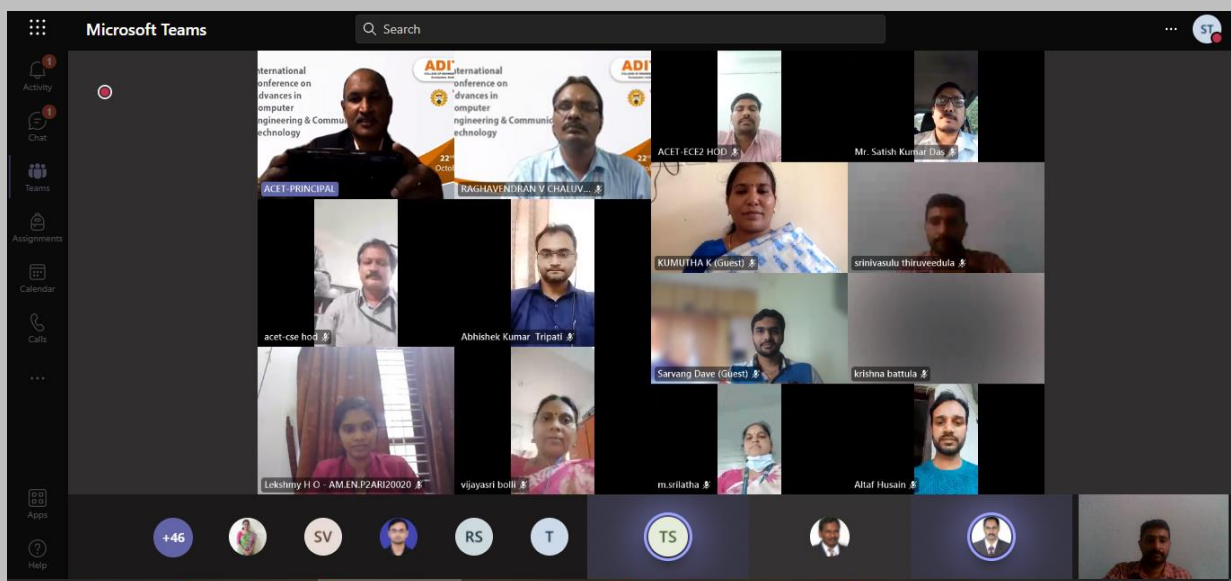
VEDA TECH FEST (WINNER)

S.NO	EVENT	NAME	PHOTO
1	POSTER	Y. Phani Kumar Reddy	
2	POSTER	Aniket Mahto	
3	POSTER	Parre Subhash	
4	TECHNICAL QUIZ	D. Ganesh	
5	TECHNICAL QUIZ	P. Naresh	
6	TECHNICAL QUIZ	Y. Sarath Aditya & R. Gowtam	

7	PPT	Mittapalli Mallesh	
8	PPT	B. Ajay & V. Ajay Chandh	
9	PPT	Vasala Sannith Kumar	

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”.



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".

Conference invitation

HM hod Mining 17 Jul
Abhishek Kumar Tripathi, +4

Mining Invitation 20th July2021.pdf
PDF - 8 MB

Respected Dignitaries:
I am herewith attaching the conference invitation of our National conference of Mining Dept. of AMET (Deemed to be university) . As per the Schedule you are requested to join for the conference as Chairperson and /Or Key note address person.
I will send the Zoom Link on Monday .
Also requesting you to kindly register yourself for the Conference with the following Google Form Sir.
https://docs.google.com/forms/d/e/1FAIpQLScRlRt_jWZS7ZAo9d8-INp3PqnfXArfr14OisWvvh7udV5jMQ/viewform?usp=sf_link
Looking forward for your esteemed presence.

Thanks and Regards

Reply to all

KEY NOTE ADDRESS 2 : **Dr. SINGAM JAYANTU**, Professor, Dept. of Mining Engineering NIT, Rourkela
11.00 am to 11.40 am
KEY NOTE ADDRESS 3 : **Dr. K. VELURI RAO**, Retd GGM, ONGC
11.00 am to 11.40 am
KEY NOTE ADDRESS 4 : **Dr. MAHESH SREEWAS**, Assistant Professor, Dept. of Mining Engineering NIT, Rourkela

TECHNICAL SESSIONS (PARALLEL) 2.00 TO 4.00 PM
SESSION 1 UPSTREAM MINING : **Chair Person Mr.A. JAYASEKARAN**, Director, Dept. of Petroleum Engineering.
SESSION 2 DOWN STREAM MINING : **Chair Person Dr.A.K. TRIPATHI**, Asst. Professor, Dept. of Mining Engineering, Aditya Engineering College, Surampalem

DAY-2 (21.07.2021)

TECHNICAL SESSIONS (PARALLEL) 10 am TO 12 pm
SESSION 3 UPSTREAM MINING : **Chair Person P. PORCHELVAN**, Professor, Dept. of Environmental Engineering, VIT
SESSION 4 DOWN STREAM : **Chair Person Dr. LSRINIVASAN RAO**, Asst Professor, Dept. of Mining Engineering, IIT Kharagpur

TECHNICAL SESSION 1.30 pm TO 3.30 PM
SESSION 5 MINING PERIPHERALS : **Chair Person Dr. RAJESH KANNA**, Professor, Dept. of Petroleum Engineering AMET Deemed to be University

VALEDICTORY FUNCTION 3.45 pm TO 5.00 pm
WELCOME ADDRESS : A. GURUBHAMAM, ASSISTANT PROFESSOR, DEPARTMENT OF MINING ENGINEERING
CHIEF GUEST ADDRESS : Prof. SINGAM JAYANTU, PROFESSOR, DEPT. OF MINING, NIT ROURKELA

PLACEMENTS



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S/O UMMANENI RAMESH
Mining Engineering

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