



A University under u/s 2(f) of the UGC Act 1956; established by Rajasthan Govt.

Act 4 of 2009 with the right to confer degrees u/s 22(1) of the UGC Act.



DEPARTMENT OF MINING ENGINEERING (FACULTY OF ENGINEERING & TECHNOLOGY)

INTRODUCTION

The Department of Mining Engineering was started in the year 2014. The Department is currently offering B. Tech. and Diploma courses under the faculty of Engineering & Technology. As the department has been established nearby Chittorgarh area, the department of Mines and Geology made continuous efforts to explore mineral resources of the district. To do this, Mining plays an important role as without mining no minerals can be explore.

VISION-

- To nourish and educate the Students for Mining and Mining-related industries.

MISSION-

- Provide quality education to the diploma and degree students.
- To educate Students to work in any area of the mining industry, disseminate newly acquired knowledge and prepare students for productive, life-long careers in mining and related industries or disciplines.

ACADEMIC PROGRAMME OF THE DEPARTMENT

COURSE NAME	DURATION	FULL TIME/PART TIME
• Diploma	3 Years	Full Time
• Diploma (Lateral)	2 Years	Full Time
• B. Tech	4Years	Full Time
• B. Tech (Lateral)	3Years	Full Time

CURRICULUM DEVELOPMENT

- The syllabus for Diploma and B.Tech courses are recommended to BoS which is approved by experts-
 - Prof. Anupam Bhatnagar
Head, Mining Engg., CTAE Udaipur
 - Dr. S.C.Rai
(Retd.) Superintendent Geologist, DMG
 - Shri. S.M. Ahmed, Asst. Vice President, Birla Cement

INDUSTRIAL VISITS

- Visited the Rampura Agucha Mines, which has world's largest deposits of zinc and lead , with a strength of 15 Students. Appreciable arrangement was made for the Students to visit various tools, machines, sites- open cast and underground mines.
- Visited the RD Sindesar khurd mines, which has large deposits of Pb- Zn, with Students and faculty members.
- Visited the Aditya Birla Cement mines, Shambhupura, Chittorgarh(Raj.) on 11-05-2017 with a strength of 19 Students and two faculty members.

CONTD...

- Visited the Jhamarkotra rock phosphate open cast mines, Rajasthan State Mines and Minerals Limited (RSMML), Udaipur which is the largest rock phosphate mines in India, with a strength of 53 Students.
- Visit to Limestone Mines, Shambhupura, Chittorgarh.
- An industrial visit to Vijay Marble was organized for a group of 40 students of B.Tech and Diploma (Mining & Civil) to learn about the Limestone, Sand stone, Marble, Granite, Manufacturing process of marble, Granite and Sandstone.
- An industrial visit to Gosunda Dam and China clay mineral mines, organized by the Department.



Visit to Clay mines, Chittorgarh.



Visit to SK Mines, Dariba.



Visit to Aditya Birla mines,
Chanderiya, Chittorgarh.



Visit to Gosunda and Vijay Marble
mines, Chittorgarh.

GUEST LECTURE IN THE DEPARTMENT

- The Department conducted guest lecture on 4-11-2015, by Mr. Sameer Arora, Asst. Manager, Aditya Birla Mines, Chittorgarh, Rajasthan.
- The department conducted guest lecture on 13-09-2017, by Mr. Nazrool Islam, Surveyor, Birla Cement, Chanderiya, Rajasthan.
- The department conducted guest lecture on 13-03-2019, by Mr. Nazrool Islam, Surveyor, Birla Cement, Chanderiya, Rajasthan.

CONTD...

- A guest lecture on 1/10/2019, was conducted by the department of Mining, Mr. Hemchandra Das, Project Incharge, Raigarh area, Dhanbad (Mining) gave the lecture on the Basic concepts of mining methods, exploration processes and the importance of mining in today's world.
- A guest lecture was conducted for 10 working days by Mr. Hemant Sukhwal, M.Tech, Ph.D (P), Mining Engg. CTAE, Udaipur, for the students of Diploma and B. Tech Mining Engineering.
- A guest lecture was conducted for the Students of Diploma and B.Tech, Mining Engg., by Krishna Pal Singh and Mr. Deepak Sharma, M. Tech, CTAE, Udaipur.



Guest Lecture conducted by the
Department



FACILITIES

- Megascopic study of the minerals and rocks.
- Microscopic study of rocks and minerals
- Preparation of Geological plans and section.
- Field excursion for practical application of their theoretical knowledge.
- Preparation for Mining related Government examinations , Gas Testing (GT) exams by the faculty members of the department.

Lab facilities in the Department



Lab facilities in the Department



SKILL ENHANCEMENT FOR THE STUDENTS-



Students prepare models for better elaboration of theoretical knowledge.



PLACEMENT



Wolkem INDIA LIMITED
Industrial Minerals for Ceramics



Mine Infotech

Mineral Trading



**HINDUSTAN
COPPER
LIMITED**

(A Govt. of India Enterprise)

Haritsons Mintech
Private Limited

FUTURE PLANNING OF THE DEPARTMENT

- Establishment of well equipped laboratories with different working models of instruments /machineries used in mines.
- To provide maximum practical exposure in Open cast Mines like Aditya Birla, J.K. Cement, Wonder Cement etc., and Underground Mines like- Rampura Agucha Mines, Dariba Mines, Zawar Mines, different Coalfield Limited.
- The department will try hard for MoU with the nearby cement mines so that the students can get the opportunity for their short-term and Internship as well.

THANK YOU