

Circular

**ARKA JAIN**
University
Jharkhand

CIRCULAR

Ref. No.: AJU/CS&IT/118/2024-25

Date: 14.05.2025

This is to inform all students that the Department of Computer Science & Information Technology, School of Engineering & IT, ARKA JAIN University, Jharkhand, is organizing an Industrial Educational visit to the Laboratories and facilities of the Atomic Minerals Directorate (AMD), Regional Directorate, Jamshedpur on 23rd May 2025 from 09:00 AM to 3:00 PM. All interested students are advised to register within the given timeline.

Registration Deadline: On or before 18th May 2025, 3:00 PM.



Dr. Arvind Kumar Pandey

Dean

School of Engineering and IT

ARKA JAIN University, Jharkhand

Dean

School of Engineering & IT

ARKA JAIN University Jharkhand

EDUCATIONAL VISIT IN AMD LAB KHASMAHAL, JAMSHEDPUR

Date of Event	23.05.2025
Name of the Event	Educational Visit in AMD Lab, Khasmahal Jamshedpur
Type of the Event	Skill Development Programme / Outreach Activity
Conducted by	Ms. Divya Paikaray, Mr. Akash Kumar Bhagat, Dr. Arvind Kumar Pandey.
No. Of Participant	25

OBJECTIVE

Objectives of the Educational Visit

1. **To provide practical exposure** to students about the functioning of the Atomic Minerals Directorate (AMD) and its role in India's nuclear mineral exploration and resource management.
2. **To understand the application of computer science and information technology** in geological data analysis, mineral exploration, data processing, and scientific research activities carried out at AMD.
3. **To bridge the gap between theoretical knowledge and real-world applications** by observing how concepts of databases, data analytics, programming, and system management are implemented in a government research organization.
4. **To create awareness about career opportunities** for BCA graduates in government research institutions, public sector units, and interdisciplinary domains involving IT and scientific research.
5. **To promote experiential and industry-oriented learning**, encouraging students to interact with scientists and technical experts to gain insights into professional work culture and research ethics.

DETAILS

A group of 25 students from the BCA and MCA programs visited **AMD Lab, Khasmahal Jamshedpur** on **23rd May 2025** under the School of Engineering & IT. During the visit, **AMD Lab, Khasmahal Jamshedpur** officials conducted interactive sessions highlighting their incubation facilities, technology support services. Students were given an overview of advanced technologies and software tools used for data collection, database management, GIS, modeling, and scientific computing in the atomic minerals sector.

The visit significantly enriched their academic learning with practical insights, and students actively participated in interactive sessions to deepen their understanding of current industry trends, government IT policies, and the entrepreneurial ecosystem. Ms. Divya Paikaray and Mr. Akash Kumar Bhagat, Assistant Professors, Department of CS & IT, and Dr. Arvind Kumar Pandey, Dean and Convenor, School of Engineering & IT, for their effective coordination and support throughout the Educational Visit to **AMD Lab, Khasmahal Jamshedpur**.

TAKEAWAYS

Students gained valuable knowledge about **data security, accuracy, and confidentiality**, which are critical aspects in atomic and national-level scientific organizations. They developed a clearer understanding of how government-supported programs help nurture startups and drive technological advancement. The visit enhanced their awareness of industry expectations, inspire students towards research and innovation, motivating them to pursue higher studies, research projects, or specialized skills relevant to national scientific missions.

Poster of the Event

JGI **ARKA JAIN** **NAAC** **Outlook** **RANKED 3rd** **ISO**
University Jharkhand GRADE A ICARE BANKING 2023 IN "TOP-15 EMERGING PRIVATE UNIVERSITIES IN INDIA" CATEGORY

SCHOOL OF ENGINEERING & IT
DEPARTMENT OF COMPUTER SCIENCE & IT

INDUSTRIAL VISIT TO

ATOMIC MINERALS DIRECTORATE (AMD)

23rd, MAY, 2025

CONVENER : DR. ARVIND KUMAR PANDEY ,
DEAN
SCHOOL OF ENGINEERING & IT

CO-ORDINATORS :
MS. DIVYA PAIKARAY & MR. AKASH KUMAR BHAGAT

Educational visit to AMD Lab, Khasmahal Jamshedpur

Photos of the Event



Photo 1: Educational visit to AMD Lab, Khasmahal Jamshedpur



Photo 2: Educational visit to AMD Lab, Khasmahal, Jamshedpur.

Students' List:

Department of CS & IT		
Participant List		
Industrial Visit to AMD Lab (21.05.2025)		
SL NO	Enrolment No.	Name of the Student
1	AJU/240030	RAHUL KUMAR
2	AJU/240206	NAMITA RAUT
3	AJU/240224	INDRAJEET KUMAR
4	AJU/240537	MD RIYAJUL ISLAM
5	AJU/240713	OM KUMAR
6	AJU/240834	ABHISHEK KUMAR
7	AJU/240993	UJJWAL KUMAR
8	AJU/241299	ANAMIKA KUMARI
9	AJU/241354	DHARMENDRA KUMAR PRAJAPATI
10	AJU/241367	ARJIT PRAKHER
11	AJU/241466	SAMEER KUMAR
12	AJU/241507	DEEPAK SAHU
13	AJU/241534	AKASH KUMAR
14	AJU/241560	SHUBHAM PODDAR
15	AJU/241581	STUTI KUMARI
16	AJU/241928	HARSHIT KUMAR BARANWAL
17	AJU/241996	SWATI KUMARI
18	AJU/242016	URMILA DUTTA
19	AJU/242043	CHANDRIMA BHOWMICK
20	AJU/240022	MUKUND KUMAR
21	AJU/240495	A S MAHALAKSHMI
22	AJU/240346	LEKH RAJ SONI
23	AJU/241154	ADITYAKUMAR CHOUBEY
24	AJU/240832	SHILPI DUTTA
25	AJU/240427	SHREYA SEN
FACULTY NAMES		Mail Id
1	Mr. Akash Kumar Bhagat	akash.b@arkajainuniversity.ac
2	Ms. Divya Paikaray	divya.p@arkajainuniversity.ac.in
 Event Coordinator's Signature		 Dean's Signature Dean School of Engineering & IT ARKA JAIN University Jharkhand

