

DR. AMBEDKAR COLLEGE, DEEKSHABHOOMI NAGPUR

DEPARTMENT OF CHEMISTRY

American Chemical Society International Student Chapter

“Academic Visit to JNARDDC, Nagpur”

Name of Program	: Academic Visit to JNARDDC, Nagpur
Organised by	: PG Department of Chemistry
Under the Aegis of	: American Chemical Society Intl. Student Chapter
Venue of Program	: JNARDDC, Wadi, Nagpur
Date of the Program	: 17.03.2023
No. of Participants	: 35

REPORT

In order to make aware the UG & PG Students with Chemistry as a main Subject and to develop interest and curiosity among students about the advancement, technical aspects and working principle of instruments and the research work ethics and testing of various sample using different parameters in the research laboratory, PG Department of Chemistry, Dr. Ambedkar College, Deekshabhoomi, Nagpur, under the aegis of ACS International Student Chapter, DACN organized Academic Visit to one of the leading and specialized Research Institute “**Jawaharlal Nehru Aluminium Research Development and Design Centre, Nagpur (JNARDDC)**” On 17.3.2023.

JNARDDC, Nagpur is the Aluminium Research Development and Design Centre near Wadi, Nagpur, which is an autonomous body of Ministry of Mines and is registered under Societies Registration Act 1860.

Purpose of the Visit

1. To discuss with the Scientists on the research ideas pertaining to environmental and industrial pollution and their remedies.
2. To understand the working of state-of-the-art instruments being used to study research problems.
3. To understand the opportunities available in JNARDDC for the students completing Post-graduation in Chemistry.
4. To understand overall working of JNARDDC Laboratory.

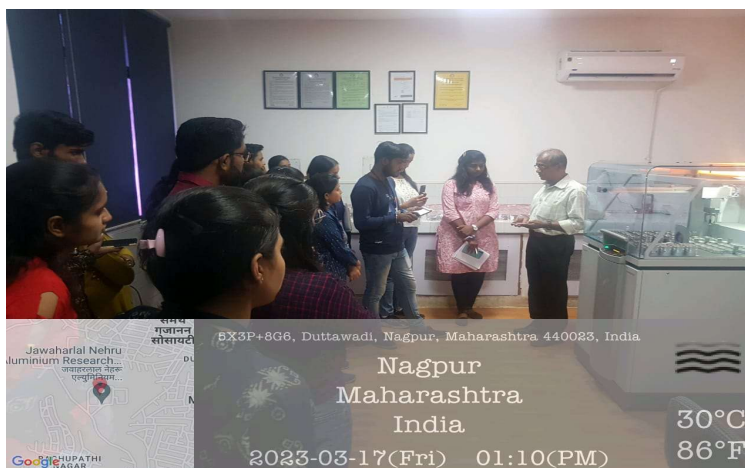
During this visit, Students were shown different methods and techniques used in various division of this laboratory regarding extraction of aluminium and other metals, it's chemical analysis and instrumental characterization by various sophisticated and advanced instruments of high precision. Students learned many new things and have enthusiastically involve in knowing about new techniques and working principle of various

instruments used there for different metals extraction and finding the properties and purity of metals.

List of some of the instruments are as follows:

1. Gas Chromatography-Mass Spectrophotometer (GC-MS) instrument
2. X Ray Diffractometer (XRD) instrument
3. Ultra-High Pressure Liquid Chromatography (Ultra HPLC) instrument
4. Blast furnace
5. Scanning Electron Microscope (SEM) analyser
6. UV-Visible coupled Near Infra-Red spectrophotometer

The Visit was organized under the guidance of Prof. Dr. (Mrs.) Deepa Y. Panhekar, Head & PG Co-ordinator, Department of Chemistry, and Faculty Advisor, ACS Intl. Student Chapter, DACN. Faculty members Dr. R. C. Sawant and Mr. Parag Panse accompanied students during the visit.





5X3P+8G6, Duttawadi, Nagpur, Maharashtra 440023, India

Nagpur
Maharashtra
India

2023-03-17(Fri) 01:44(PM)

31°C
88°F



Unnamed Road, Duttawadi, Nagpur, Maharashtra 440023, India

Nagpur
Maharashtra
India

2023-03-17(Fri) 02:54(PM)

32°C
90°F

Student List

SN	Student Names
1	Vrushali Santosh Khadatkar
2	Pragati Pundlik Meshram
3	Anuj Manoj Jain
4	Ritu Bhimrao Patle
5	Apurva Palkeshwar Titarmare
6	Anjali Anil Sontakke
7	Trupti Vilas Chamat
8	Khushboo Dattaraj Warthe
9	Anjali Arun Bagade
10	Anisha Chandrashekhar Rokade
11	Ravindra Madhukarrao Kharabe
12	Kunal Vijayrao Choudhary
13	Srushti Vijay Wandhare
14	Gouri Gajendra Muley
15	Pallavi Vasantaro Helonde
16	Pooja Vijay Panurkar
17	Adinath Jayant Jichkar
18	Pooja Ramkrushna Borikar
19	Sonal Babarao Domkawle
20	Reshma Mahendra Bahekar
21	Samreen Raju Zade
16	Aqlima Khayyam Kausar
17	Mayuri Diliprao Shingarwade
18	Neha Jagdish Kawathe
19	Swati Sitaram Chavhan
20	Aadesh J Jarhaye
21	Aashlesha P Buty
22	Abhas Dpakhale
23	Aditya Baban Gharde
24	Akanksha P Gadge
25	Aman Bechan Yadav
26	Amar D Khurpade
27	Ambarish C Parkhi
28	Angelina D Francis
29	Aniket W Meshram
30	Aniruddha Zodape
31	Anjali Arun Mishra
32	Apeksha M Reddy
33	Arpita A Sakharkar
34	Ashutosh Singh
35	Ashwin Sunil Barde
36	Asmita Raju Ramteke

Ashwin Barde