



**Dr. S. & S. S. Gandhi College of
Engineering & Technology, Surat**

METALLURGY DEPARTMENT

**CO-CURRICULAR
&
EXTRA-CURRICULAR
ACTIVITIES**



**Year
2022-2023**

LIST OF ACTIVITIES

Year – 2022-2023

SR. NO.	NAME OF ACTIVITY	DATE
1	International Yoga Day Celebration	21/06/2022
2	Expert Talk on “Future of Metallurgy in Steel Industries”	05/08/2022
3	Har Ghar Tiranga	12/08/2022
4	Expert Talk on “Mock GD & Interview	03/09/2022
5	Orientation Program 2022	23/09/2022
6	Industrial Visit at Aadhya Engineering Services, Makarpura, Vadodara	03/10/2022
7	Industrial Visit at Indus University	05/01/2023
8	Sahid Din Celebration	30/0/2023
9	Seminar on Additive Manufacturing: A Step towards the Future of Manufacturing”	24/03/2023
10	Industrial Visit at JMT India Inc., Surat	20/04/2023
11	Expert Lecture on Importance of Mechanical Testing throughout Product Lifecycle”	24/04/2023
12	Industrial Visit at “Elecon Engineering Company Ltd., Vallabh Vidyanagar”	14/06/2023

INTERNATIONAL YOGA DAY CELEBRATION

Date: 21/06/2022

Under the Aazadi ka Amrut Mahotsav celebrations, the International Yoga Day was arranged on June 21, 2022. A total of 9 staff and many students enthusiastically participated in the event. Nidhi Goyal and Mr. Askhand, certified yoga instructors from the Art of Living, guided the participants in practicing yoga.



EXPERT TALK ON “FUTURE OF METALLURGY IN STEEL INDUSTRIES”

Date: 05/08/2022

On August 5, 2022, the metallurgy department hosted an expert talk titled "Future of Metallurgy in Steel Industries," delivered by alumni Mr. Birju Kajiwala, Lead Welding Engineer at Petrofac International (UAE) LLC, and Mr. Vimarsh Jariwala, Operations Manager at AMNS, Surat. This enlightening session was attended by 14 final-year students. Both speakers shared valuable insights into the evolving landscape of metallurgy within the steel industry, providing students with valuable perspectives on potential career paths and emerging opportunities. The talk served as a platform for students to gain industry-specific knowledge and guidance from accomplished professionals in the field.



HAR GHAR TIRANGA

Date: 12/08/2022

As part of the Azadi ka Amrut Mahotsav celebrations, the Metallurgy department organized the "Har Ghar Tiranga" program on 12/08/2022. All staff members and a total of 14 students enthusiastically participated in this event, which aimed to foster patriotic fervor and unity among the department community.



EXPERT TALK ON “MOCK GD & INTERVIEW”

Date: 03/09/2022

On September 3, 2022, an expert talk on "Mock GD & Interview" was conducted by Mr. Bhavesh Rana, an Engineer at L & T, Hazira, Surat. Fourteen final-year students attended this session. During the event, Mr. Bhavesh Rana, along with Metallurgy staff members, conducted mock group discussions and interviews for all students. This initiative aimed to prepare students for the challenges of group discussions and interviews commonly encountered during job placements. The interactive session provided valuable insights and practical experience to enhance students' confidence and readiness for their future career endeavours.





ORIENTATION PROGRAM 2022

Date: 23/09/2022

The Metallurgy department conducted the "Orientation Program 2022" for first-year students on 23/09/2022. All staff members and a total of 40 students participated in this comprehensive event. The program aimed to familiarize first-year students with the metallurgy branch, its subjects, outcome-based education, and career opportunities in the field. Additionally, students were given a tour of the metallurgy department's classrooms, laboratories, and other facilities, as well as a general tour of the college campus.



INDUSTRIAL VISIT AT AADHYA ENGINEERING SERVICES, VADODARA

Date: 03/10/2022

Metallurgy department had arranged industrial visit for 5th semester students in "Aadhy Engineering Services, Makarpura, Vadodara" on 03/10/2022. 14 students of 5th semester visited this company. Faculty member Mr. S. F. Parmar accompanied and guided the students throughout the visit.



INDUSTRIAL VISIT AT INDUS UNIVERSITY, AHMEDABAD

Date: 05/01/2023

The metallurgy department arranged a visit to the Metallurgical & Materials Engineering Department at "Indus University", Ahmedabad on 05/01/2023. The visit was exclusively organized for the 3rd and 5th semester diploma students, providing them with an opportunity to explore and gain insights into the department's facilities and resources. A total of 32 students participated in the visit, accompanied by two dedicated faculty members, Ms. Sonam M. Patel, and Mr. Ravi D. Dave. The visit aimed to broaden the students' understanding of mineral processing by exposing them to practical applications and fostering an interactive learning environment.



SAHID DIN CELEBRATION

Date: 30/01/2023

Our college celebrated Shahid Din in the honor of our brave martyrs who have laid down their lives for the country. Every year on 30th January, India celebrates Martyrs' Day or Shaheed Diwas. The day has been chosen to honour our brave martyrs who have laid down their lives for the country. A two-minute silence in memory of Indian martyrs is observed throughout the country. All Staff members of metallurgy department and students were present for two-minute silence in memory of Indian martyrs.



SEMINAR ON "ADDITIVE MANUFACTURING: A STEP TOWARDS THE FUTURE of Manufacturing"

Date: 24/03/2023

The Metallurgy Department, organized a seminar on "Additive Manufacturing: A Step towards the Future of Manufacturing" on 24/03/2023. With an impressive turnout of 65 participants, including 08 staff members and esteemed guests, the event proved to be a resounding success. Dr. Jaykumar J. Vora, Assistant Professor of PDEU, Gandhinagar, delivered an insightful and engaging lecture, shedding light on the transformative potential of additive manufacturing in the field of manufacturing. The seminar provided an excellent platform for knowledge sharing and served as a testament to the college's commitment to staying at the forefront of emerging technologies.



INDUSTRIAL VISIT AT JMT INDIA INC., SURAT

Date: 20/04/2023

The metallurgy department facilitated a visit to "JMT India Inc." located in Sachin, Surat on 20/04/2023. The visit was exclusively organized for the 4th semester diploma students, accompanied by Mr. Suresh Parmar, a dedicated faculty member. During the visit, the 25 students were exposed to various aspects of metal casting, including the process itself, pattern and mold making, testing, and finishing operations. This first-hand experience provided the students with valuable insights into the practical application of metallurgical principles, bridging the gap between theory and practice. The visit proved instrumental in enhancing their understanding of metal casting techniques and highlighted the importance of quality control measures.



Expert Lecture - " Importance of Mechanical Testing throughout Product Lifecycle"

Date: 24/04/2023

An expert lecture on "Importance of Mechanical Testing throughout Product Lifecycle" was organized by the department on 24/04/2023. The event garnered great interest, attracting an audience of 57 students and 08 staff members. Mr. Kush Shaligram, a renowned Quality Engineer from Schaeffler India Ltd., Vadodara, delivered an enlightening lecture on the topic. With his expertise and industry insights, Mr. Shaligram emphasized the crucial role of mechanical testing at various stages of the product lifecycle. The lecture provided valuable knowledge and real-world perspectives, empowering the attendees with a deeper understanding of the subject matter. The successful event showcased the college's dedication to offering comprehensive learning experiences to its students.



INDUSTRIAL VISIT AT "ELECON ENGINEERING COMPANY LTD., VALLABH VIDYANAGAR"

Date: 14/06/2023

An industrial visit organized at "Elecon Engineering Company Ltd." Located in Vallabh Vidyanagar, Gujarat on 14/06/2023. This visit was specifically arranged for the 4th semester students, with the accompaniment of two faculty members, Ms. Sonam M. Patel, and Mr. Ravi D. Dave. A total of 24 students enthusiastically participated in the visit, which provided them within valuable insights into various aspects of Metal Casting Processes, encompassing pattern and mold making, testing, finishing operations, as well as carburizing, nitriding, and other heat treatment processes. This practical experience further enhanced their

understanding of metallurgical processes and their significance in achieving desired material properties.

