Industrial Visit

Lokmanya Tilak Jankalyan Shikshan Sanstha's
PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
Affiliated to R.T.M.Nagpur University
Near CRPF Campus, Hingna Road, Nagpur-440 019, Maharashtra (India)

AICTE ID No. 5435581 : DTE code No. 4123 : University Code No. 278
Department of Computer Science and Engineering

Organized by: Department of Computer Science & Engineering

Event: Field Visit CSIR-NEERI, Nagpur

Date: 04/10/2024

Sem/Section : III (A and B section)

Field Visit : CSIR-NEERI, Nagpur

Participants: 120 students ,4 Faculties

Event Coordinator: Dr.Vijaya P Balpande Associate Professor

Purpose/Objective:

The industrial visit to CSIR-NEERI, Nagpur, organized by the DepartmentofComputer Science and Engineering, aimed to provide students with hands-on exposure to the environmental engineering projects at NEERI.To get hands-on experience with real-world environmental engineering projects.To learn how technology is used to protect andpreservetheenvironment.To discover creative and effective solutions for managing pollution, improving sanitation, and handling waste.

Observations:

During the visit, the following key projects and technologies were demonstrated:

Solid and Hazardous Waste Management: Focus on bio-methanation and waste-to-energy innovations.

Dry Toilet Project: Demonstration of water-efficient sanitation solutions for water-scarce regions.

Air Pollution Control: Use of advanced air quality monitoring systems and drones form data collection.

Water Purification Technologies: Introduction to cost-effective filtration systems.

Environmental Impact Assessments (EIA): Explanation of the process for assessing the environmental impacts of industrial projects.

Findings: The students gained valuable insights into how innovative technologies are being used to address environmental challenges. They also learned about the integration of technology with environmental sustainability to create practical solutions to pollution and waste management issues.

Conclusion: The visit to CSIR-NEERI provided a comprehensive understanding of howtechnologycanbeleveraged to solve environmental problems. The real-world applications

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of various technologies left a lasting impact on the students, emphasizing the importance of technology in addressing environmental sustainability.

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Organized by: Computer Science & Engineering Department
Industry Visited: Softsense Technoserve Pvt. Ltd. Nagpur
Dated: 28/08/2024
No. of Students Visited: 20 Students
Faculty Accompanied: Dr. Leena Patil
　　　　　　　　 Prof. Virendra Yadav
　　　　　　　　 Prof. Prasant Govardhan
　　　　　　　　 Prof. Himanshu Taiwade

Industry Profile: SoftSense is a leading IT education organization in India from the last 20 years, well-known for its quality, academic facilities, career guidance, and placement support to its students.As an ISO 9001:2015 certified organization, SoftSense established the nation's first Cyberange Lab in 2018 at Nagpur.Information Sharing and Analysis Center is an International cybersecurity non-profit foundation.

Aim and Objective of industrial visit:

1. To make the students interact with actual industry persons.
2. To aware students about Cyber Security Challenges and Opportunities
3. To make them aware of the industrial procedures required to enter in any company.
4. To experience the working environment in industry and visualize all the important departments in the Industry.
5. Interaction of students with the peoples of all important departments.
6. To prepare the students for the selection of career path in different departments of industry.

Program Outcome Covered:

1. It gives the students an exposure to current work practices as opposed to theoretical knowledge being taught at their college classrooms.
2. It expands the knowledge and culture of cybersecurity and safety, especially in students' lives.
3. It provides information about the importance of basics of information security to enter the cybersecurity field.
4. Industrial visits grant the students a great opportunity to interact with industries and know more about the industrial environment.
5. The practical knowledge of how a business can be started and what are the real life challenges being faced can only be learnt through having practical experience from industrial visits.

Outcome and Conclusion: This visit was very informative & interesting for our students. They cleared all doubts about actual project development & latest technologies in Cyber

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Security. We hope to get more chances to have such informative & wonderful experiences of visiting different industries. The students of Computer Engineering and Engineering and all the four staff members have enjoyed the technical endeavor at the company a lot. The company personnel also appreciated our students after the question answer sessions.

Glimpses of Visit:

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Event: One day visit to Indian Institute of Management (IIM), Nagpur

Date: 12-07-2024

Sem/Section : VII Sem

Venue: IIM Nagpur

Participants: A group of 6 students

Event Coordinator: Dr. P. M. Chaudhari, Associate Professor, CSE Deptt.

Objectives:

1. Exposure to Management Education: To provide students with an understanding of management education and its importance in the tech industry.

2. Industry-Academia Interaction: To facilitate interaction between engineering students and management faculty/students, fostering a better understanding of how management principles can be applied in engineering fields.

3. Entrepreneurial Insight: To expose students to entrepreneurial thinking and innovation, encouraging them to consider start-up ventures or leadership roles in tech companies.

4. Skill Development: To enhance students' soft skills, such as leadership, communication, and teamwork, which are essential for successful careers.

5. Networking Opportunities: To provide students with networking opportunities with peers, faculty, and industry professionals.

Outcomes:

1. Enhanced Knowledge: Students gain a broader understanding of management concepts and their relevance to engineering.

2. Improved Soft Skills: Exposure to various workshops and seminars helps students develop essential soft skills.

3. Innovative Thinking: Interaction with IIM faculty and students can inspire innovative thinking and problem-solving approaches.

4. Career Guidance: Insights into potential career paths that combine engineering and management, including roles in project management, consulting, and entrepreneurship.

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5. Networking: Establishment of valuable connections with management professionals and peers, which can be beneficial for future career opportunities.

In conclusion, this visit aimed to bridge the gap between engineering and management education, providing students with a well-rounded perspective that can enhance their career prospects.

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Title of the Activity: Visit to Incubation Center

Date & Time : 30/07/2024

Semester/Section: VII SEM

No. of students attended: 107

Objective: A visit to an incubation center provides students with exposure to entrepreneurial activities, innovation processes, and the ecosystem supporting startups and new ventures. It aims to inspire and educate students on entrepreneurship, innovation, and the practical aspects of starting and running a business.

Outcome: Students obtained a clear understanding of entrepreneurship, the startup ecosystem, and the role of incubation centers.

They will learn about the stages of startup development, from ideation to market entry

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Title of the Activity: Visit to Comp-Ex '24.

Date & Time :25th Jan 2024 at 3.00 pm onwards.

Venue : Reshimbagh Ground ,Raje Raghuji Nagar, Nagpur,.

Semester/Section: VI SEMESTER CSE

No. of students attended: 19

Brief Description of Activity:

The students of the CSE department visited Comp-Ex '24 on 25th January 2024. Comp-Ex 24 is a renowned computer expo in the Vidarbha region, to gain insights into the latest developments, innovations, and trends in the field of technology. COMP-EX 2024, the 30th edition organized by VCMDWA, promises to showcase the latest IT advancements in Central India at Reshimbagh Ground from January 25 to 28, from 12:00 p.m. to 9:00 p.m. This larger-than-ever IT Expo featured over 200 brands, with top IT participants offering various products and services

Throughout the visit, the student actively engaged with industry professionals, exhibitors, and fellow attendees.The student had the opportunity to witness firsthand the demonstration of cutting-edge technologies.

One of the highlights of the visit was the opportunity to engage in hands-on demonstrations of various technologies. The student actively participated in experimenting with electronic devices, cameras, printers etc. These experiences enhanced the student's understanding of theoretical concepts and sparked creativity in exploring practical applications.

Outcome:
The student's visit to Comp-Ex proved to be an enriching and enlightening experience, offering valuable insights into the forefront of technological innovation. The exposure to cutting-edge technologies, educational seminars, networking opportunities, and hands-on demonstrations has undoubtedly contributed to the student's personal and professional growth in the field of technology.

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Industry Visited: *Global Logic, A hitachi Group Company, Nagpur*

Dated: 10/04/2023

No. of Students Visited: 33 Students

Faculty Accompanied: Dr. Leena Patil

                 Prof. Prasant Govardhan

                 Prof. Ruapli Saha

Industry Profile: GlobalLogic, a Hitachi Group Company, is a leader in digital product engineering. They help their clients design and build innovative products, platforms, and digital experiences for the modern world. By integrating their strategic design, complex engineering, and vertical industry expertise with Hitachi's Operating Technology and Information Technology capabilities, They also help their clients imagine what's possible and accelerate their transition into tomorrow's digital businesses. Headquartered in Silicon Valley, GlobalLogic operates design studios and engineering centers around the world, extending their deep expertise to customers in the automotive, communications, financial services, healthcare & life sciences, media and entertainment, manufacturing, semiconductor, and technology industries.

Aim and Objective of industrial visit:

1. To make the students interact with actual industry persons.
2. To make them aware of the industrial procedures required to enter in any company.
3. To experience the working environment in industry and visualize all the important departments in the Industry.
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Outcome Covered:

1. It gives the students an exposure to current work practices as opposed to theoretical knowledge being taught at their college classrooms.
2. Industrial visits grant the students a great opportunity to interact with industries and know more about industrial environment.

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3. The practical knowledge of how a business can be started and what are the real life challenges being faced can only be learnt through having practical experience from industrial visits.

Conclusion: This visit was very informative & interesting for our students. They cleared all doubts about actual project development & latest technologies in the Computer Sector. We hope to get more chances to have such an informative & wonderful experience of visiting different industries. The students of Computer Engineering and Engineering and all the three staff members have enjoyed the technical endeavor at the company a lot. The company personnel also appreciated our students after the question answer sessions.

Glimpses of Visit:

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Industry Visited: "Visit To Webroid Edutech "

Dated: 27.03.2023

No. of Students Visited: 75

Faculty Accompanied: Prof. Virendra Yadav,Assistant Professor

Objectives:

To provide participants with insights into unique training and development that not only knowledge but also practice outcome-oriented skills and non-academic training solutions to trainees to meet the ever changing employment needs.

Outcome:

Provide hands-on exposure to their core area in software development,IoT and robotics, offering students a closer look at industry leading tools,technologies and processes.The visit was a fantastic opportunity for students to engage with their experienced professionals,get inspired and learn about real world applications in tech innovation.

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Title of the Activity: Visit to ISC-2023.

Name of the Faculty/Coordinator/ Resource persons: Prof. Namrata Khade, Prof. Rajshri Pote, Prof. Rupali saha

Date: 06/01/2023
Number of Students Involved: IInd year - 85
Brief Description of Activity:

Indian Science Congress is the largest gathering of scientists and students in the country and it was hosted by Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) at its Amravati Road Campus, Nagpur and it is held from January 3 -7, 2023.

Thus in view of the 108th Indian Science Congress Nagpur, India, the Students of second Year CSE department visited the venue on 6th Jan 2023 along with faculties from CSE department.

Outcome: Students gained so much knowledge from 108th ISC platform that brings together and displays hundreds of new ideas, innovations, and products covering the entire canvas of the scientific world. The expo signifies the strengths and achievements of the government, corporate, PSUs, academic and R&D institutes, innovators, and entrepreneurs from all across the country.

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Organized by: CSE Department, INDUSTRY INSTITUTE INTERACTION CELL

Participated By: CSE Students of PCE, Nagpur

Date: 30.03.2022

Event: Industrial Visit to InfoCept

An Industrial visit was arranged at InfoCept, Mihan, Nagpur. Ms. Kalyani M, a senior executive, Talent Acquisition, InfoCept along with her colleagues Mr. Jay Padwekar and Hrishikesh Deopujari escorted the students. The CEO of the company and other officials have given presentations to students regarding the culture and type of projects InfoCept handles.

Purpose: Identification of various trending technologies in the market and introduction regarding the placement procedure of IT companies in general and InfoCept in particular.

Faculty In-charge: Dr. Nilesh Shelke