

# **Report on Industrial Visit**

Industrial Visit: Vision Robotics India Pvt Ltd, Gurugram

Date: March 14, 2024

Organizer: Career Crafters, Maharaja Agrasen Institute of Technology (MAIT)

## **Attendees:**

- 31 AIML students from EEE and ME branches
- Faculty Teachers: Ms. Monika Bhardwaj and Ms. Ayushi Aggarwal

## **Introduction:**

Career Crafters, a society of Maharaja Agrasen Institute of Technology (MAIT), organized an insightful industrial visit to Vision Robotics on March 14, 2024. Vision Robotics is renowned for its production of personalized industrial robots. The visit aimed to provide students with practical exposure to robotics manufacturing processes and technologies.

## **Highlights:**

The visit commenced with a warm welcome from Mr. Lalitesh Kumar Singh, the CEO of Vision Robotics. Mr. Singh, being an industry expert, shared valuable insights into the realm of robotics, elucidating the significance of personalized industrial robots in contemporary manufacturing.

## **Interactive Session:**

The interactive session led by Mr. Lalitesh Kumar Singh proved to be highly engaging and informative. Students had the opportunity to delve into various aspects of robotics manufacturing, including design, assembly, programming, and applications in different industries. Mr. Singh's expertise and passion for robotics resonated well with the attendees, fostering a conducive learning environment.

## **Guided Tour:**

Following the session, students were given a guided tour of the manufacturing unit. They witnessed firsthand the intricate processes involved in the fabrication of industrial robots. From precision engineering to quality control measures, every stage of production was meticulously showcased, providing students with a comprehensive understanding of the manufacturing workflow.

### **Interactive Demonstrations:**

Moreover, the visit encompassed interactive demonstrations wherein students had hands-on experiences with different robotic systems. They were able to explore the functionalities of various robots and gain practical insights into their operation and programming. These demonstrations not only reinforced theoretical concepts but also sparked creativity and innovation among the students.

### **Faculty Accompaniment:**

The presence of faculty teachers, Ms. Monika Bhardwaj and Ms. Ayushi Aggarwal, from MAIT greatly enhanced the learning experience. Their guidance and supervision ensured that students maximized their learning potential and derived the utmost benefit from the visit.

### **Conclusion:**

In conclusion, the industrial visit to Vision Robotics proved to be a resounding success. It provided students with a unique opportunity to bridge the gap between theoretical knowledge and real-world application in the field of robotics. The insights gained and experiences garnered during the visit will undoubtedly serve as a cornerstone in the academic and professional journey of the attendees.

### **Acknowledgment:**

We extend our sincere gratitude to Mr. Lalitesh Kumar Singh and the entire team at Vision Robotics for their hospitality and invaluable contributions towards making this visit a memorable and enriching experience for all.







