A Report on Industrial Visit to "Tresa, Bengaluru"
Organized by Department of Computer Science Engineering (Data Science)
on 12.05.2026

Report Submitted by Dr.M Kiran Kumar, Assistant Professor, Department of CSE-DS; Mrs. Vidhyashree B, Assistant Professor, Department of CSE-DS.
Participants: I Year DS Students; Attendance: 46 Students
Report Received on 13.05.2026
Mode of Conduct: Offline
Department of Computer Science & Engineering (Data Science) has organized a one-day industrial visit to Tresa, Bengaluru on 12.05.2026 (Tuesday). The company has permitted only 46 students.

Objective:
The aim of this visit is that students have to get aware of company environment, working culture, meant to know the opportunities available with IT sector and prepare the students to meet the requirements of the IT industry.

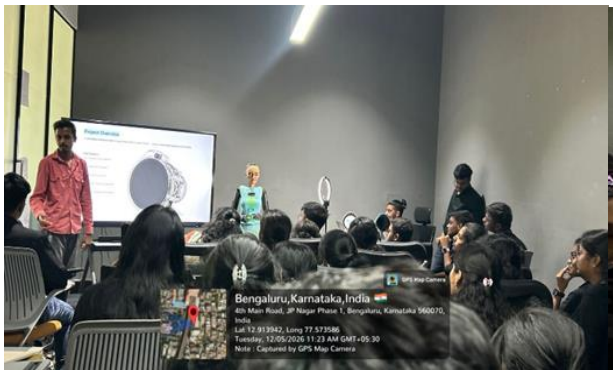
Schedule:
The travel started exactly at 6:00 am from our college campus in our college bus accompanying 46 students, after a traditional puja. The students were coordinated by Dr.M Kiran Kumar and Mrs Vidhyashree B from CSE(Data Science) department, We reached the company around 10:30 am and proceeded to registration to avail the pass. The industrial visit ended around 2:00pm, and started back and reached college campus by 7:00 pm.

Campus Engagement Program:
The first-year students of the Department of Data Science at Madanapalle Institute of Technology & Science had an enriching industrial visit to Tresa Motors (Machani Robotics) today. A total of 46 students participated in the visit along with faculty coordinators Dr. M. Kiran Kumar and Vidhyashree,B Assistant Professors, Department of Data Science.

During the visit, the robotics team explained the complete process of robot development, including the technologies used, real-time industrial applications, and the challenges involved in building robotic systems. The experts provided detailed

insights starting from the scratch level, helping students understand the fundamentals of robotics engineering and advanced automation technologies.

The students also visited the manufacturing unit, where they observed how robotic components and parts are designed and assembled. Mr. Manoj, Senior Robotics Engineer, demonstrated the complexity involved in manufacturing robotic parts and explained the precision, planning, and technical expertise required in the robotics industry.



One of the major attractions of the visit was the interaction with humanoid robots. Students actively interacted with the humanoid robotic systems and learned about their working mechanisms, movement control, sensors, and AI-based functionalities. The live demonstrations created great excitement among the students and enhanced their interest in robotics and artificial intelligence.

The session was highly interactive and informative, giving students practical exposure to emerging technologies and industrial working environments. The visit helped students gain valuable knowledge about robotics, innovation, and future career opportunities in automation and artificial intelligence.

Questionnaire Session:

Take away from the visit:

- Students understood the company expectations
- Students observed the real time working culture and enjoyed the infrastructure
- Students got an idea on how to prepare themselves to build their career on AI.

Students and faculty coordinators expressed their special thanks and gratitude to HoD Dr S Kusuma and Principal Dr.P. Ramanathan and Management for the permission and support for this memorable industrial visit.

Newspaper Clips:

ABN ఆంధ్రజ్యోతి

సాంకేతిక నైపుణ్యంపై అవగాహన

ట్రైసా మోటర్స్ సంస్థ వద్ద మిట్స్ విద్యార్థులు

కురబలకోట, మే 12(ఆంధ్రజ్యోతి): విద్యార్థులు సాంకేతిక నైపుణ్యాలను మెరుగుపరచుకోవాలని వీసీ సి.యువరాజ్ పేర్కొన్నారు. అంగళ్లు సమీపంలోని డీమ్డ్ టు బి మిట్స్ యూనివర్సిటీ డేటా సైన్స్ విభాగానికి చెందిన మొదటి సంవత్సర విద్యార్థులు బెంగళూరులోని ట్రైసా మోటర్స్ సంస్థను సందర్శించారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ ప్రదానంగా విద్యార్థులు పరిశ్రమలు, రోబోటిక్స్ నిపుణులు రోబోట్ల రూపకల్పన, తయారీ కంపెనీలలో జరిగే అంశాలపై విద్యార్థులకు అవగాహన కల్పించారన్నారు. నిజజీవితంలో టెక్నాలజీని ఎలా వినియోగించుకోవాలి, వాటి వలన కలిగే ప్రయోజనాలు తదితర వాటిని కంపెనీ ప్రతినిధులు తెలియజేశారన్నారు. ప్రదానంగా కృత్రిమ మేధస్సు, ఆటోమెషిన్, రోబోటిక్స్ రంగాలలో నైపుణ్యాలను మెరుగుపరచుకోవాలన్నారు. ఈ రంగంలో రాణిస్తే మెరుగైన ఉద్యోగవకాశాలు ఉన్నాయని, ఈ రంగంలో నూతన పరిశోధనలు చేపట్టి విజయాలను సాధించాలన్నారు. కార్యక్రమంలో మనోజ్, కిరణ్, విద్యాశ్రీ తదితరులు పాల్గొన్నారు.

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