



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(An Autonomous Institution since 2010)

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Report on one day industrial visit

to

"MSME technology Centre Visakhapatnam"

Event Type	: Industrial visit
Date	: 26th October 2024
Time	: 11:30 AM - 5:00 PM
Place of visit	: MSME technology Centre Visakhapatnam
Organized by	: Department of Computer Science and Engineering, LBRCE.
Faculty accompanied	: Dr. J. Nageswara Rao, Mr. A. S. R. C. Murthy, Mr. N. V. Naik, Mrs. B. Swathi, Mr. A. Gopi Suresh, Mrs. G. V. Rajyalakshmi, Mrs. B. Usha Rani, Mrs. M. Gayathri
Total no. of Students visited	: 181

Description:

The industrial visit began with 181 students and 8 faculty coordinators departing from the college campus at 4:45 am in four traveller buses, reaching the destination by 11:30 am. Upon arrival, the resource person, Prof. **Dr. K. Murali Krishna** (Head of Department (HoD), Mechatronics MSME Technology Centre, Visakhapatnam,) provided a brief overview of innovative industry technologies, including AI, IoT, and robotics. After the presentation, the students took a break for lunch. In the afternoon, they visited workshops and production centres in groups, where they observed various advanced machines such as conventional surface grinding machines, three CNC cylindrical grinding machines, die sinking, and EDM wire cutting machines.

Objective of industrial visit

The main objective of this industrial visit is to provide students with experience of industry-standard technologies and practices in real-world applications, especially in sectors that utilize advanced software solutions. Particularly in technology adoption, innovation, and automation, and how technology can address these issues.

Outcome of industrial visit

Industrial visits can provide students with both technical insights and practical experience, and understanding of how their skills can be applied in business environments.

- The purpose of this visit was to gain insights into the operations of MSME Technologies.
- The objectives included understanding the technological advancements available for MSME's and their impact on local industries.
- Got practical knowledge about the advancement in technology of machines.
- Use of programming in the field of Mechanical engineering.
- Information on different parts & use of CNC machines with multiple cutting tools.

Impact analysis

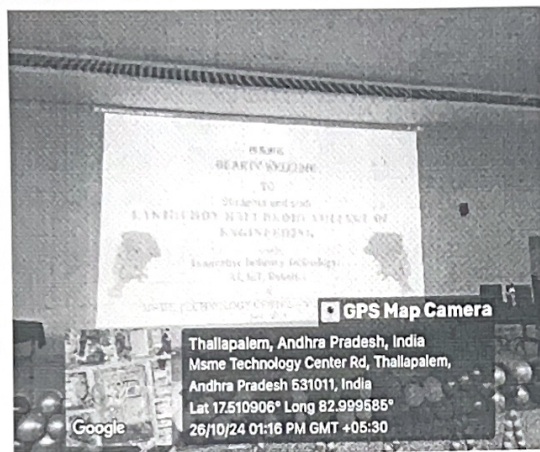
After visiting MSME implemented students got awareness on how Artificial Intelligence, Machine learning technologies and IoT devices are being used in real time and how technologies are being implemented in industries.

Company Profile

MSME Technology Centre, Visakhapatnam is the premium skill development centre established through the Ministry of Micro, Small and Medium Enterprises, Govt. of India under the auspices of World Bank. The primary objective of the TC is to provide the world-class education, skill development training and conduct innovation research at the interface of multiple disciplines to create high quality human resources in disciplinary and interdisciplinary areas of Engineering Technologies.



Before departure



Faculty and students at the venue while introducing the resource person Prof. Dr. K. Murali Krishna HOD of Mechatronics MSME Technology Centre



II B Tech CSE Students group photo at MSME technologies

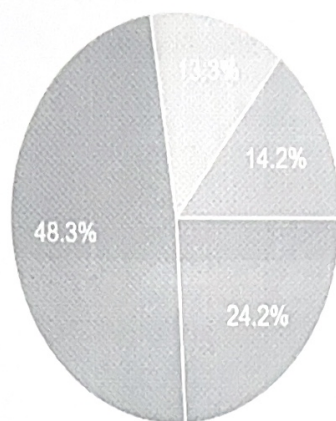


Faculty at MSME technologies explaining students about functionalities of various machinery

Feedback from the students

How would you rate your overall experience during the industrial visit?

120 responses



- Excellent
- Good
- Fair
- poor

Dr. D. Veeraiah

(Head of the Department)