

VASAVI COLLEGE OF ENGINEERING(A)

9-5-81, Ibrahimbagh, Hyderabad, Telangana 500031, India



INDUSTRIAL VISIT REPORT

Company Visited: Avishkar Industries Pvt. Ltd.

Visit Date:19-11-2025

Organized By: Department of Mechanical Engineering,
Vasavi College of Engineering(A)

1. Introduction

As part of the academic requirement to bridge theoretical concepts with real-world industrial practices, our department organized an educational industrial visit to Avishkar Industries Pvt. Ltd. The company is known for its precision engineering, high-quality industrial manufacturing, and ISO-certified production standards. The visit provided valuable exposure to modern manufacturing processes, quality-control techniques, and industrial workflow management.

2. Objectives of the Visit

The main objectives of the industrial visit were:

- ☐ To understand real-time industrial production processes.
- ☐ To observe how modern machinery, automation, and engineering principles are applied in manufacturing.
- ☐ To gain insights into quality assurance and safety standards in an ISO-certified company.
- ☐ To interact with industry professionals and understand industrial career opportunities.

3. Company Overview

Avishkar Industries Pvt. Ltd. is an industry-leading manufacturing company specializing in:

- ☐ Precision-engineered components
- ☐ Fabrication and industrial assemblies
- ☐ Customized production solutions
- ☐ ISO-certified quality control, ensuring reliability and efficiency

The company follows advanced manufacturing methodologies, including CNC machining, automated processes, material testing, and structured production planning.

The managing director / key person is Mr. Sanjay Kabra.

Specializes in Bulk Material Handling Equipment: design, fabrication, and turnkey delivery.

Key products include:

- ☐ Belt Conveyors
- ☐ Conveyor components (like idlers, frames)
- ☐ Pulleys (drive pulleys, tail pulleys)
- ☐ Flap gates, chute conveyors, other structural and bulk-handling parts.

Engineering & Manufacturing Capabilities

- ☐ Heavy Structural Fabrication: The company has capability for large-scale steel structures and frames, which are critical in material handling (e.g. conveyor support frames).
- ☐ Turnkey Project Execution: From design → fabrication → erection → commissioning.
- ☐ Machinery: According to their manufacturing page, they produce / work with:
 - o Pipe facing machines (for weld preparation)
 - o Shearing machines (for cutting metal plates)
 - o Automatic horizontal bandsaws (for cutting metal bars / structural profiles)
 - o Pulleys and Idlers: Their production includes pulleys for V-belts, conveyor idlers, etc.

4. Visit Observations

a. Orientation Session

- ☐ Representatives explained the company's background, manufacturing capabilities, and quality requirements.

b. Manufacturing Unit Tour

- ☐ Students observed:
 - ☐ Raw material handling
 - ☐ CNC machining & fabrication operations
 - ☐ Assembly line processes
 - ☐ Automated quality-testing systems
 - Final inspection and product packaging

c. Quality Control Department

- ☐ Engineers explained:
 - ☐ ISO documentation
 - ☐ Inspection methods

- ☐ Material testing
- ☐ SOPs (Standard Operating Procedures)

d. Safety Systems

- ☐ The plant demonstrated:
 - ☐ Mandatory PPE usage
 - ☐ Fire and emergency safety systems
 - ☐ Machine safety protocols
- ☐ Waste management procedures

e. Interaction Session

- ☐ Students interacted with engineers and technicians regarding:
 - ☐ Industrial career paths
 - ☐ Required skills
 - ☐ Technological advancements

Interaction with Industry Experts

The team from AvisHkar Industries explained:

- ☐ The skill sets required for mechanical and industrial engineering roles
- ☐ Challenges in manufacturing and supply chain
- ☐ Importance of precision engineering in modern industries
- ☐ Career opportunities and industrial expectations from fresh graduates

The Q&A session helped students clear doubts and relate academic concepts to real-world applications

Learning Outcomes

Students gained:

- ☐ Practical understanding of industrial manufacturing
- ☐ Exposure to real-time production workflows
- ☐ Knowledge of ISO quality control standards
- ☐ Awareness of safety norms
- ☐ Better understanding of engineering job roles

Conclusion

To conclude with, the visit to Avishkar Industries Pvt. Ltd. provided valuable exposure to advanced manufacturing processes, bulk material-handling equipment, ISO-certified quality systems, and industrial safety practices. Students gained practical insights into

fabrication, turnkey project execution, and engineering workflows, effectively bridging theoretical learning with real-world industrial applications and professional expectations.







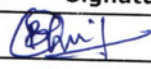
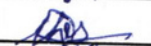
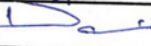
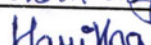
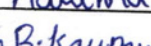
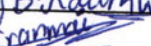
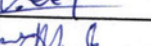
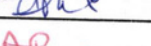
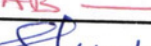
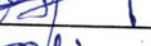
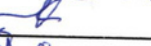
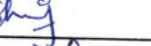






VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING
BE (MECH) V-SEM 2025-26

Industrial Visit to M/s. Avishkar Industries, Chetlapotharam, Medak District, Telangana. on 19.11.2025

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6	1602-23-736-006	MALLEKEDI. ANAND BABU	
7	1602-23-736-007	KONDA. ANIRUDH	
8	1602-23-736-008	KAMBAR. BUDDHA CHARY	
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10	1602-23-736-011	MALAVATH. GANGADHAR	
11	1602-23-736-012	MADDELA. GNANA CHAITANYA	
12	1602-23-736-013	HARITHA. CHINNAMASIRI	
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15	1602-23-736-017	GAURAV. KUMAR	
16	1602-23-736-018	ASHREE. MANISH MADHAV	
17	1602-23-736-020	MUNAGANTI. MANOJ	
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19	1602-23-736-022	MOHAMMAD. NAVEED AHMAD	
20	1602-23-736-023	MOHAMMAD. YASAR AHMAD	
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23	1602-23-736-027	RATHOD. RAHUL	
24	1602-23-736-028	PONNALA. RISHITHA	
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31	1602-23-736-036	CHINNAGALLA. SHIVA	
32	1602-23-736-037	KETHIREDDY. SHIVA LINGA REDDY	
33	1602-23-736-038	PATLOLLA. SHREYAS REDDY	
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35	1602-23-736-040	SAKINALA. SIRI LAXMI	

S.No	HTNO	Student Name	Signature
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38	1602-23-736-043	G. SRIKANTH	<i>G. Srikanth</i>
39	1602-23-736-044	DORAGOLLA. SRINIVAS VAIBHAV	<i>D. Srinivas</i>
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42	1602-23-736-048	PATHEPURAM. VARSHITH BABU	<i>P. Varshith</i>
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45	1602-23-736-051	MATTE. VIGNESH	<i>M. Vignesh</i>
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