MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(Deemed to be University)
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade, NIRF India Rankings 2025 - Band: 201-300 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH, CST), MBA & MCA

A Report on Industrial Visit to "RETECH Solutions Private Limited, Chennai, Tamil Nadu" Organized by Department of Computer Science & Engineering on 27.10.2026



Report Submitted by: Mr. Ramalingam D, Assistant Professor, Department of Computer Science & Engineering
Faculties Accompanied: Dr. N. Krishnaiah and Dr. D. J. Ashpin Pabi
Venue: RETECH Solutions Private Limited, No. 28, Sundar Nagar Extension, Varatharajapuram, Kundrathur, Tambaram, Chennai, Tamil Nadu – 600048
Mode of Conduct: Offline
Attendees Count: 44 students
Report Received on 02.11.2026
Company Details:
Company Name: RETECH Solutions Private Limited
Address: No. 28, Sundar Nagar Extension, Varatharajapuram, Kundrathur, Tambaram, Chennai, Tamil Nadu – 600048

Objectives:

1. To bridge the gap between classroom learning and industrial practices through practical exposure to current software and emerging technologies.
2. To introduce students to Software Development, Artificial Intelligence (AI), Robotics, Full Stack Development (FSD), and Multimedia Technology.
3. To help students understand the practical applications of software development, AI, robotics, and multimedia technologies, including laser-machine operations.
4. To interact with industry experts, clarify technical queries, and understand the skills needed for academic projects and future career opportunities.

Report Summary:

The Department of Computer Science & Engineering organized an industrial visit for the II-Year B. Tech CSE students to RETECH Laser Private Limited, It is another unit of RETECH Solutions Private Limited, for Software development and Hardware and multimedia software manufacturing to different variety Laser machines, Chennai, Tamil Nadu, on 27.10.2026. A total of 44 students participated in the visit, accompanied by Dr. N. Krishnaiah and Dr. D. J. Ashpin Pabi. The visit was organized by Mr. Ramalingam D, Industrial Visit Coordinator / CSE.

The visit was conducted in offline mode and focused on hands-on training and demonstrations in Software Development, AI and Robotics, FSD, and Multimedia Technology. RETECH experts demonstrated the use of in-built Plotbot Pro, Plus, Max, and Fibre software on laser machines. The technical sessions introduced students to software development and Full Stack Development (FSD), along with demonstrations related to Artificial Intelligence and Robotics. Students also observed Multimedia Technology workflows using the in-built Plotbot Pro, Plus, Max, and Fibre software associated with RETECH laser machines.

The practical demonstrations helped students connect concepts from their Computer Science and Engineering curriculum with industry applications. The visit also gave students an opportunity to observe how software and emerging technologies are used in industrial equipment and multimedia-related processes.



Figure: Technical interaction on Software Development, AI and Robotic

Technical Topics Covered:

- Software Development
- Full Stack Development (FSD)
- Multimedia Technology
- Artificial Intelligence (AI) concepts and applications
- Robotics and technology-enabled systems
- Demonstration of Plotbot Pro, Plus, Max, and Fibre software on laser machines

Outcome of the Event:

The industrial visit provided 44 II-Year CSE students with practical exposure to software development, AI, Robotics, FSD, and multimedia technology through hands-on training and demonstrations by RETECH experts.

Students gained exposure to software development and Full Stack Development, AI and Robotics applications, and multimedia technology workflows. The laser-machine demonstration using Plotbot Pro, Plus, Max, and Fibre software broadened their understanding of industry-oriented technology applications.

The interaction with company experts helped students appreciate the importance of practical implementation, problem-solving, and understanding the integration of software with industrial technologies.



Key Learning Outcomes:

- Gained hands-on exposure to Software Development and Full Stack Development (FSD).
- Developed awareness of practical software development workflows.
- Observed Multimedia Technology demonstrations and related industrial applications.
- Explored introductory applications of Artificial Intelligence (AI).
- Developed awareness of Robotics and technology-enabled systems.
- Observed laser-machine software demonstrations using Plotbot Pro, Plus, Max, and Fibre.
- Recognized the importance of practical skills for academic projects and future career development.

Conclusion:

The industrial visit to RETECH Solutions Private Limited, Chennai, Tamil Nadu, on 27.10.2026 was a valuable learning experience for the 44 participating II Year students of the Department of Computer Science & Engineering.

The hands-on training and demonstrations in Software Development, AI, Robotics, FSD, and Multimedia Technology, including the use of Plotbot Pro, Plus, Max, and Fibre software on laser machines, provided practical exposure to industry-oriented technologies.

The visit helped strengthen the connection between academic learning and industrial practice and encouraged students to explore the practical applications of emerging technologies. The Department of Computer Science & Engineering sincerely appreciates RETECH Solutions Private Limited and its experts for providing this valuable learning opportunity.