Since 1994

Marathwada Mitra Mandal's
INSTITUTE OF MANAGEMENT EDUCATION RESEARCH AND TRAINING (IMERT), Pune
S. No. 18, Plot No. 5/3, CTS No. 205, Behind Vandevi Temple, Karvenagar, Pune – 411052

A Report on Industry Visit to Vighnaharta Technologies

Date of the Event (DD/MM/YYYY)	15 Oct 2026	Duration	10:00 AM to 12:00 Noon
Day of the Event	Thursday	Venue	Vighnaharta Technologies Wing, Shirwal Dist. Satara
Number of Participants		40	



















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An industrial visit to **Vighnaharta Technologies Pvt. Ltd.** was organized on **15th October 2026** under guidance of Dr Shubhangee Ramaswamy. Vighnaharta Technologies Pvt. Ltd. is a leading pioneer in providing advanced tech solutions in safety, security, and surveillance. They design and manufacture high-reliability micro-controller-based equipment aimed at early warning systems and hazardous situation prevention. During the tour of the manufacturing facility, students were guided through several key departments:

PCB Assembly & Soldering Line: Demonstration of Surface Mount Technology (SMT) and Through-Hole assembly lines used to build sensor circuit boards.
Sensor Calibration & Testing Bay: Insights into how gas sensors and smoke detectors are calibrated against precise reference standards to avoid false alarms.
Quality Assurance & Testing (QA/QC): Exposure to environmental stress testing, thermal chamber testing, and aging tests designed to ensure long-term reliability in harsh operating conditions.
Embedded Firmware Integration: Explanation of how embedded microcontrollers process sensor signals in real-time to trigger immediate safety alerts. During the plant tour, the technical team demonstrated how their engineered solutions are customized for diverse industry sectors.

The industrial visit to Vighnaharta Technologies was an enriching experience. It bridged the gap between theoretical concepts with their real-world industrial applications. The interactive sessions with engineers provided valuable career and technical insights into safety and security engineering. Dr Sarang Dani, Prof Aparna Shastri, Dr Praful Sarangdhar and Prof Vivek Dighe accompanied the students.

Dr. Praful Sarangdhar Faculty	Dr Jitendra Bhandari HOD	Dr. Shubhangee Ramaswamy Director
Prepared By	Reviewed By	Approved By-