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Sarvajanik College of Engineering & Technology
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Industrial Visit to Sahajanand Technologies Private Limited (STPL), Surat

DEPARTMENT OF COMPUTER ENGINEERING

Event Report: Industrial Visit to Sahajanand Technologies Private Limited

Organized for: B.E. Third Year (SEM-5) Students Department of Computer Engineering Sarvajanik College of Engineering and Technology, Surat

Visit Duration: 3th October 2026 (Saturday)

Introduction:

The industrial visit to **Sahajanand Technologies Private Limited** was organized to provide B.E. Third Year students with firsthand exposure to **industrial processes and emerging technologies**. Accompanied by faculty coordinators **Prof. Bhumika Bhatt, Prof. Amisha Sakariya, Prof. Jignesh Joshi** and **Prof. Aditya Jajodia**, the visit aimed to bridge academic learning with industry advancements and equip students with knowledge of real-world technological applications.

Sahajanand Technologies Private Limited:

The industrial visit to **Sahajanand Technologies Private Limited (STPL), Surat**, provided insights into precision engineering, industrial automation, additive manufacturing, medical technology, and life sciences.

1. Sahajanand Technologies Private Limited (STPL)

STPL specializes in laser technology, optics, motion control, and industrial automation. It pioneered automated diamond planning, laser sawing, cutting, and shaping systems. The company also manufactures industrial fiber lasers and robotic handling systems for metal processing and automation.

2. STPL3D

STPL3D focuses on industrial 3D printing, rapid prototyping, and additive manufacturing. Its technologies include SLA (resin printing), FDM (thermoplastic printing), and SLM/DMLS (metal printing). Its services include 3D scanning, reverse engineering, and low-volume manufacturing for aerospace, automotive, robotics, and defence.

3. Sahajanand Medical Technologies (SMT)

SMT specializes in cardiovascular medical devices and minimally invasive healthcare solutions. Its key products include drug-eluting stents (DES), PTCA balloon catheters, and diagnostic software. Its emphasis on quality standards and international regulatory compliance supports its global presence.

4. Sahajanand Life Sciences (SLS)

SLS focuses on biotechnology, natural healthcare, and pharmaceutical research. It develops herbal formulations, botanical products, and nutraceuticals under wellness brands such as *SuAyu*, combining traditional knowledge with modern scientific research and quality control.

Key Learning Outcomes

The visit demonstrated how precision engineering, automation, software, and materials science can support diverse industries. It highlighted the role of innovation, interdisciplinary collaboration, quality control, and research in developing industrial machinery, 3D-printed components, medical devices, and healthcare products.

Staff Details:

Sr. No.	Name of the Faculty
1	Prof. Bhumika Bhatt
2	Prof. Amisha Sakariya
3	Prof. Jignesh Joshi
4	Prof. Aditya Jajodia

Acknowledgement:

We express our sincere gratitude to **Mr. Rahul Gaywala, CEO, STPL**, for sharing valuable insights into business management, startups, emerging technologies, and his professional journey. We thank **Mr. Trinayan Jyoti Saikia, General Manager – HR**, for explaining the company's operations, products, and global presence.

We extend special thanks to **Mr. Rushik Bardoliya, HR – Strategic Manpower Management**, and **Mr. Abhishek Gaywala, Application Engineer – Additive Manufacturing Technology**, for demonstrating robotics in the diamond industry and advanced 3D printing technologies. We also thank **Ms. Ankita Vaswani, Recruiter – HR**, for her hospitality, coordination, and support throughout the visit.

We are grateful to our **Head of Department, Prof. (Dr.) Mayuri Mehta**, for providing us with this valuable learning opportunity, and to our T&P Committee members, **Prof. Jaydeep Gheewala, Prof. Jayesh Chaudhary** and **Prof. Bhavesh Patel**, for facilitating this industry interaction.

Finally, we thank **Sahajanand Group** for offering students practical exposure to industrial processes and technologies, helping us connect classroom learning with real-world applications.

