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The Faculty of Management Studies,
The Maharaja Sayajirao University of Baroda,
Vadodara, Gujarat

An Awareness Workshop on
“SSIP, AI & I4.0 Tools for Innovators and Entrepreneurs”
Event No. 42

Date: 18th August, 2025

Summary:

The Faculty of Management Studies, The Maharaja Sayajirao University of Baroda, in collaboration with Institutions' Innovation Council and AICTE, organized a guest lecture on “SSIP, AI & I4.0 Tools for Innovators and Entrepreneurs” on 18th August, 2025. The session was conducted by Mr. Sridhar Sudarsan, Entrepreneur, Founder and CEO of Cometatek.

Key Takeaways of the Session:

The session commenced with an introduction to the Student Startup and Innovation Policy (SSIP) and its significance in fostering innovation and entrepreneurship among students. The speaker highlighted how SSIP provides a supportive ecosystem that enables students to transform creative ideas into practical solutions through ideation, mentoring, prototype development, intellectual property awareness, and startup assistance. Students were encouraged to identify real-world problems, validate their ideas, and effectively utilize the institutional support available under SSIP to develop and advance their entrepreneurial initiatives.

Following the introduction to SSIP, the speaker elaborated on the evolution of Industry 4.0 and its growing significance in the modern technological landscape. He explained its fundamental concepts, including smart automation, cyber-physical systems, seamless human-machine interaction, and the integration of digital, physical, and biological systems. The session further highlighted how emerging technologies such as Artificial Intelligence (AI), the Internet of Things (IoT), robotics, and big data analytics have become the key pillars driving the fourth industrial revolution, transforming industries through enhanced efficiency, connectivity, and intelligent decision-making.

The speaker elaborated on various AI technologies, describing prediction engines, natural language processing, image and voice recognition, pattern detection, and decision-making models that are transforming industries. He spoke about image processing approaches and how they enable machines to interpret, classify, and respond to visual data. Stressing the importance of data as the foundation of modern innovation, he explained how AI-driven data use supports informed and faster decision-making across sectors.

He also highlighted the AI Skill Framework, outlining the growing demand for both functional skills - like problem identification, data interpretation, and strategic thinking and technical skills such as coding, model building, and algorithmic understanding. The speaker underscored the need for responsible AI use, emphasizing ethics, bias mitigation, privacy protection, and data security as essential components of future-ready innovation.

Encouraging students to become “AI ready,” he warned that failing to adapt could lead to professional irrelevance in a rapidly evolving environment. The session concluded with key takeaways, an action plan for starting one’s AI journey, and a list of recommended learning resources. The workshop left students motivated to embrace continuous learning and leverage AI to solve real-world problems effectively.

Vote of Thanks

The session concluded with a heartfelt Vote of Thanks to express gratitude to the Honorable resource person Mr. Sridhar Sudarsan for their valuable guidance. A special thanks was extended to (I/c.) Dean Prof. (Dr.) Sunita Sharma ma’am for her dedicated efforts in organizing such an impactful session.

Glimpses of the Event



