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**INSTITUTION'S
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(Ministry of HRD Initiative)

SSIP



SARVAJANIK UNIVERSITY
SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY

R E P O R T of EVENT

Workshop on

**'AI Careers and Ethics for an Industry Ready Workforce'
(Pre-Summit Event for INDIAAI Impact Summit 2026)"**

On

2nd Feb 2026

ORGANIZED BY

**IIC CELL SCET, ENTREPRENEURSHIP DEVELOPMENT
AND R&D CELL - SCET**

Title: AI Careers and Ethics for an Industry Ready Workforce"

(Pre-Summit Event for INDIAAI Impact Summit 2026)

1. Executive Summary

Institution: Institution's Innovation Council (IIC) - Sarvajanic College of Engineering and Technology (SCET)

Collaborator: DataLeads (ADIRA Initiative)

Event Type: Pre-Summit Workshop for INDIAAI Impact Summit 2026

Theme Alignment: "Human Capital: Building an Equitable AI Reskilling Ecosystem" & "Safe and Trusted AI"

Trainers: Prof. (Dr.) Pariza Kamboj and Prof. Dhatri Pandya

Participants: 50+ (Core branch engineering students and faculty members)

2. Introduction & Context

As India prepares to host the landmark **INDIAAI Impact Summit** from **February 16–20, 2026**, the focus has shifted towards preparing a workforce that is not only skilled in Artificial Intelligence but also grounded in its ethical application. Aligned with the summit's "People, Planet, and Progress" vision, the IIC-SCET, in collaboration with the DataLeads **ADIRA (AI for Digital Readiness and Advancement)** initiative, organized a strategic pre-summit workshop.

The two-hour session, titled "**AI Careers and Ethics for an Industry-Ready Workforce**," was specifically designed for students from core engineering branches (Civil, Mechanical, Electrical, etc.) to bridge the gap between traditional engineering disciplines and modern AI capabilities.

3. Objectives

The workshop aimed to achieve the following:

- **Democratize AI Knowledge:** To transition AI awareness beyond Computer Science disciplines, ensuring core engineering students are "digitally ready."
- **Ethical Grounding:** To instill the principles of "Safe and Trusted AI," ensuring future engineers use generative tools responsibly.
- **Career Integration:** To demonstrate how AI tools can enhance productivity and innovation in non-IT engineering sectors.

4. Session Highlights & Modules

The session was delivered by **Prof. (Dr.) Pariza Kamboj** and **Prof. Dhatri Pandya**, who guided participants through a blend of theoretical insights and practical exercises.

Module 1: AI Reskilling & The Digital Landscape

- The session opened with an overview of the INDIAAI Impact Summit 2026 and its significance for the Indian workforce.
- Trainers emphasized the "Human Capital" chakra of the summit, discussing the urgent need for reskilling to remain competitive in Industry 4.0.

Module 2: Generative AI & Tools

- Participants were introduced to the landscape of Generative AI (GenAI).
- Demonstrations included various GenAI tools relevant to engineering tasks, moving beyond simple text generation to productivity enhancement.

Module 3: The Art of Prompting

- A dedicated segment focused on **Prompt Engineering**. Students learned the nuances of crafting effective prompts to elicit precise and useful outputs from AI models.
- **Hands-on Activity:** Students practiced prompting techniques in real-time, refining their queries to solve specific engineering-related problems.

Module 4: Responsible AI & Ethics

- Aligning with the "Safe and Trusted AI" theme, the workshop addressed the risks of AI, including bias, hallucination, and intellectual property concerns.
- The session concluded with a framework for ethical decision-making when deploying AI solutions in professional environments.

5. Outcomes of the Workshop

The workshop resulted in several tangible and intangible benefits for the attendees:

1. **Enhanced Digital Readiness:** * Students from core branches gained confidence in using GenAI tools, effectively breaking down the hesitation often associated with adopting new technologies in non-CS fields.
2. **Practical Prompting Skills:** * Attendees transitioned from passive users to active controllers of AI, learning how to structure prompts for higher accuracy and relevance in their coursework and future projects.
3. **Ethical Awareness:** * The cohort developed a critical understanding of the ethical boundaries of AI. They are now better equipped to identify potential biases and verify AI-generated information, fostering a culture of "Trusted AI."
4. **Career Perspective Shift:** * Participants recognized AI not as a threat to their core engineering jobs but as a powerful co-pilot that can automate routine tasks and aid in complex design and analysis processes.
5. **Alignment with National Vision:** * By sensitizing students to the themes of the upcoming INDIAAI Summit, the event successfully integrated the institutional academic environment with the broader national agenda of building a skilled, resilient, and ethical AI workforce.

6. Conclusion

The "AI Careers and Ethics" workshop successfully met its objectives of equipping the next generation of engineers with critical future skills. By collaborating with DataLeads and aligning with the prestige of the INDIAAI Impact Summit 2026, IIC-SCET has taken a significant step toward building an inclusive and digitally empowered student community.







Report Prepared by: Dr. Pariza Kamboj,

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