

Report

Skill Enhancement Workshop

Session 2025-26

For BCA Semester I

Title of the Program/Activity: Skill Enhancement Workshop

Theme/Topic: "Innovative Prompting: Building Skills for the AI Era"

Organized by: Department of Computer Science

Metric No.: 2.3.1 & 5.3.1

Metric Name: Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing their learning experiences

Following Capacity development and skills enhancement initiatives are undertaken by the institution

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. Awareness of trends in technology

Date(s): 08-13 September 2025

Time: 9:00 am - 11:15 am

Venue: Sundar Pichai Computer Lab 3 & 4

Mode: Offline

Target Audience: BCA Semester I

Number of Participants: 85

Program Coordinators: Ms. Ritu Sisodia & Dr. Arpita Banerjee

Resource Person(s)/Guest(s):

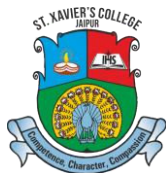
Ms. Akshita Dhyani, Prompt Engineer – Expert in AI applications and digital tools, Grras Solutions, Private Ltd.

Mr. Vikas Kumar, Gen AI Trainer – Specialist in emerging technologies and AI-driven solutions, Grras Solutions, Private Ltd.

“To create men and women for others”

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Detailed Report

The *Prompt Engineering Workshop* on the theme "*Innovative Prompting: Building Skills for the AI Era*" was organized by the **Department of Computer Science** for **BCA Semester I students** on **08-13 September 2025** from 9:00 - 11:00 am at Sundar Pichai Computer Lab 3 & 4 in offline mode. The workshop was coordinated by **Ms. Ritu Sisodia & Dr. Arpita Banerjee(HoD)** and attended by 100 participants from the department.

The objective of the workshop was to build a strong foundational understanding of **Prompt Engineering**, familiarize students with **Generative AI tools** like ChatGPT, Claude, Gemini, and DALL·E, and equip them with **practical prompt design skills** applicable across domains such as education, marketing, research, and business.

The sessions were delivered by **Ms. Akshita Dhyani** and **Mr. Vikas Kumar**, who shared their expertise in **AI-driven solutions, workflow integration, and domain-specific prompting**. The workshop spanned multiple sessions, starting with an introduction to the basics of Prompt Engineering, anatomy of effective prompts, and hands-on activities with ChatGPT and Claude.

Day 2 focused on **advanced prompt engineering techniques**, including role prompting, self-reflection loops, and image prompting with Midjourney/DALL·E. Participants were actively involved in **live exercises, prompt refinement, and feedback loops**.

On the final day, resource persons emphasized **industry use-cases and AI integrations** with tools such as Excel, Docs, and Python APIs. Students engaged in a **capstone group project** where they applied their skills to design AI-driven solutions. The closing session included interactive discussions, Q&A, and sharing of learning outcomes. **An Exit Test was also conducted on the last day to assess the understanding and learning outcomes of the participants.**

In total, 100 participants attended the program. Feedback indicated that students found the sessions highly **practical, interactive, and motivating**, appreciating the blend of **conceptual understanding and hands-on exposure**.

Key outcomes included:

- Understanding of prompt structure and design principles
- Ability to craft effective prompts for diverse applications
- Familiarity with AI tools like ChatGPT, Claude, and Midjourney
- Skills in iterative refinement and error handling in AI outputs
- Increased motivation to explore **AI in academics, projects, and future careers**

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The department expresses gratitude to the **Principal, coordinators, faculty members, student volunteers, and resource persons** for making the event a success.

In conclusion, the Skill enhancement workshop proved to be a highly enriching initiative that not only met its objectives but also inspired students to leverage AI effectively. For future programs, it is recommended to extend the workshop duration for deeper domain applications and provide certification-based outcomes to enhance student engagement further.

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