

## REPORT ON SPECIAL LECTURE

### **TOPIC: PROMPT ENGINEERING**

Speaker: Mr. Dhirodatta Subba

Venue: Siliguri College

Date: 27/08/2026

### **INTRODUCTION**

On 27th August 2026, Department of Computer Science And BCA in collaboration with IQAC, Siliguri College organized a special lecture focusing on the rapidly evolving field of 'Prompt Engineering'. The event aimed to enlighten students and faculty members about the core paradigms of Artificial Intelligence and generative models.

### **ABOUT THE SPEAKER**

The distinguished speaker for the session was Mr. Dhirodatta Subba, Assistant Professor, Salesian College. He brought massive industry expertise and technical clarity to the session. He effectively bridged academic curiosity with state-of-the-art technological trends in modern software development and computational linguistics.

### **KEY HIGHLIGHTS OF THE LECTURE**

- **Foundations of Prompting:** The session began with an anatomy of effective prompts, explaining system instructions, user inputs, and contextual formatting.
- **Advanced Methodologies:** Mr. Subba explored advanced frameworks like Chain-of-Thought (CoT) reasoning, Few-Shot prompting, and iterative refinement techniques.
- **Practical Applications:** Real-world use cases were showcased, demonstrating how efficient text generation can accelerate task pipelines across code generation, data analytics, and professional communication.

- The Future Vector: The discussion concluded with a forward-looking view on AI alignment, ethics, and why learning prompt engineering is a critical future skill.

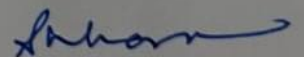
## INTERACTIVE SESSION & CONCLUSION

The lecture concluded with an engaging Question and Answer session. Faculty members and students engaged with the speaker on diverse issues ranging from prompt engineering tools to workflow optimization. The event concluded with a vote of thanks by Dr. Prabir Manna, HOD, Dept of computer Science and BCA leaving the attendees equipped with actionable insights to harness the power of artificial intelligence responsibly.



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