



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Workshop Report on "NextGen Innovation Workshop: Agentic AI and Design Thinking"

Organized by: Department of Computer Science & Engineering, AVIT in association with AI Nexus Club@AVIT

Venue: Intel Lab, AVIT

Date: 22 July 2026

Time: 09:30 A.M. to 3.30 PM



Cordially invites you all to
the one day workshop on

**"NextGen Innovation
Workshop:
Agentic AI and
Design Thinking"**



Resource Person
Mr. Manigandan Babu
Senior AI & Agentic AI Engineer
TechForce Services, Chennai

 22 July 2026  09.30 A.M.  Intel Lab, AVIT



Organized by
**Department of Computer Science
& Engineering**
in associate with
AI Nexus Club@AVIT

Introduction

The Department of Computer Science & Engineering, AVIT, in association with the AI Nexus Club@AVIT, successfully organized a one-day workshop titled "NextGen Innovation Workshop: Agentic AI and Design Thinking" on 22 July 2026 at the Intel Lab, AVIT. The workshop aimed to introduce students to the rapidly evolving field of Agentic Artificial Intelligence and provide hands-on experience in designing intelligent AI applications.

The session was conducted by Mr. Manigandan Babu, Senior AI & Agentic AI Engineer, TechForce Services, Chennai, who shared his industry expertise and practical insights into AI agent development.

Objectives

The workshop was organized with the following objectives:

- To introduce students to the concepts of Agentic AI.
- To understand the principles of Design Thinking in AI application development.
- To provide practical exposure to building AI-powered assistants.
- To enhance students' problem-solving and prompt engineering skills.
- To encourage innovation through hands-on AI development.

Workshop Highlights

The resource person began the session by explaining the evolution of Artificial Intelligence, Generative AI, and Agentic AI systems. Students were introduced to the architecture of AI agents, prompt engineering techniques, and the role of Large Language Models (LLMs) in developing intelligent assistants.

The workshop also covered:

- Fundamentals of Agentic AI
- AI Agent architecture
- Design Thinking methodology
- Prompt engineering techniques
- Voice-enabled AI assistants
- AI workflow automation
- Practical implementation using modern AI development tools

Throughout the workshop, students actively participated in discussions, demonstrations, and practical exercises.

Hands-on Session

A major highlight of the workshop was the hands-on development session, during which participants designed and developed a Voice-Enabled Assistant Agent.

The students learned to:

- Design conversational AI workflows.
- Create structured prompts for AI agents.
- Integrate voice interaction capabilities.
- Build an intelligent assistant capable of responding to voice commands.
- Test and refine the AI assistant through iterative improvements.

By the end of the session, every participant had successfully developed a working prototype of a voice-enabled assistant agent.

Participation

The workshop witnessed enthusiastic participation from students.

- Total Participants: 60 Students
- Students actively engaged in practical exercises and collaborative learning activities.
- Interactive question-and-answer sessions enhanced their understanding of Agentic AI concepts.

Outcome

The workshop successfully achieved its intended objectives. Students gained:

- A strong understanding of Agentic AI concepts.
- Practical knowledge of AI agent development.
- Experience in prompt engineering and voice interface design.
- Hands-on exposure to modern AI development practices.
- Confidence to develop intelligent AI applications independently.

The participants appreciated the practical nature of the workshop and expressed keen interest in pursuing advanced AI projects.

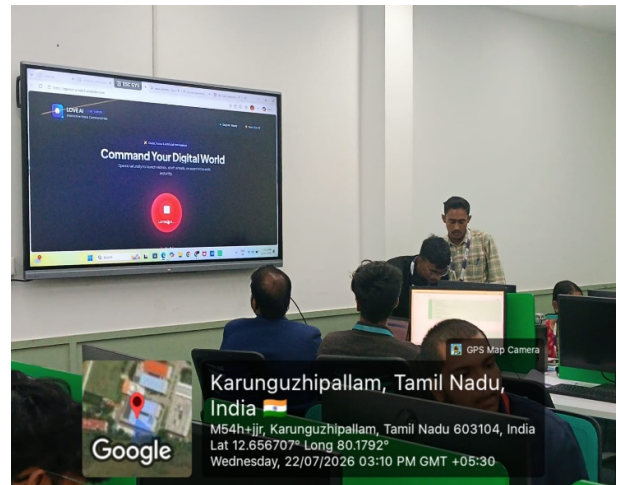
Conclusion

The "NextGen Innovation Workshop: Agentic AI and Design Thinking" proved to be an enriching learning experience for all participants. The combination of theoretical concepts and practical implementation enabled students to understand the real-world applications of Agentic AI.

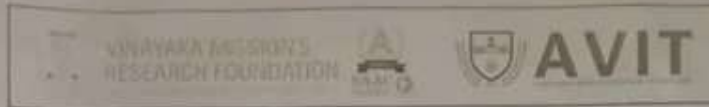
The Department of Computer Science & Engineering extends its sincere gratitude to Mr. Manigandan Babu, Senior AI & Agentic AI Engineer, TechForce Services, Chennai, for delivering an insightful and engaging session. Appreciation is also extended to the faculty members, AI Nexus Club coordinators, and all 58 student participants for contributing to the success of the workshop.

The workshop concluded with an interactive feedback session and a vote of thanks, marking the successful completion of a highly informative and impactful technical event.

Glimpse of the Event



Attendance



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ATTENDANCE SHEET (ODD 2026-2027)

EVENT NAME: NextGen Innovation Workshop: Agentic AI and Design Thinking

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SNO	REG. NO	CLASS / SECTION	NAME	SIGNATURE
01	370240552	III - (AIME) TMTL C	GOKUL K O	
02	370240510	III - (AIME) TMTL C	Dhruva shree D	
03	370240568	III - (AIME) TMTL C	P. Manikanta	
04	370240525	III - (AIME) TMTL C	B. Yashwanth	
05	3702510678	II - CSE (AIML) A	P. Lekha Sruthi	
06	3702510660	II - CSE (AIML) B	M. Tharani	
07	3702510645	II - CSE (AIML) B	Minaprasanna	
08	3702510627	II - CSE (AIML) B	N. Thavalika	
09	3702510661	II - CSE (AIML) B	M. Pavithra	
10	3702410502	II - CSE (AIML) B	ABIRAMI RUTHRAMPATHY	
11	3702510780	II - CSE (AIML) B	Vaanya	
12	3702510774	II - CSE (AIML) B	Anurutha Bhargavi	
13	3702510662	II - CSE (AIML) B	M. Vikas Teja	
14	3702510669	II - CSE (AIML) B	M. Sri Visha Varma	
15	3702410549	II - CSE (AIML) B	P. Kumar Varma	
16	3702410538	II - CSE (AIML) B	N. Kesava Sai	
17	3702510695	II - CSE (AIML) B	P. Navadeep	

Signature of Coordinator

Signature of HoD

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SNO	REG. NO	CLASS / SECTION	NAME	SIGNATURE
18	360251056	II CS (A)	R Himavri	Himavri
19	360251061	II CS (B)	S. Preethi	Preethi
20	360251054	II CS (A)	A. Jyothirmai	Jyothirmai
21	360251054	II CS (B)	T. Mounika	Mounika
22	360251053	II CS (A)	T. Kisan Chandra	Kisan Chandra
23	360251058	II CS (A)	I. Kunal Kumar	Kunal Kumar
24	360251058	II CS (A)	K. Govardhan Reddy	Govardhan Reddy
25	360251058	II CS (A)	S. Kabilashwanth	Kabilashwanth
26	360251058	II CS (A)	S. Chandra Babu	Chandra Babu
27	360251058	II CS (A)	C. Bhani Prithap	Bhani Prithap
28	360251058	II CS (A)	V. Bharath Simha Reddy	Bharath Simha Reddy
29	360251058	II CS (A)	G. Guna Sekhara Reddy	G. Guna Sekhara Reddy
30	3702410640	III AIML	PRATHIKSHA S	Prathiksha S
31	3702410640	III AIML	RIVA KUMARI	Riva Kumari
32	3702410640	III AIML	BHAVISHYA	Bhavishya
33	3602410640	III CS	VAISHNAVI	Vaishnavi
34	1742410640	II DS	GHYANITHI	Ghyanthi

Signature of Coordinator

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SNO	REG. NO	CLASS / SECTION	NAME	SIGNATURE
35	3602510364	IT CS	Vidhyasree S	Vijay
36	3602510545	IT CS INTEL	Kowsalya K	Kowsalya
37	3702410120	III AIML (2nd)	Sujana A	S. Sujana
38	3702410504	III AIML (2nd)	AISHVARIYA S	Aishwariya
39	3702410663	III AIML	SANTHANAM N	Santhana
40	3702410619	III AIML	S. Keerthana	Keerthana
41	3702410658	III AIML	T. Taswanthi	Taswanthi
42	3702410658	III AIML	P. Mahathi	Mahathi
43	3702410514	III AIML	Ge. Sri. Vashmani	Ge. Sri. Vashmani
44	3702410514	III AIML	K. Prem Sagar	K. Prem Sagar
45	3702410672	III AIML	P. Saiteja	Saiteja
46	3702410523	III AIML	B. SreeValli	B. SreeValli
47	3702410614	III AIML	R. Haritha	R. Haritha
48	3702410614	III AIML	N. Dinithi	N. Dinithi
49	3702410520	III AIML	R. Dinithi	R. Dinithi
50	3702410666	III AIML	Saptharshi P	Saptharshi P
51	3702410519	III AIML	P. Harithigan	P. Harithigan

S. R. A.
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