

B.N.M. Institute of Technology

An Autonomous Institution under VTU, Approved by AICTE
Department of Artificial Intelligence and Machine Learning

Minutes of the Meeting

Meeting Details	6 th BOS Meeting
Date	09/06/2026
Time	10.00 AM to 11.00 AM
Venue	S-Block, S006

Members Present	1. Dr. Sheba Selvam, Chairperson 2. Dr. Umadevi V, VTU Nominee 3. Dr. Ramesh Kestur, Subject expert from outside university 4. Dr. Mary Anita EA, Subject expert from outside university 5. Dr. Jayashree R, Subject expert from outside university 6. Mr. Akash Konnur, Industry expert 7. Mr. Chandan H, Alumni 8. Dr. Tejaswini RM, Member 9. Dr. Mahanthesha U, Member 10. Dr. Nagarathna C R, Member 11. Dr. Vani K Reddy, Member 12. Mrs. Pavithra H C, Member 13. Dr. Kakoli Bora, Member Secretary
Members Absent (Reasons)	Mr. Shashank K S, Industry expert (Business Trip)
Agenda	1. Welcome address 2. Introduction 3. Best practices in curriculum design 4. Presentation of 2025 scheme and Syllabus of 3rd to 8th semester AIML 5. Presentation of 2024 scheme and Syllabus of 5th to 8th semester AIML 6. Presentation of 2023 scheme and Syllabus of 7th & 8th semester AIML 7. Any other suggestions to the department 8. Concluding remarks by member secretary.
Proceedings of the meeting	

• The meeting started with a welcome speech by the chairperson followed by introduction of VTU nominee, External Subject experts, Industry experts, alumni and BNMIT internal members. • Best practices in curriculum design were discussed. • The scheme and syllabus of 2025, 2024, and 2023 batches of Artificial Intelligence and Machine Learning for Autonomous were presented. • Suggestions by expert members were discussed during the presentation. • Member Secretary briefed about suggestions discussed and concluded meeting with a thank you note.	
Recommendations / Suggestions from the BOS Members	
Member1 Dr. Umadevi V Professor, Department of CSE, BMSCE, Bengaluru. (VTU NOMINEE)	• Advised to consider the mapping and measuring of courses with SDGs and WK attributes as per NBA. • Suggested to include Research Methodology & IPR subject in lower semester.
Member2 Dr. Ramesh Kestur Senior Research Fellow and Adjunct Faculty IIIT-B (Subject Expert from outside university)	• Suggested to include a few EDA tools from IBM in the Agentic AI course. • The inputs given by the experts in the 5th BOS meeting were incorporated into the syllabus. The AIML syllabus was appreciated.
Member 3 Dr Mary Anita EA, Associate Dean, School of Engineering & Technology Professor, Dept. of Computer Science & Engineering, Christ University, B'luru (Subject Expert from outside university)	• Suggested experimenting with different LLMs in the generative AI and Agentic AI laboratory.
Member 4 Dr. Jayashree R Professor & Head, CS (AIML), PES University, RR campus, Bengaluru. (Subject Expert from outside university)	• The scheme and syllabus were appreciated. • Discussed on the selection of appropriate tools and frameworks for Multi-Agent Agentic AI laboratory problems.
Member 5 Mr. Akash Konnur Software Engineer II,	• Appreciated revised SEPM syllabus. • Recommended that students develop APIs to facilitate communication, data exchange, and integration with external

HashedInByDeloitte, Bengaluru. (Industry Expert-1)	systems.
Member 6 Mr. Chandan H (Alumni)	• Suggested to develop Docker-based container a mandatory requirement for final-year project deployment and implementing APIs for accessing and exchanging project information.
Concluding Remarks by Member Secretary	• RM&IPR course should be studied before final year • Mapping of courses with SDGs and WK attributes should be considered while framing the syllabus for 2025 batch • Suggestion to include a few EDA tools from IBM in Agentic AI course • API development should be included in courses • Suggested to deploy final year projects using docker containers


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GALLERY

DATE: 09.06.2026



Presenting: Dr. Sheba Selvam, Head, AIML



From left: Dr. Umadevi- VTU Nominee, Mr. Chandan-Alumni

GALLERY

DATE: 09.06.2026

The screenshot shows a Google Meet window with a presentation slide titled "Agentic AI". The slide contains a bulleted list of points, a prerequisite section, and two modules. A sidebar on the right lists participants: Ramesh KN, Akash konnur, jayashree r.r, and Kakoli Bora. At the bottom, there's a taskbar with various application icons and a system clock showing 10:20 AM on 6/9/2026.

Agentic AI

- Analyze the transition from static LLM prompting to autonomous agentic AI, understanding its core architecture and design aspects.
- Analyze and implement key agentic design patterns, tools use and context engineering to enable agents to solve complex, multi-step tasks autonomously.
- Develop stateful and memory-aware agentic applications using specialized frameworks like LangGraph, focusing on state management and short/long-term memory schemas
- Explore multi-agent scenario, understand architecture and orchestration patterns, and implement workflows
- Evaluate agentic workflows by implementing observability and monitor agents' performance.

Prerequisite: AI, Generative AI, python programming

Module 1: Introduction to Agentic AI	Number of Hours	Bloom's Level
Introduction to Agentic AI: Defining AI Agents, Agent Characteristics, Agents vs. Assistants vs. Models, Types of Agents, Access to Generative Models and Selection, Use Cases and Applications, Agentic Workflows vs. Traditional Workflows, Agentic AI Frameworks: Designing Agentic AI Systems: Core Components (Models, Tools, Memory, Orchestration), Design Principles, Design Trade-offs, Architecture Design Patterns, User Experience Design - Interaction Modalities, Communication Models (synchronous and asynchronous), Context Retention and Continuity, Communicating Agent Capabilities; Practical: - Create a minimal agent (a 'Hello' agent) that should be able to respond to generic questions and run it in both non-streaming and streaming mode. - Create a simple customer support agent that should be able to change the delivery address, cancel, refund for an order and confirm back to the user with all the updated details.	10	Apply

Module 2: TOOLS USE		
Tool types – Local Tools, APIs, Plug-ins, Model Context Protocol (MCP), Automated Tool Development: Orchestration – Agent Types (Query-Decomposition, Reflection and Deep Resea	10	Apply

meet.google.com is sharing your screen. [Stop sharing] [Hide]

Participants: Stop presenting, 5
Ramesh KN, Akash konnur, jayashree r.r, Kakoli Bora

System Clock: 10:20 AM 6/9/2026

From left: Dr. Ramesh Kestur –External Subject Expert, Mr. AkashKonnur-Industry Expert, Dr. Jayashree R - External Subject Expert



External and Internal BOS members of AIML

Q. 11/50

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