

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	BOS Meeting
Date	24/05/2025
Time	11 AM to 1.30 PM
Venue	A-Block, A111(A&B)

Members Present	<ol style="list-style-type: none">1. Dr. Sheba Selvam, Chairperson2. Dr. Umadevi V, VTU Nominee3. Dr. Ramesh Kestur, Subject expert from outside university4. Dr. Mary Anita EA, Subject expert from outside university5. Dr. Jayashree R, Subject expert from outside university6. Mr. Akash Konnur, Industry expert7. Mr. Shashank K S, Industry expert8. Mr. Chandan H, Alumni9. Dr. Tejaswini RM, Member10. Dr. Sunita R, Member11. Dr. Anitha C, Member12. Dr. Mahanthesha U, Member13. Dr. Nagarathna C R, Member14. Mrs. Pavithra H C, Member15. Dr. Kakoli Bora, Member Secretary
Members Absent (Reasons)	-NIL-
Agenda	<ol style="list-style-type: none">1. Welcome address2. Introduction3. Best practices in curriculum design4. Presentation of 2024 scheme and Syllabus of 3rd & 4th semester AIML5. Presentation of 2023 scheme and Syllabus of 5th & 6th semester AIML6. Presentation of 2022 scheme and Syllabus of 7th & 8th semester AIML7. Any other suggestions to the department8. Concluding remarks by member secretary.
Proceedings of the meeting	

- The meeting started with 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.
- Scheme and syllabus of 2024, 2023 and 2022 scheme of Artificial Intelligence and Machine Learning for Autonomous was presented.
- Suggestions by expert members are discussed during the presentation.
- Member Secretary briefed about suggestion discussed and concluded meeting with thank you note.

Recommendations / Suggestions from the BOS Members

Member1 Dr. Umadevi V Professor, Department of CSE, BMSCE, Bengaluru. (VTU NOMINEE)	<ul style="list-style-type: none"> • Suggested to reduce few topics from each module in Gen AI syllabus • Advised to include one complete module on No SQL in the DBMS course. • Advised to look into GATE syllabus while framing syllabus. • Advised to introduce Agentic AI course • Suggested to study all core AIML subjects by 6th semester.
Member2 Dr. Ramesh Kestur Senior Research Fellow and Adjunct Faculty IIIT-B (Subject Expert from outside university)	<ul style="list-style-type: none"> • Suggested to include self-supervised learning, multimodal in Machine Learning and related courses • Suggested to include time-llm for time series forecasting. • Suggested including the taxonomy of generative models in module 2, in the Generative AI course. • Advised to add practical components to build and use LangChain and RAG in Generative AI. • Suggested to reduce theory by adding more applications and RLHF in the RL course • Advised to include multi agentic RL in Reinforcement Learning
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)	<ul style="list-style-type: none"> • Suggested to include security in LLMs in Generative AI. • Suggested to allot the correct number of hours for each course as per credit according to NBA guideline • Advised to include required credits for analytical/mathematics subjects that are needed for higher education.
Member 4 Dr. Jayashree R Professor & Head, CS (AIML), PES University, RR campus, Bengaluru. (Subject Expert from outside university)	<ul style="list-style-type: none"> • Suggested to rename 3rd semester Mathematics to Mathematics for Computer Science or Mathematics for ML • Suggested renaming 4th semester Mathematics to Statistics for Computer Science. • The curriculum is well structured and detailed.

Member 5 Mr. Akash Konnur Software Engineer II, HashedInByDeloitte, Bengaluru. (Industry Expert-1)	<ul style="list-style-type: none"> • Suggested to include CAP theorem and lab experiments on NoSQL database in DBMS. • Advised to take up certification courses like PSPO in SEPM. • Advised to include API development in CNS. • Suggested to add Rust programming language in lower semester.
Member 6 Mr. Shashank K S Senior Security Analyst, Elastic, Bengaluru. (Industry Expert-2)	<ul style="list-style-type: none"> • Suggested to collaborate VR&AR projects with LLMs. • Suggested to include AWS practitioner certification for Cloud Computing course. • Suggested to include security in LLMs as one module.
Member 7 Mr. Chandan H (Alumni)	<ul style="list-style-type: none"> • Suggested to include API invocation like REST, fast API. • Advised to remove types of GANs from Generative AI course and add other important topics. • Suggested to build models from scratch in LLM text generation in Generative AI.
Concluding Remarks by Member Secretary	<ul style="list-style-type: none"> • Module 5 of DBMS should be on NoSQL database and lab components should be added. • In the 2024 scheme, Rust programming language should be added. • In the 2023 scheme, Generative AI should be studied in 6th semester and Agentic AI should be introduced in 7th semester. • In CNS, API development topics should be added. • In Reinforcement Learning, RLHF should be included. • The 5th module of Generative AI should be revised. • Thanked all BOS members for their constructive suggestions.


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