

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	4th BOS Meeting
Date	24/08/2024
Time	11 AM to 1.30 PM
Venue	S-Block, Concept Room, 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. Shashank K S, Industry expert 8. Mr. Chandan H, Alumni 9. Dr. Kakoli Bora, Member 10. Dr. Sunita R, Member 11. Dr. Anitha C, Member 12. Dr. Mahanthesha U, Member 13. Dr. Nagarathna C R, Member 14. Mrs. Pavithra H C, Member 15. Dr. Anusha Preetham, Member Secretary
Members Absent (Reasons)	-NIL-
Agenda	1. Welcome address 2. Introduction 3. Best practices in curriculum design 4. Presentation of 2023 scheme and Syllabus of 3rd & 4th semester AIML 5. Presentation of 2022 scheme and Syllabus of 5th & 6th semester AIML 6. Presentation of 2021 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 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 2021, 2022 and 2023 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)	- Suggested to swap Microcontroller & Embedded Systems as PBL and OOC as PCI course. - Suggested to introduce anyother course in place of R-Programming and advised to make machine learning laboratory using R-Programming. - Advised to look into GATE syllabus while framing syllabus. - Suggested to rename Neural Network & Deep Learning as just Deep Learning in 2022 scheme.
Member2 Dr. Ramesh Kestur Senior Research Fellow and Adjunct Faculty IIIT-B (Subjct Expert from outside university)	- Suggested to map “gaming” track in professional Elective tracks with different applications including VRAR. - Include model selection, hyper parameter choosing, model consideration in Neural Network & Deep Learning.
Member 3 Dr Mary Anita EA, Professor & Head, Dept. of Computer Science & Engineering, Christ (Deemed to be Univeristy), B'luru (Subjct Expert from outside university)	- Suggested to adjust MES credits. - Suggested to introduce course named “Digital Twinning” as an advanced course for VR & AR in professional elective track. - Suggested to provide R-programming course as a workshop. - Advised to use Virtual Labs by IITs. - In course CNS, advised to include one topic on “Quantum Threat” - Suggested to have “Quantum computing” before “Quantum ML”.
Member 4 Dr. Jayashree R Professor & Head, CS (AIML), PES University, RR	- Suggested to include parallel processing in computer Architecture module in COA course. - Suggested to introduce self-learning component. - Suggested to provide a specialization certificate based on the

campus, Bengaluru. (Subject Expert from outside university)	professional elective tracks. Advised not to compromise on CSE core contents in any course.
Member 5 Mr. Akash Konnur Software Engineer II, HashedInByDeloitte, Bengaluru. (Industry Expert-1)	- Suggested to include framework related programs in OOC course. Include memory collection & Garbage collection. Include Automation projects. - Advised to take up certification courses like PSPO-1 - Advised to follow version-control flow in projects. - In CNS, suggested to introduce POSTMAN APIs in practical component. - Suggested to refer and also take up GCP certification online course. - Suggested to move cloud computing course from Professional Elective tracks to core courses.
Member 6 Mr. Shashank K S Senior Security Analyst, Elastic, Bengaluru. (Industry Expert-2)	- Suggested to include mathematics concepts for AI in Ai course. Include practical component on Fourier Series vectors in AI course. - Include practical component on Fourier Series vectors in Java Programming. - In CNS, it was suggested not to use only local host communication in labs. - In ML lab conduction, advised to make use of "HumanGene" dataset. - Suggested to collaborate VR&AR projects with LLMs. - Suggested to refer AWS practitioner certification syllabus to frame Cloud Computing course. - Include pixelization algorithms in Image Processing & Computer Vision course. - In BDA, TASK 1, Include Introduction to Data Warehousing. - Suggested to add a topic called "Fish Bone" analysis in Predictive Analytics.
Member 7 Mr. Chandan H (Alumni)	- Suggested to teach the usage of Open Source issues. - Suggested to teach students Model Serving. Like, MLFlow, CubeFlow. - Suggested to refer GCP Cloud Digital course content for framing Cloud Computing syllabus.
Concluding Remarks by Member Secretary	R-Programming course in 2023 Scheme, 4th Sem need to be replaced. In 2022 Scheme, 6th Sem, Neural Network & Deep

	Learning need to be renamed to just Deep Learning. • Introduce Digital Twinning Course in Professional Elective track. • A topic on Quantum Threat should be added in 2022 Scheme, 5th Sem, CNS. • In 2023 Scheme, 3rd Sem, COA, Include a topic on parallel processing. • In 2022 Scheme, 5th Sem, CNS, introduce POSTMAN APIs in practical component. • Thanked all BOS members for their constructive suggestions.
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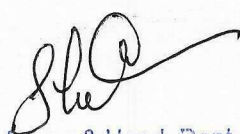
DATE: 24.08.2024



Presenting at the podium: Dr. Sheba Selvam, Head, AIML



From left: Dr. Jayashree from PES, Dr. Umadevi from BMSCE, Dr. Mary Anita from Christ, Mr. Chandan-alumni, Mr. Akash-industry expert, Mr. Shashank-industry expert, Dr. Ramesh Kestur from IIIT-B.


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