M.Tech (Artificial Intelligence & Data Science) Minutes of Meeting

School	School of Engineering
University	Dayananda Sagar University
Program/Department	M. Tech -(Artificial Intelligence and Data Science)
Date	09.05.2026
Time	10.00 A.M to 12.30 P.M
Venue	A-410, Block A, SOE, Main Campus, DSU

Agenda

S. No	Particulars
1.	Deliberation and discussion on the scheme and syllabus for the batch 2026-2028.
2.	Resolution of implementation, review, approval, and revision of the Outcome-Based Education (OBE) framework.
3.	Resolution on curriculum flexibility through various preferences and choices.
4.	Discussion on the stakeholder's feedback on the present curriculum.
5.	Overall suggestions and directions, concluding remarks

Action Items

S. No	Particulars
1.	Finalized the revised scheme and syllabus incorporating the recommendations of the BoS members. Submitted the approved curriculum to the Academic Council for ratification and implement it for the 2026–2028 batch from the ensuing academic year.
2.	Reviewed and updated the syllabus aligned with PEOs, POs, PSOs, COs, and CO–PO mapping to ensure alignment with NBA guidelines, NEP 2020, and stakeholder expectations. Communicated the approved revisions to all course coordinators for implementation.
3.	Strengthened curriculum flexibility by offering Choice Based Credit System (CBCS), Academic Bank of Credits (ABC), Credit Transfer from other institution/Organizations, Specialization Options, Use of Bharatiya Bhashas in Learning and Teaching, Open Electives, MOOC credit transfer provisions, Research Papers & Patent Publications.
4.	Analyzed feedback received from students, industry experts, faculty, and academic peers. Incorporated feasible suggestions into the curriculum revision, laboratory enhancement,

	assessment methods, and skill-development initiatives. Documented the actions taken and communicate them to the concerned faculty members.
5.	Constituted a curriculum implementation and monitoring committee to oversee the execution of the approved curriculum. Conducted periodic reviews of curriculum effectiveness, monitor attainment of outcomes, collect continuous stakeholder feedback, and recommend improvements during subsequent BoS meetings.

Presentation

S.No	Particulars
1.	Presented the proposed curriculum structure for the M. Tech batch 2026-2028.
2.	Presented the scheme and syllabus for the M. Tech I & II Semesters batch 2026-2028.
3.	Highlighted the major changes and additions proposed in line with industry trends and academic relevance.

Discussions on Agenda

S. No	Discussions Brief
1.	**Deliberation and discussion on the scheme and syllabus for the batches 2026-2028:** The BoS members were informed that the scheme 2026-2028 will be implemented for the M. Tech program of 2026-2028 batches of students. During the meeting, a comprehensive discussion was held on the courses across all 4 semesters. The following suggestions and changes were proposed by the expert members. All POs, PSOs and PEOs were approved by the board. **Semester-wise Curriculum Review:** Each semester's course structure was reviewed in detail, and alignment with industry trends and academic standards was discussed. **Hands-on Based Learning:** The members of the board suggested to integrate R language/ MATLAB from Module 1 in course Statistics and Probability so that students are enriched with practical knowledge. Additionally, for Data Analysis and Visualization, the members suggested to integrate advanced libraries like plotly and spatial analytics. The suggestion included refinement of experiments with use cases. Emphasis on Hands-on session for Professional Elective Courses was suggested.

	Revision of Syllabus: The expert members suggested enhancing the course content of Data Engineering & Pipeline by incorporating concepts related to improving data processing speed, scalability, and efficient pipeline orchestration in modern data engineering systems. Members recommended including: • Introduction to workflow orchestration and pipeline management tools such as Argo and Flyte. • Concepts of distributed coordination using ZooKeeper. • Messaging and streaming fundamentals including Publisher–Subscriber architecture, Redis, and the significance of Apache Kafka in real-time data processing along with Live data challenges. • Basic Docker concepts for containerization and deployment of data pipelines. • Introduction to Apache Airflow for workflow scheduling and monitoring. • Hands-on sessions and practical demonstrations using industry-relevant tools and pipeline frameworks to strengthen implementation skills.
2.	**Overall suggestions and directions, Concluding remarks** **Overall Suggestions and Directions** 1. The Board appreciated the efforts made in designing a curriculum that blends Artificial Intelligence and Data Science with current industry-trends, academic requirements and advanced approaches. 2. Members emphasized: • Strengthening practical, hands-on and lab-integrated learning across semesters. • Aligning course outcomes with industry needs, emerging technologies, and recruitment trends. • The Board also noted that inclusion of modern tools such as Apache Kafka, Docker, Airflow, Argo, Flyte, and Redis in Data Engineering & Pipeline would help bridge the gap between academic learning and evolving industry practices in scalable data processing and pipeline management. • Introduce new professional electives. • Inclusion of MOOC credit transfer provision, research-based learning. **Concluding Remarks** 1. The BoS members expressed satisfaction with the direction and quality of the proposed scheme 2026-28 batch.

	2. All suggestions—including course restructuring, content revisions and curriculum enrichment—will be incorporated into the final draft of the scheme. 3. The meeting concluded with appreciation for the active participation and valuable insights shared by all BoS members, contributing significantly to the academic excellence and relevance of the CSE (AI & DS) program.

22/05/2026

Dr Poongodi T
Signature of Chairman of BOS with Date

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