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

School	School of Engineering
University	Dayananda Sagar University
Program/Department	B. Tech - CSE (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 batches 2026-2030, 2025-2029 [3rd & 4th semester] and 2024-2028 [5th – 6th semester].
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), Multiple Entry and Multiple Exit (MEME), Academic Bank of Credits (ABC), Credit Transfer from other institution/Organizations, Dual/Integrated Degree Programme, Major/Minor Options, Use of Bharatiya Bhashas in Learning and Teaching, Open Electives.

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 B. Tech batches 2026-2030, 2025-2029 [3rd & 4th semester] and 2024-2028 [5th – 6th semester].
2.	Presented the scheme and syllabus for the B. Tech III & V Semesters batch 2024-2028.
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 2026-2030, 2025-2029 [3rd & 4th semester] and 2024-2028 [5th – 6th semester]:** The BoS members were informed that the scheme 2026-2027 will be implemented for the 2024-2028, 2025-29 and 2026-2030 batches of students. All POs, PSOs and PEOs were approved by the board. During the meeting, a comprehensive discussion was held on the courses across all 8 semesters. The following suggestions and changes were proposed by the expert members. **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:** Greater emphasis on Hands-on Session for Professional Elective Courses from early semesters was suggested.

	Revision of Curriculum Structure for Core Programming Subjects: It was suggested that the current combined DSA course be separated into two distinct courses: **Data Structures (DS) and Design & Analysis of Algorithms (DAA)**. The members observed that many companies continue to assess students on core problem-solving and fundamental algorithmic concepts during recruitment processes. Separating the subjects would help students build stronger foundational knowledge, improve analytical and coding skills, and enhance preparedness for technical interviews and competitive programming. Additionally, the Board suggested converting the Data Communication and Networks course into a lab-integrated subject to strengthen students' practical understanding and hands-on networking skills. The members also recommended refining the syllabus in alignment with the proposed Cyber Range facility under the upcoming Centre of Excellence (CoE), so as to incorporate industry-relevant cybersecurity and network simulation concepts.
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. • Ensuring an appropriate balance between theoretical knowledge and practical implementation to improve employability and higher education readiness. • Introduce new professional electives emphasizing skill-based training, embedded apprenticeship and/or field work. • Inclusion of MOOC credit transfer provision. • Value-Added Courses aligned with industry requirements. **Concluding Remarks** 1. The BoS members expressed satisfaction with the direction and quality of the proposed scheme 2026-27 for the 2024-2028, 2025-29 and 2026-30 batches. 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.

22/04/2026

Dr Poongodi T
Signature of Chairman of BOS with Date

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