Department of CSE (Data Science)

Proceedings of BOS Meeting

School: School of Engineering

College: Dayananda Sagar University

Program/Department: B. Tech / Computer Science & Engineering (Data Science)

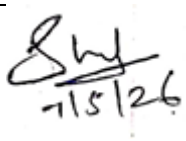
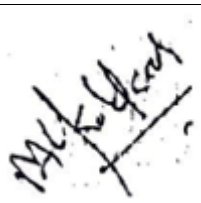
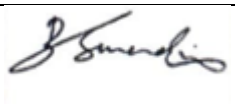
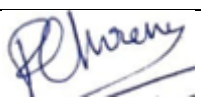
Mode of BoS Held: Hybrid (https://meet.google.com/cwa-viih-ewy)

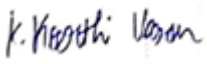
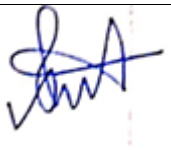
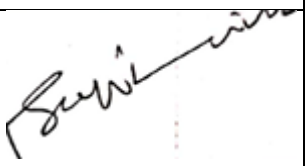
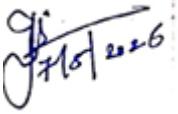
Date: 7th May 2026

Venue: A411, Block A, SOE, Main Campus, DSU

Time: 2:00PM to 4:00 PM

Members Present:

SL. No	Name	Designation & Affiliation	Signature
1.	Dr. Shaila SG (Ph D from NIT-T)	Professor & Chairman, Dept. of CSE (Data Science), SoE Dayananda Sagar University Mobile: 8884560635 Email: chairman-ds@dsu.edu.in,	
2.	Dr. Mahesh Kumar H.Kolekar (IIT- Patna)	Associate Professor, Electrical and Electronics Dept, IIT Kharagpur, Post-Doctoral Fellow, Dept of Computer Science, University of Missouri, MO, USA Mobile: 8986184240 Email: mahesh@iitp.ac.in	
3.	Dr. Surendiran K (NIT-Puducherry)	Associate Professor, Department of CSE, NIT-Puducherry Mobile: 9942761363 Email: surendiran@nitpy.ac.in	
4.	Dr. K S Sreedhar (Ph D from IIT-K)	Professor, Dept. of CS & E, UBDT College of Engineering, Davanagere Mobile: 9900135495 Email: rajashekhar.hiremath@in.ibm.com	
5.	Mr Rajashekhar Hiremath	Senior Manager, IBM India Software Labs, Embassy Links, Embassy Cypress Pt Indiranagar- Koramangala,	

		Intermediate Ring Rd, Bangalore, KA 560071, IN Mobile: 9380060460 Email:ks_shreedhara@yahoo.com	
6.	Mr.Keerthi Vasan K	Software Engineer – II Microsoft Inc, Prestige Business PARK,33,Marathalli – Sarjapur, Bellandur, Bengaluru ,Karnataka, 560103	
7.	Dr. Suresh Arumugam	Associate Professor, Dept of CSE (Data Science), Dayananda Sagar University Mobile: 9597490540 Email: suresh-ds@dsu.edu.in	
8.	Dr. Santhosh Kumar G	Associate Professor, Dept of CSE (Data Science), Dayananda Sagar University Mobile: 9916261385 Email: santhoshg-ds@dsu.edu.in	
9.	Dr. Gopi Krishna T	Associate Professor, Dept of CSE (Data Science), Dayananda Sagar University Mobile: 9550540324 Email: tiruveedula-ds@dsu.edu.in	
10.	Dr. Pavan Kumar U	Assistant Professor, Dept of CSE (Data Science), Dayananda Sagar University Mobile: 9986906484 Email: drpavankumaru-ds@dsu.edu.in	
11.	Dr. Jobin Thomas	Assistant Professor, Dept of CSE (Data Science), Dayananda Sagar University Mobile: 9995070754 Email: jobinthomas-ds@dsu.edu.in	
12.	Prof. Monish L	Assistant Professor, Dept of CSE (Data Science), Dayananda Sagar University Mobile: 9663109514 Email: monishl-cse@dsu.edu.in	

Minutes of Meeting

Minutes of Meeting of the Board of Studies held on 07th May 2026.

Agenda

SL.No	Particulars
1	Discussion on Curriculum scheme 2026, 2025, 2024 and 2023 batches
2	Program Structure and Credit Mapping
3	Discussion on 2026 syllabus
4	AI Transformation and NVIDIA/DLI Integration
5	Assessment Framework Review
6	Professional Elective (PE) Buckets, Internships, and Certification Alignment
7	Industry Relevance and Employability Enhancement
8	Minors and Honors program courses

Action Taken Report

Discussions on Agenda

Agenda	Discussions Brief
1	**Discussion on Curriculum Scheme 2026, 2025, 2024 and 2023 Batches** 1. The curriculum scheme was presented to the BoS members and appreciated. 2. Design Studios were recognized as a key addition to the program. 3. Entrepreneurship courses were appreciated. 4. Authentic Intelligence courses were positively received. 5. Professional Elective buckets were appreciated by all members.
2	**Program Structure and Credit Mapping** 1. The overall program structure comprising approximately 160 credits across eight semesters was reviewed. 2. Stronger mapping of courses towards AI transformation initiatives was appreciated. 3. Integration of NVIDIA Deep Learning Institute (DLI) programs was appreciated. 4. Alignment with industry certifications and Center of Excellence (COE) activities was noted.

3	**Discussion on 2026 Syllabus** 1. Suggested to enhance mathematical foundation clarity and introduce Neural Networks as part of the Deep Learning course. 2. Suggested to rename "Computer Networks and Distributed Systems" to "Computer Networks". 3. Recommended strong emphasis on Python, Java, C/C++, and CUDA Programming. 4. Suggested strengthening Object-Oriented Programming concepts and problem-solving skills. Recommended deployment-oriented practical learning.
4	**AI Transformation and NVIDIA/DLI Integration** 1. Department-wide DLI faculty preparedness was emphasized. 2. GPU-enabled AI learning environments were recommended. 3. Industry-standard AI development practices were stressed. 4. Hands-on exposure through COE facilities including NVIDIA DGX, AR/VR, Cybersecurity, and Makerspace initiatives was recommended.
5	**Assessment Framework Review** 1. Applying a cap for both SEE (Semester End Examination) and CIA (Continuous Internal Assessment) components was strongly recommended. 2. Developing and implementing standardized rubrics across all courses was recommended.
6	**Professional Elective (PE) Buckets, Internships, and Certification Alignment** 1. Increase flexibility in PE baskets to allow students to opt for courses across domains. 2. Integrate MOOCs for skill-development support. 3. Distribute internship-related activities throughout the semester to enhance continuity and industry engagement. 4. Explore subsidized or discounted certification models to reduce financial burden on students. 5. Members highly appreciated that 135 students have successfully completed globally recognized industry-standard Cloud certifications on Microsoft Azure and Oracle Inc., and recommended continuing such initiatives with more courses to ensure real outcome-based education
7	**Industry Relevance and Employability Enhancement** 1. Generative AI was appreciated as an emerging domain. 2. Explainable AI (XAI) was included and appreciated. 3. Retrieval-Augmented Generation (RAG) was appreciated. 4. Agentic AI Tooling was recognized. 5. Enterprise AI Deployment was appreciated. 6. AI System Design and Deployment was appreciated. 7. Suggested to introduce practical AI agent-building exposure from early semesters.
8	**Minors and Honors Program Courses** 8. The Minors Programme (18 credits, 5 courses, Semesters 4–8) was appreciated and the Honors Programme (18 credits, 6 courses, Semesters 5–8) was appreciated. 9. 100% mapping of both programmes to NVIDIA Deep Learning Institute (DLI) content was appreciated. 10. Delivery of both programmes on the NVIDIA DGX cluster was appreciated.

	11. Progressive structure of the Minors track — from AI-Driven Data Engineering through GPU Accelerated Data Mining, High-Performance Big Data Analytics and Deep Learning for AI, culminating in the DGX Data Science Project — was appreciated. 12. Advanced GPU specialization in the Honors track — Computer Vision Systems, Accelerated Data Processing, Autonomous & Video Analytics, Scalable AI Model Training, Conversational AI Systems and Cybersecurity Analytics — was appreciated. 13. Suggested to ensure adequate DGX cluster scheduling and faculty readiness to support both tracks concurrently.

Overall Suggestions, Directions & Concluding Remarks

Agenda	Decisions / Resolutions / Recommendations
1–7	1. Decision was taken to incorporate all changes and suggestions recommended by the BoS members into the revised B.Tech CSE (Data Science) curriculum framework for the 2026–2030 academic scheme. 2. Decision was taken to explore subsidized certification models to reduce financial burden on students. 3. Decision was taken to ensure faculty by conducting FDP & Workshops to keep readiness for NVIDIA DLI programs and GPU-based AI learning environments. 4. Decision was taken to approve the Minors Programme (18 credits, Semesters 4–8) and the Honors Programme (18 credits, Semesters 5–8), both fully mapped to NVIDIA DLI content and delivered on the NVIDIA DGX cluster.

- List of Enclosures based on Decisions/Resolutions/Recommendations submitted:

S.No.	Particulars
1	BoS Members list
2	Proceedings of the BoS Meeting Agenda 1-7
3	Scheme and Syllabus of 2023 Batch 7th - 8th semester
4	Scheme and Syllabus of 2024 Batch 5th - 8th semester
5	Scheme and Syllabus of 2025 Batch 3rd - 8th semester
6	Scheme and Syllabus of 2026 Batch 1st - 8th semester
7	Feedback Analysis on the curriculum of the Academic year 2024-2025

Signature of Chairman of BOS with Date

Dr Shaila SG

BoS Glimpses

