

Agenda Item No. 1: To Review and Approve the Course Structure for M.Sc. in Data Science
(w.e.f. Entry Batch 2025)

The proposed course structure for the M.Sc. programme in Data Science was placed before the Board for consideration and discussion.

The Board members thoroughly reviewed the structure and after deliberation, approved the course structure with the following modifications:

1. The course titled "Statistics and Exploratory Data Analysis" in the first semester was proposed to be renamed as "**Statistics and Probability for Analytics**" – the proposal was reviewed and approved.
2. The elective course "Database Technologies" was proposed to be merged with the existing course "Introduction to Linux". The revised course is now titled "**Introduction to Linux and Database Technologies**", to be offered in the first semester.
3. The elective course "**Data Visualization**" in the second semester was proposed to be included as a core in place of the course "Time Series". The course on "Time Series" has been added to the bucket list of electives.
4. A new elective course titled "**Emerging Technologies in AI**" was proposed to be added in the fourth semester. The proposal was reviewed and approved by the Board.

The revised and approved course structure is attached as **Annexure 'A'** for reference.

Agenda Item No. 2: To consider and approve the Course Codes for M.Tech (Artificial Intelligence) Courses

The proposed course codes for all courses under the **M.Tech (Artificial Intelligence)** programme were placed before the members of the Board of Studies for consideration. The Board reviewed the course codes in accordance with the existing Academic Regulations and the specific programme requirements.

The list of course codes assigned is attached herewith as **Annexure 'B'** for reference and record.

After due deliberation, the Board approved the course codes and corresponding course structure as presented.

Agenda Item No. 3: To consider and approve Program Specific Outcomes (PSOs) for B.Tech and M.Tech Program

The Program Specific Outcomes (PSOs) for the B.Tech and M.Tech programs, as vetted and recommended by the Academic Affairs Committee (AAC), were placed before the Board of

The committee was requested to deliberate on the proposed PSOs in the context of the respective programme objectives, curriculum alignment, and industry relevance.

Agenda Item No. 4: Action Taken on the Request of Mr. Abhas Kumar (Entry No. 14BCSO01) for Permission to Complete B.Tech. Degree.

a. Agenda Item No. 37.17 of the 37th Meeting of the Academic Council, SMVDU
b. Ref No. SMVDU/AA/25/366 dated 05/06/2025

The matter pertained to Mr. Abhas Kumar's request seeking permission to appear in backlog examinations and pursue the 8th semester in order to complete the degree. However, the Academic Council, in its 37th Meeting, did not approve the request, citing previous decisions and the student's academic record.

The matter was placed before the BoS members for information.

Agenda Item No. 5: Action Taken with Respect to Agenda Item No. 37.43(E) of the 37th Meeting of the Academic Council of SMVDU

- a. Agenda Item No. 37.43(E) of the 37th Meeting of the Academic Council, SMVDU
- b. IOC Ref. No.: SMVDU/AA /25/370 dated 05/06/2025

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After thorough deliberation, the Board reviewed and approved the updated syllabus for the *High Performance Computing* course.

As per the mandate of the 37th Academic Council Meeting, the School of Computer Science & Engineering (SoCSE) proposed the introduction of a new elective course titled *Research Project* under the category of School Electives / Discipline Elective Courses (DEC). The course aims to promote a research-oriented mindset among undergraduate students and encourage early academic and scientific contributions.

The detailed guidelines for the course, as prescribed in the new academic framework, were presented and are enclosed as **Annexure 'G'**.

1. Registration for the course shall begin in the 5th semester, with the provision that interested students shall receive adequate guidance and mentorship from faculty members before registration
2. If a student is unable to meet the publishing requirement (i.e., in SCI / SCI Expanded / Scopus / ABDC / SSCI / Premier / Commendable Research categories without impact factor) by the end of the 7th semester, the student shall be given the option to switch to another elective course in the 8th semester to ensure timely completion of the B.Tech degree.

The Board approved the introduction of the *Research Project* course as an elective in the B.Tech curriculum from the Entry Batch 2024 onwards, along with the guidelines and provisions mentioned above.

The Board was apprised that, in accordance with the mandate of the 37th Meeting of the Academic Council, the School of Computer Science & Engineering (SoCSE) has proposed the introduction of a new elective course titled *Entrepreneurship and Venture Development*. This course is to be

offered under the category of School Electives / Discipline Elective Courses (DEC) in the B.Tech curriculum.

As per the resolution passed in the 37th Academic Council meeting, the course is proposed to be incorporated into the B.Tech programme structure from the Entry Batch of 2024 onwards, and offered in the **5th semester as School Elective II**.

The detailed guidelines for the course, as specified in the new academic framework, are enclosed as **Annexure 'G'**, and the revised course structure including this course is attached as **Annexure 'H'** for review

The following key points and clarifications were discussed

- Enrolment of students must be permitted for internship along with the course *Entrepreneurship and Venture Development*, as attendance shall not be a mandatory criterion, in accordance with the Academic Rules and Regulations prescribed for this elective course.
- The expert members recommended that this clarification be explicitly communicated to students well in advance, to facilitate informed decision-making and smooth academic planning.

After due deliberation, the Board approved the inclusion of the course *Entrepreneurship and Venture Development* in the B.Tech curriculum for the Entry Batch 2024 onwards, with the observations and suggestions duly noted and taken into consideration.

Agenda Item No. 11 Analysis of Student Feedback on Curriculum Development and Resultant Revisions in B.Tech Course Structure.

The Board was apprised of the recent initiatives taken by the School of Computer Science & Engineering (SoCSE) in response to student feedback on the B.Tech curriculum. The feedback, compiled and attached as **Annexure 'J'**, was analysed thoroughly and used to inform curriculum enhancement decisions.

Based on this feedback, the following actions have already been initiated:

- The B.Tech curriculum has been updated with relevant modifications to better align with academic standards and evolving industry expectations.
- The School has proposed to introduce Honours Programs and Minor Specializations starting from the 5th semester, applicable from the B.Tech Entry Batch 2023 onwards, in line with the mandate of the 37th Academic Council Meeting.
- The Lecture-Tutorial-Practical (L-T-P) structure of selected elective courses has been revised to improve pedagogical delivery and enhance student learning outcomes.

Specifically, the L-T-P structures of the following courses have been revised based on curriculum feedback and internal evaluation:

- Nature Inspired Algorithm
- Cloud Computing
- Internet of Things (IoT)

The updated syllabi for the above-mentioned courses are attached as **Annexure 'K'** for review.
The proposed revised course structures for:

- B.Tech Entry Batch 2023 is attached as **Annexure 'I'**, and
- B.Tech Entry Batch 2024 onwards is attached as **Annexure 'H'**.

The proposed revisions to the curriculum structure, L-T-P components, and course codes were placed before the Board for review and approval.

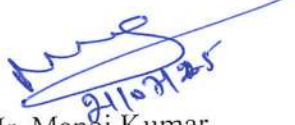
The Board approved the proposed revisions in the B.Tech curriculum for both Entry Batch 2023 and Entry Batch 2024 onwards, including:

- Modifications based on student feedback.
- Revisions in the L-T-P structures of elective courses.
- Updated course codes and B.Tech course structures.

The meeting concluded with the Chairperson thanking all members, including the external expert, for their valuable inputs.

The meeting ended with a formal vote of thanks.

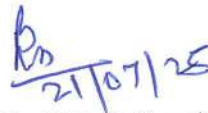

21/7/25
Dr. Sakshi Arora
Associate Professor &
Member Secretary, BoS

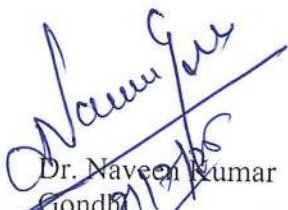

21/07/25
Mr. Manoj Kumar
Verma
Assistant Professor &
Associate Head,
Member

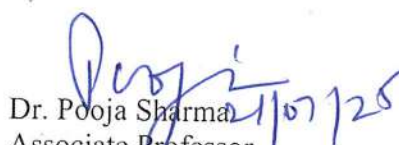

21.7.25
Prof. (Dr.) Manoj Kumar
Gupta
Professor
Member


22/7/25
Dr. Sunanda
Associate Professor & Head
(School of Computer Science & Engineering)


Prof. (Dr.) Ajay
Kaul
Professor
Member

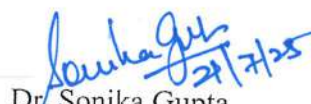

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Dr. Baij Nath Kaushik
Associate Professor
Member


Dr. Naveen Kumar
Associate Professor
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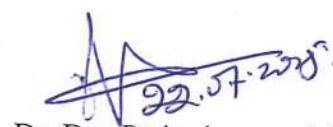

Dr. Pooja Sharma
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Dr. Archana Purwar
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Dr. Rohit Tanwar
Associate Professor
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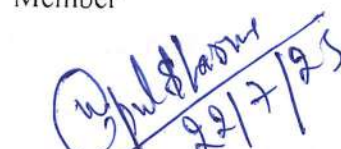

Dr. Sonika Gupta
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Mr. Sanjay Kumar Sharma
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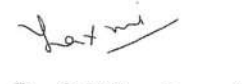

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Dr. Vipal Kumar Sharma
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Special Invitee,
Member


Prof. Vijay Laxmi
MNIT Jaipur
External Expert

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4. Dr. Ravi Datta Sharma, Associate Professor, School of Biotechnology
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