

SNJB's
Late Sau. Kantabai Bhavarlalji Jain
College of Engineering

Shri Neminath Jain Brahmacharyashram (SNJB) (Jain Gurukul)
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ESTD - 1928

SNJB

Department of Computer Engineering

Board of Study (BoS)

Meeting - 05 (41BoSCSE05)

Meeting Date: 9/12/2025

MeetingTime: 2:00 PM

Mode: Online Zoom Platform



Present Members:

SN	Name	Designation	Institute/Industry	Sign/Remark
1	Dr. Kainjan M. Sanghavi	BoS Chairman, SNJB COE	SNJB KBJ CoE	Online Via Zoom
2	Dr. Parkshit Mahale	BoS Chairman, SPPU	SPPU, Pune VIT, Pune	Online Via Zoom
3	Dr. Varsha Patil	External Expert member	Matoshri COE, Research Center	Online Via Zoom
4	Dr. Dipti Patil	External Expert member	Cummins CoE, Pune	Online Via Zoom
5	Dr. Girish K. Patnaik	Academic Expert	SSBT CoE, Jalgaon	Online Via Zoom
5	Dr. Mahesh R. Sanghavi	Member	SNJB KBJ CoE	Online Via Zoom
6	Dr. Khyati R. Nirmal	Member	SNJB KBJ CoE	Online Via Zoom
7	Prof. Bhavana Khivsara	Member	SNJB KBJ CoE	Online Via Zoom
8	Prof D. R. Agarwal	Member	SNJB KBJ CoE	Online Via Zoom
9	Prof. Deepali P. Pawar	Member	SNJB KBJ CoE	Online Via Zoom
10	Prof. Dnyaneshhwar S. Rajnor	Member	SNJB KBJ CoE	Online Via Zoom
11	Prof. Pankaj S. Desai	Member	SNJB KBJ CoE	Online Via Zoom
12	Prof. Ghanshyam P. Dhomse	Member	SNJB KBJ CoE	Online Via Zoom
13	Prof. M.D.Kawade	Member	SNJB KBJ CoE	Online Via Zoom
14	Dr. S. B. Jadhav	Member	SNJB KBJ CoE	Online Via Zoom
15	Dr. Neha P. Bora	Member	SNJB KBJ CoE	Online Via Zoom

SN	Name	Designation	Institute/Industry	Sign/Remark
16	Prof. Parag N. Achaliya	Member	SNJB KBJ CoE	Online Via Zoom
17	Prof. Amol J. Shakadwipi	Member	SNJB KBJ CoE	Online Via Zoom
18	Prof. Swati V. Sinha	Member	SNJB KBJ CoE	Online Via Zoom
19	Prof.N. S. Khairnar	Member	SNJB KBJ CoE	Online Via Zoom
20	Prof. Y. K. Desai	Member	SNJB KBJ CoE	Online Via Zoom
21	Prof. Sandeep S. Wadnere	Member	SNJB KBJ CoE	Online Via Zoom
22	Prof. G. H. Deshmukh	Member	SNJB KBJ CoE	Online Via Zoom
23	Prof. Monika P. Surse	Member	SNJB KBJ CoE	Online Via Zoom
24	Prof.K.A.Jain	Member	SNJB KBJ CoE	Online Via Zoom
25	Prof.Y.S.Patil	Member	SNJB KBJ CoE	Online Via Zoom
26	Prof. Ramesh P. Daund	Member	SNJB KBJ CoE	Online Via Zoom
27	Mr. Gaurav Polekar	Member	Alumni Expert	Online Via Zoom
28	Dr Sachin Sakhare	External Expert member	VIT , Pune	Online Via Zoom
29	Dr. Nilesh Uke	Academic Expert	BoS Chairman, SPPU, Pune	Online Via Zoom

Absent Members:

SN	Name	Designation	Institute/Industry	Sign/Remark
1	Dr. Meera Narvekar	Academic Expert	Academic Expert	No Information
2	Ms. Shweta Rao	Member	Alumni Expert	No Information
3	Sagar Surana	Member	Industry Member	Prior Commitments
4	Priten Nayak	Member	Industry Member	Office Work
5	Sandeep Shinde	Member	External	Out of Station with other Commitments
5	Mr Shashank Umbardand	Delivery Head	Tata Consultancy Services	No Information
6	Mr. Shital Vyanktesh	Senior Director, Product Management,	USA	No Information
7	Dr. Deepa Deshpande	Academic Expert	MGM University, Aurngabad	Prior Commitments

Glimpses of a meeting-

The image shows two screenshots from a Zoom meeting. The top screenshot displays a welcome slide for a meeting on December 9th, 2025, at SNJB's College of Engineering. The bottom screenshot shows a presentation slide titled '24-PCC-CS-3-01: Data Science and Machine Learning' with a table of syllabus revisions and improvements.

Zoom Meeting Participants: Dr. Mahesh S..., Dr. Dipti Patil, Prof. V. H. Pat..., Dr. Karjan Sanghavi, Girish Kumar Patil, Dr. Mahesh Sanghavi I., Dr. Dipti Patil, Prof. V. H. Patil, Malok.

Welcome Slide:

Welcome

T.Y. B.Tech Syllabus Meeting With BoS Computer Engineering 9th December 2025

SNJB's Late Sau. Kantabai Bhavarlalji Jain **COLLEGE OF ENGINEERING**

(Autonomous Institute, Affiliated to SPPU, Pune) NAAC 'A+' Grade, NBA Accredited
(Jain Gurukul) Neminagar, Chandwad - 423101, Dist. Nashik, Maharashtra State, India

24-PCC-CS-3-01: Data Science and Machine Learning **KRN/MRS**
Course Type: PCC

Syllabus Revisions and Improvements

Revision No. with Link and Date	Suggestions	Improvements
DRAFT 1	<ul style="list-style-type: none"> Use only previous semester topics Remove model type details. Exclude DBSCAN & Spectral Clustering. Skip Model Evaluation Principles. 	All suggested revisions are incorporated, including simplification of topics and prerequisite refinement.
DRAFT 2	Gradient Descent Parser	Included conceptual view in VI unit and Practical in Companion course
Final Draft	Click Here	

SNJB Internal Members

- Dr. M. R. Sanghavi
- Dr. Khyati R Nirmal
- Prof. G. P. Dhomse

Industry Experts

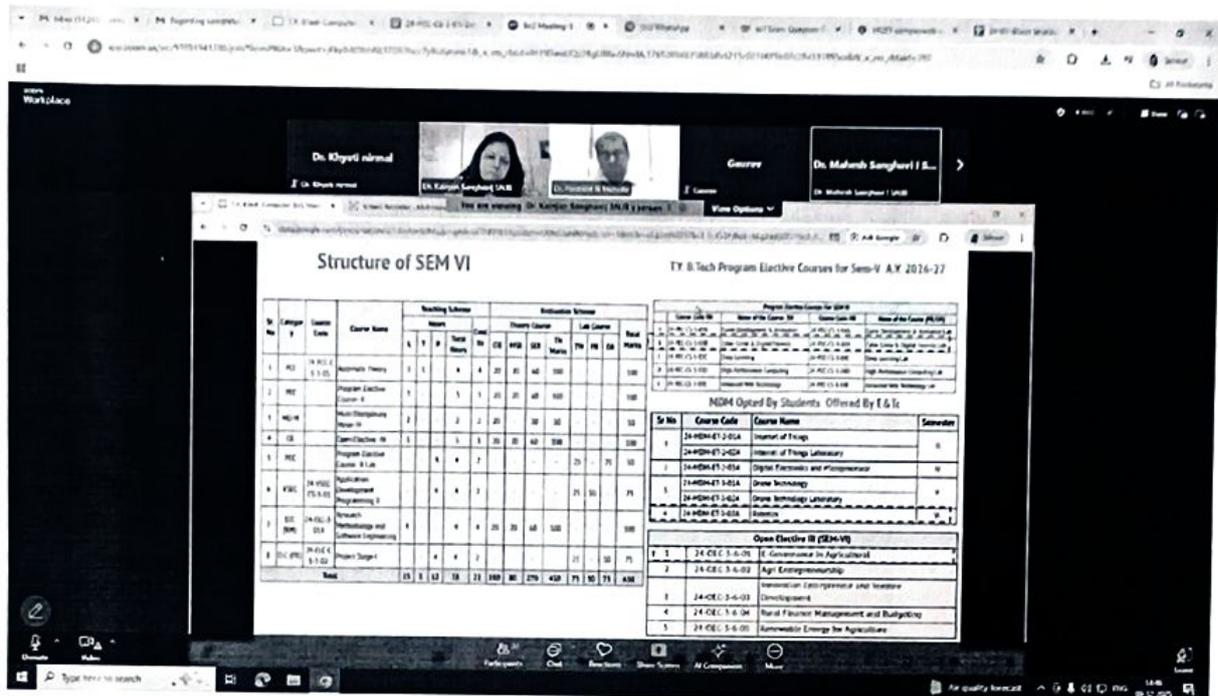
- Mr. Sagar Surana
Cluster Head Delivery, Onix, Pune

External Academic Experts

- Dr. Mininath Bendre
Associate Professor, Department of Computer Engineering, Pravara Rural Engineering College, Loni

External Member's Suggestions

- Consider Gradient Descent



Resolution	<p>All BoS Members accepted the invitation and gave consent to work in a Team also briefed members on the outcomes of the previous BoS meeting held on 8 July 2025, where:</p> <p>UG and PG curriculum structures were approved. Revisions were aligned with NEP 2020 and AICTE guidelines. The course <i>Programming and Problem Solving</i> underwent renaming and content updates.</p> <p>Members noted that implementation of these changes for the 2025–26 First Year B.Tech. batch yielded positive academic outcomes.</p> <p>Faculty feedback, alumni input, and industry expert suggestions were incorporated into syllabus revisions.</p>
41BoSCSE04.02: Review of S.Y. B.Tech curriculum for A.Y 2025-26 Batch (2025-29)	
Discussion	<p>The BoS Chairman Overview of Semester-wise Curriculum Progression presented a summary of curriculum progression:</p> <ul style="list-style-type: none"> • Semester I–II: Programming, C/C++, Object-Oriented Programming using Java. • Semester III: Discrete Mathematics, Data Structures, Computer Organization, MDM introduction. • Semester IV: DBMS and Design & Analysis of Algorithms (already approved).
41BoSCSE04.03: Review of T.Y. B. Tech curriculum For A.Y 2025-26 Batch Sem V	
Discussion	<p>The BoS Chairman presented the revisions made in select courses such as Data Science and Machine Learning and Computer Networks.</p> <ul style="list-style-type: none"> • The Program Elective Courses (PEC) are organized into five baskets, namely Computer Graphics, Information & Network Security, Artificial Neural Networks, Pervasive Computing, and Web Technology.
Resolution	<p>The revisions presented by the BoS Chairman in the courses Data Science and Machine Learning and Computer Networks are approved and recommended for implementation.</p>
41BoSCSE04.04: Review and suggestions on the T.Y. B.Tech. curriculum for A.Y. 2025–26 with respect to the correction of the Environmental Studies course.	

Discussion	<p>BoS Member suggested that:</p> <ul style="list-style-type: none"> ● As per the recent UGC circular, the subject name must be "Environmental Studies", not <i>Environmental Science</i>. ● Conducting the course as project-based learning. ● Allocating 4 hours as lab work for better alignment with Computer Engineering students.
Resolution	<ul style="list-style-type: none"> ● Course ownership at the central level remains with the Civil Engineering department. ● The assessment scheme can be customized for Computer Engineering. ● Subject renamed to Environmental Studies. ● Assessment to be project-based, with lab-oriented evaluation.
<p>41BoSCSE04.05: Review of Multidisciplinary Minor (MDM) Discussion</p>	
Discussion	<p>Dr. Parikshit Mahale emphasized on :</p> <ul style="list-style-type: none"> ● As per NEP, MDM should be treated as multidisciplinary, not department-specific. ● The term "ENTC" should be removed from MDM descriptions
Resolution	<ul style="list-style-type: none"> ● Resolved that, as per NEP guidelines, MDM courses shall be treated as multidisciplinary and not department-specific. ● Resolved that the term "ENTC" shall be removed from all MDM course descriptions accordingly.
<p>41BoSCSE04.6: Review of Artificial Intelligence, Data Science & Machine Learning</p>	
Discussion	<p>Dr Deepti Patil strongly recommended:</p> <ul style="list-style-type: none"> ○ Artificial Intelligence (AI) should be introduced.

	<ul style="list-style-type: none"> ○ ANN can be a part of AI, not a standalone elective. ● Concerns raised: <ul style="list-style-type: none"> ○ Risk of “half-coverage” if DS & ML are combined into one course. ○ Importance of aligning AI syllabus with current industry trends.
Resolution	<ul style="list-style-type: none"> ● Resolved that Artificial Neural Networks (ANN) shall be integrated as a module within the AI course rather than offered as a standalone elective. ● To avoid the risk of incomplete or “half-coverage.” A new Course Python Programming for Data Science Added in Sem VI and Data Science and Machine Learning shifted further. ● Resolved that the AI syllabus shall be aligned with current industry trends and emerging technologies for better student preparedness.
41BoSCSE04.07: Review of T.Y. B. Tech curriculum For A.Y 2025-26 Batch Sem VI	
Discussion	<p>Members discussed the integration of Research Methodology with Software Engineering and expressed significant criticism regarding this combination.</p> <p>Members noted the introduction of Project Stage I.</p>
Resolution	<ul style="list-style-type: none"> ● Resolved that the proposal to integrate Research Methodology with Software Engineering was discussed and noted with significant concerns ● Separated the Courses as Software Engineering and Research Methodology each for Credit 3 and Credit 4.
41BoSCSE04.08: Discussion and approval of PEC course name	
Discussion	Members recommended the continuation of Program Elective Course (PEC) baskets with advanced-level courses
Resolution	Resolved that the continuation of Program Elective Course (PEC) baskets with advanced-level courses is approved and recommended.
41BoSCSE04.09 : Open Electives Discussion	
Discussion	BOS Members highlighted:

	<ul style="list-style-type: none"> As per NEP, Open Electives must be from faculties other than the major faculty. <p>Suggestion by Members:</p> <ul style="list-style-type: none"> If offered within engineering disciplines, label courses as Generic Electives.
Resolution	Resolved that, as per NEP guidelines, Open Electives shall be offered from faculties other than the major faculty.

Swati V. Sinha
Prepared By
Swati V. Sinha

AJ
Verified By
Prof. A.J. Shakadwipi

Kainjan Mahesh Sanghavi
Dr. Kainjan Mahesh Sanghavi
BoS Chairman

CHAIRMAN
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