

Shri Govindram Seksaria Institute of Technology & Science, Indore

Department of Computer Engineering

Date: 06/03/2025

Minutes of Meeting of Board of Studies in Computer Engineering held on 06/03/2025

A meeting of members of Board of Studies (BoS) in Computer Engineering was held on Tuesday, 06/03/2025 at 03:30 pm in hybrid (online-offline) mode.

Following member attended the meeting:

1.	Dr. Anuradha Purohit (Professor & Head, Department of Computer Engineering)	Chairperson
2.	Dr. Awadhesh Kumar, Assoc. Prof.Comp., Engg.,KNIT, Sultanpur,(U.P.)	Member,External Expert (Online)
3.	Dr. Roopam Gupta, Professor,Comp. Engg., UIT,RGPV, Bhopal	Member,External Expert (Online)
4.	Mr.V. R. Sathe,IT Consultant	Member,External Expert
5.	Mr. Sudarshan Varma	Member,External Expert (Online)
6.	Prof. D. A. Mehta, Professor, Department of Computer Engineering	Member (Online)
7.	Dr. Urjita Thakar, Professor, Department of Computer Engineering	Member
8.	Dr. Vandan Tewari, Professor, Department of Computer Engineering	Member
9.	Mr. Surendra Gupta, Associate Professor, Department of Computer Engineering	Member
10.	Mr. Rajesh Dhakad, Associate Professor, Department of Computer Engineering	Member
11.	Ms. Neha Mehra, Assistant Professor, Department of Computer Engineering	Member

Dr.Vrinda Tokekar, Professor ,Comp. Engg.& Director, IET, DAVV, Indore and Ms. Priyanka Bamne, Assistant Professor, Department of Computer Engineering could not join the meeting.

The meeting started with presentation of Vision and Mission of the department.

Following are the itemwise deliberations:

Item 1: To discuss scheme and syllabi of III Year B.Tech. Computer Science and Engineering, based on NEP 2020.

The scheme of III year B.Tech. as per NEP 2020 was discussed. After due discussion the BoS recommended the scheme and syllabi for students admitted in year 2023, and is attached as Annexure-I.

[Handwritten signatures and initials]

Item2: To recommend NPTEL courses to be offered to III Year B.Tech. and IV Year B.Tech. Computer Science and Engineering under Elective subjects.

Members suggested to have a pool of courses in each elective to be offered from NPTEL. It was resolved that the pool of Subjects will be decided in next meeting of BOS.

1. However under Elective -I, students of III B.Tech. will be offered Data analytics with python through NPTEL (against the Subject 'Data Science & Engg.' given in the scheme).
2. Under Elective -V, students of IV B. Tech. will be offered Introduction to soft computing through NPTEL.
3. Under Elective -VI students of IV B. Tech. will be offered Data Mining through NPTEL.

Item3: Any other item (with permission of Chair).

In this, following recommendations (related to academics) of DPAQIC held on 29th January 2025 were discussed.

- (I) Keeping the Major Project in only one Semester of IV year (VII sem) and having only Internship component in VIII Sem.
- (II) End semester exam conduction and evaluation in short duration.
- (III) Summer semester from May to July 2025.

After due discussion in the meeting, the external experts were of opinion that these are very important policy matters that would impact overall learning and performance of students. Therefore, for these issues, impact analysis should be carried out and presented in the next BoS meeting.

The meeting ended with vote of thanks to the chair

Signatures of members:-

1.	Dr. Anuradha Purohit (Professor & Head, Department of Computer Engineering)	Chairperson	<i>A. Purohit</i>
2.	Dr. Awadhesh Kumar, Assoc. Prof., Comp. Engg. KNIT, Sultanpur, (U.P.)	Member, External Expert	Attended online
3.	Dr. Roopam Gupta, Professor, Comp. Engg. UIT, RGPV, Bhopal	Member, External Expert	Attended online
4.	Mr. V.R. Sathe, IT Consultant	Member, External Expert	<i>V.R. Sathe</i>
5.	Mr. Sudarshan Varma	Member, External Expert	Attended online
6.	Prof. D. A. Mehta, Professor, Department of Computer Engineering	Member	<i>D.A. Mehta</i> attended online
7.	Dr. Urjita Thakar, Professor, Department of Computer Engineering	Member	<i>U. Thakar</i>
8.	Dr. Vandan Tewari, Professor, Department of Computer Engineering	Member	<i>V. Tewari</i>
9.	Mr. Surendra Gupta, Associate Professor, Department of Computer Engineering	Member	<i>S. Gupta</i>
10.	Mr. Rajesh Dhakad, Associate Professor, Department of Computer Engineering	Member	<i>R. Dhakad</i>
11.	Ms. Neha Mehra, Assistant Professor, Department of Computer Engineering	Member	<i>N. Mehra</i>

B.TECH. III YEAR COMPUTER SCIENCE & ENGINEERING

SEMESTER 'A'

Applicable to 2023 entrants

S. No.	Category	Subject Code	Subject Nomenclature	Hours Per Week			No. of Credits			Maximum Marks				
				L	T	P	Th.	Pr.	Total	Th.	CW	SW	Pr.	Total
1	PCC	CO34002	Theory of Computation	3	1	-	4	-	4	70	30	-	-	100
2	PCC	CO	Data Base Management Systems	3	1	-	4	-	4	70	30	-	-	100
3	PCC	CO	Computer Networks	3	-	-	3	-	3	70	30	-	-	100
4	PCC	CO	Operating Systems	3	-	-	3	-	3	70	30	-	-	100
5	LC	CO	Data Base Management Systems Lab	-	-	2	-	1	1	-	-	40	60	100
6	LC	CO	Computer Networks Lab	-	-	2	-	1	1	-	-	40	60	100
7	LC	CO	Operating Systems Lab	-	-	2	-	1	1	-	-	40	60	100
8	SI	CO34481	Internship Evaluation - I	-	-	-	-	-	2	-	-	100	-	100
9	MC	*HU	Essence of Indian Traditional Knowledge	-	2	-	-	-	-	-	-	-	-	0
			Total	12	4	6	14	3	19	280	120	220	180	800

*Audit Course

SEMESTER 'B'

S. No.	Category	Subject Code	Subject Nomenclature	Hours Per Week			No. of Credits			Maximum Marks				
				L	T	P	Th.	Pr.	Total	Th.	CW	SW	Pr.	Total
1	PCC	CO	Machine Learning	3	-	-	3	-	3	70	30	-	-	100
2	PCC	CO	Design and Analysis of Algorithms	3	-	-	3	-	3	70	30	-	-	100
3	PCC	CO	Information Security	3	-	-	3	-	3	70	30	-	-	100
4	PEC	CO	Elective-I	3	-	-	3	-	3	70	30	-	-	100
5	LC	CO	Machine Learning Lab	-	-	2	-	1	1	-	-	40	60	100
6	LC	CO	Design and Analysis of Algorithms Lab	-	-	2	-	1	1	-	-	40	60	100
7	PCC	CO	Internet of Things Workshop	-	1	2	-	2	2	-	-	40	60	100
8	PROJ	CO	Major Project Planning and Seminar	-	-	8	-	4	4	-	-	40	60	100
			Total	12	1	14	12	8	20	280	120	160	240	800

Internship / Course / training in industry or organization of minimum 2 weeks to be carried out after sem. "A" or Sem. "B" but before commencement of IV Year Sem. "A". Evaluation shall be done in IV Year Sem. "A".

All Elective subjects may be offered in offline mode/ MooCs mode.

Elective-I		
1	CO 34601	Data Science & Engineering
2	CO ____	Artificial intelligence
3	CO ____	Software Architecture
4	CO 34602	Object Oriented Software Engineering
5	CO ____	Computer Graphics
6	CO ____	Embedded Systems
7	CO ____	Pervasive computing
8	CO ____	Web Technologies

V.R. Lakshmi

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