

MINUTES OF THE MEETING BOARD OF STUDIES**Date: 2nd January 2025, AT 9.30 AM (Hybrid Mode)**

Meeting Room, Department of Computer Science and Engineering

The 10th meeting of Board of Studies (BoS) of Undergraduate Programme, B.Tech., at Department of Computer Science and Engineering, ADCET, Ashta was held on 02-01-2025, at 9.30 AM in hybrid mode.

Dr. Suhel Sayyad, HOD CSE chaired the Meeting.

Following is the list of BoS Members:

Sr. No.	Name	Position
1.	Dr. Suhel Sayyad Head and Chairman BoS, Department of Computer Science and Engineering, ADCET, Ashta, Sangli	Chairman
2.	Dr. Amol Admuthe Professor, Rajarambapu Institute of Technology, Sakhrule	VC Nominee
3.	Dr Parikshit Mahalle Professor, Vishwakarma Institute of Information Technology, Pune	Member (Academic Expert)
4.	Dr Shafi Pathan Professor, MIT ADT University, Pune	Member (Academic Expert)
5.	Dr Annappa Professor, NITK Surulikal	Member (Academic Expert)
6.	Ms. Amruta More Director, OPRA IT Solutions, Pune	Member (Alumni Representative)
7.	Mr. Ritesh Nehete Domain Consultant, Cloud Infrastructure, TCS Pune	Member (Industry Expert)
8.	Mr. Ravindra Sonone Project Manager, Rheal Softwares	Member (Industry Expert)
9.	Mr. S. D. Khatawkar Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member-Secretary
10.	All faculty members, CSE Department	Members

- ❖ Dr. Amol Admuthe, was present in physical mode and Dr Parikshit Mahalle, Dr Shafi Pathan, Dr Annappa, Mr. Ritesh Nehete, Ms. Amruta More and Mr. Ravindra Sonone attended the meeting in online mode.
- ❖ The Chairman extended a warm welcome to all the members in the meeting.
- ❖ Mr. S. D. Khatawkar presented vote of thanks to end up the meeting.

Agenda of the meeting and resolutions are as follows:

- **Agenda Item No.1: To confirm the minutes of the meeting of BoS held on 22/06/2024**

The minutes of the meeting for BoS held on 22/06/2024 were confirmed by all members.

- **Agenda Item No.2: To place before the BoS the report about the action taken on the decisions of its meeting held on 22 June 2024.**

Dr Sayyad conveyed that changes suggested by honorary members of BoS panel are accommodated in syllabus design and produced the supporting documents.

- **Agenda Item No.3: To discuss the Curriculum for Final Year B. Tech - Computer Science and Engineering courses under revision-2 (R2)**

Following are the course curriculums with outcomes (COs) and proposed assessment tools were discussed for taking suggestion

A. Open Source Technology

Unit 6: Instead of open source project change it to mini project, Contents need to be revisited.

B. Digital Image Processing

Annappa Sir Suggested to Add Latest edition Books.

Dr. Admuthe Sir Suggested Merge first basic experiments and add few experiments based on Machine Learning and add Topic on image security

C. High Performance Computing

Ritesh Nehete sir suggested to Add 1 or 2 experiments on multiple facilities of CUDA programming in unit no 4, Check Contents with Course Outcomes is at higher level

D. Software Testing and Quality Assurance

Ritesh sir suggested to add Agile Testing in unit 6

Dr. Admuthe Sir suggested to update the Textbooks and Reference book

Dr. Admuthe Sir suggested to add small topic to address application of AI and ML

E. Deep Learning

Dr. Admuthe Sir suggested to increase contact hours of first unit also to add applications from unit no 03 onwards. He also suggested to ask students to read research paper and present it at various events.

Dr Mahalle Sir suggested to add ethics and fairness in last unit

Ritesh sir suggested to add ethics and fairness in all subject and impact of AI in particular domain.

F. Information and Network Security

Dr. Admuthe Sir suggested to check course outcomes with experiment list

Dr Shafi Pathan and Mr. Ravindra Sonone Sir suggested to merge unit no 4 and 5 and new unit added like compliance and auditing.

Dr Shafi Pathan Sir suggested to reduce scope of experiments and unit 6 as a security govern ounce and compliance.

G. UI/UX

Ms. Amruta More suggested to add case study on practical applications like responsive design and add activity on usability testing.

Ms. Amruta More suggested to add evaluation criteria.

H. Distributed Cloud Computing

Ritesh sir suggested to add details on private cloud

Dr. Admuthe Sir suggested to add fundamental concepts of distributed system and give name to unit as fundamentals of distributed system.

Dr. Admuthe Sir suggested to remove first 3 experiments and focus on sources

I. Fundamentals of Operating System

Mr. Ravindra sir suggested to add concepts like, file management, memory management, network topologies

Dr. Admuthe Sir suggested to remove the concept related to processes and add new unit related to memory management and file system.

J. Augmented reality and virtual reality

Syllabus was accepted without any change.

K. DevOps

Ritesh sir suggested to add this course before the campus placements and add CICO in devOps and security

L. Project Management and Finance

Syllabus was accepted without any change.

M. Internship

Dr Mahalle Sir suggested to prepare detail guidelines and curriculum.

Dr Shafi Pathan Sir suggested to share details of Internship selection, execution, assessment, evaluation in advance.

Dr Shafi Pathan Sir suggested to share internal and external assessment rubrics with all stakeholders.

N. Project

Dr. Admuthe Sir suggested to ask student to go outside for project presentation, encourage students for participation in different events like hackathon. Also he suggested to mention project outcome.

➤ **Agenda Item No. 04: To discuss the progress of Honors and Minor courses.**

Dr. Sayyad presented status of Honors Minor for 2022-23, 2023-24 and 2024-25 batches. Department provides **Honors in Cloud Architect**. Students need to undergo

Following courses

- I. NPTEL Course – Cloud Computing
- II. AWS Cloud Foundation
- III. AWS Cloud Architect
- IV. Google Cloud / Microsoft Azure 900

Department of CSE also provide **Specialization Minors** for

- I. IBM Data Analyst
- II. Google Cyber Security
- III. Meta Front End Developer

Statics for progress of Honors and Minor courses are as follows

Admission Year	Enrolled	1 Course Completed	2 Course Completed	3 Course Completed	4 Course Completed
2022-23	38 Honors	37	37	21	4 (Ongoing)
	40 Minors	26	22	12	(Ongoing)
2023-24	30 Honors	29	21 (Ongoing)		
	7- Honors with Research	RM Course On Going			
2024-25	60 Honors				
	35 Specialized Minors				

- **Agenda Item No. 05 :** To discuss the Open Elective Courses list for Third Year

Dr. Sayyad discussed the Open Elective Courses list for Third Year (TY CSE). NPTEL courses floated as follows

1. Principles of Management

Link: https://onlinecourses.nptel.ac.in/noc24_mg47/preview

2. E-Business

Link: https://onlinecourses.nptel.ac.in/noc19_mg54/preview

- **Agenda Item No. 06 To discuss the start of Post-Graduation course (M.Tech)**

Dr Sayyad informed to BOS Member that institute is planning to start M.Tech in Computer Science and Engineering from upcoming academic year. He mentioned special BOS will be called for discussion in details but he want imputes from BOS experts in designing structure and syllabus for M.Tech. He presented the draft copy of Structure of M.Tech to members.

Semester	Courses	L	T	P	Credits	Total Credits
Sem- I	Research Methodology	3	1	0	4	20
	Mathematical Foundation of Computer Science	3	1	0	4	
	Advanced Data Structures	3	0	2	4	
	Program Elective - I	3	0	2	4	
	Program Elective - II	3	1	0	4	
Sem - II	Open Elective	3	0	0	3	20
	Advanced Algorithms	3	0	2	4	
	Soft Computing	3	0	2	4	
	Program Elective -III	3	0	2	4	
	Program Elective - IV	3	0	2	4	
	Mini Project with Seminar	0	0	2	1	
Sem- III	Program Elective- V	3	0	2	4	20
	Program Elective- VI	3	0	2	4	
	Dissertation Phase - I				12	
Sem - IV	Dissertation Phase - II				20	20
						80

Program Elective - I

Deep Learning

Wireless Sensor Networks

Program Elective - II

Distributed Systems

Intelligent Systems

Program Elective - III

GPU Computing

Computer Vision

Program Elective - IV

Digital Forensics

Cloud Computing

Program Elective - V

Data Visualization

Open Elective

Business Analytics

Operations Research

Cost Management of Engineering Projects

Recommender Systems
Program Elective - VI
Data Security and Access Control
Human and Computer Interaction

Following are suggestion given by Experts

Dr. Admuthe Sir asked replace Advanced Data Structures with Advance course and add Advance algorithm in first semester also he suggested to add practical's for Research Methodology. He suggested identify 3 to 4 departments thrust areas that align with faculty specialization, explore open electives.

➤ **Agenda Item No. 07 : To discuss the students' performance and placement**

Dr Sayyad presented detailed result analysis of academic year 2023-24. Also he provide statics of placement out of 138 students 38 are placed in various companies till date

➤ **Agenda Item No. 08 Any other item with the permission of the chair**

- All experts and members discussed the development and promotion of AI in research, education, and various fields, as well as fostering innovation in diverse AI applications across sectors, with the aim of making India a 'Vishwa Guru' (global leader) in AI.
- Dr Sayyad and all members congratulated Mr, Ritesh Nehete for getting prestigious Indian Achievers award



Member Secretary

Board of Studies (BoS)



Chairman

Board of Studies (BoS)