

Date: 20/01/2025

**MINUTES OF THE MEETING**

**FIFTH BOARD OF STUDIES**

**DATE: 08-01-2025, at 10.30 AM**

**VENUE: Online Mode using Microsoft Team in CSE [ IOT & CSBT] Department**

The 5<sup>th</sup> meeting of Board of Studies (BoS) for the Undergraduate Programme, B.Tech., of the Department of Computer Science and Engineering [Internet of Things and Cyber Security including Block Chain Technology], ADCET, Ashta was held on 08-01-2025, at 10.30 am in the CSE [ IOT & CSBT] Department in online mode using Microsoft Teams Platform. Dr. Tahseen A Mulla HOD of CSE [ IOT & CSBT] department chaired the Meeting.

The following is the list of BoS Members:

Sr. No.	Name	Position
1.	<b>Dr. Tahseen A Mulla</b> Head and Chairman BoS, Department of CSE [Internet of Things and Cyber Security including Blockchain Technology], ADCET, Ashta	Chairman
2.	<b>Dr. Shefali P Sonavane</b> Vice Chancellor, Professor, Walchand College of Engineering, Sangli	Member
3.	<b>Dr. E. Sivasankar</b> Academic Expert, Associate Professor, Dept of CSE, National Institute of Technology, Tiruchirappalli.	Member
4.	<b>Dr. Venkatesan M</b> Academic Expert, Associate Professor, National Institute of Technology Puducherry, Karaikal.	Member
5.	<b>Dr. Munir Sayyad</b> Special Course Expert, Assistant Vice President. JIO, Mumbai	Member
6.	<b>Mr. Vineet Hemant Beri</b> Special Course Expert, Head- BFSI Cyber Security Operations, Tata Consultancy Services Limited, Pune	Member
7.	<b>Mr. Shahrukh A Pathan</b> Industry Representative, Lead -Technology, Synechron Technologies Private Limited, Pune	Member

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# Annasaheb Dange College of Engineering and Technology, Ashta

(An Empowered Autonomous Institute affiliated to Shivaji University, Kolhapur)



## Department of Computer Science and Engineering

[Internet of Things and Cyber Security including Blockchain Technology]

(NAAC A++ Grade Accredited Institute, ISO 9001: 2015 Certified)

Sr. No.	Name	Position
8.	<b>Mr. Vishal Tingre</b> Alumni Representative, General Manager - TSA (Technology Strategy & Architecture), Vodafone Idea Limited, Pune	Member
9.	<b>Prof. Madhuri J Siddharapu</b> Assistant Professor, Department of CSE [Internet of Things and Cyber Security including Blockchain Technology], ADCET, Ashta	Member- Secretary
10.	All the Faculties of Department of CSE [Internet of Things and Cyber Security including Blockchain Technology], ADCET, Ashta	Members

Dr. Shefali P. Sonavane, Dr. E. Sivasankar, Dr. Venkatesan M, Dr. Munir Sayyad, and Mr. Vineet Hemant Beri, Mr. Shahrukh A Pathan attended the meeting while Mr. Vishal Tingre was unable to attend. The Chairman, Dr. Tahseen A. Mulla, and the Member Secretary, Prof. Madhuri J. Siddharapu, extended a warm welcome to all the members.

### **Agenda of the meeting and resolutions are as follows:**

#### **Agenda Item No. 1: To introduce and welcome the Board of Studies (BoS) members for the tenure 2024-25 to 2026-27**

Prof. Madhuri J. Siddharapu, Member Secretary, introduced the BoS members who are appointed for the tenure 2024-25 to 2026-27.

**Resolution** - The members were cordially welcomed and acknowledged.

#### **Agenda Item No. 2: To present the action taken report on the decisions of the 4th BoS meeting held on June 22, 2024**

Prof. Madhuri J. Siddharapu presented a summary of the action taken report and decisions made during the 4th BoS meeting chaired by Dr. S. Mani. The actions were implemented based on the suggestions and recommendations and the corresponding changes were endorsed in the curriculum.

**Resolution** - The action taken report was reviewed and acknowledged by all members.

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**Agenda Item No. 3: To confirm the minutes of the 4th BoS meeting held on June 22, 2024**

**Resolution** – The minutes of the 4th BoS meeting held on June 22, 2024, were confirmed by all members.

**Agenda Item No. 4: To update on Honor and Minor Programs in the CSE [IoT & CSBT] department**

Dr. Madhav J. Salunkhe, faculty member presented updates on Honor and Minor Programs in the CSE [IoT & CSBT] department.

He highlighted:

- Registrations for Honors in Cyber Security, Honors in Cloud Architect, and Honors with Research for the academic year 2023-24.
- Progress of students in the academic year 2024-25.
- The title of the Minor program was changed to Minor in Internet of Things and Embedded Systems, previously known as Minor in Computer Science

**Resolution** – The updates were reviewed and acknowledged by all members.

**Agenda Item No. 5: To update results of Revision 1 for Open Elective – 1 and to present the list of Open Elective - 2 courses to be offered to TY students for 2024-25 (Term-II)**

Prof. KumarSagar Dange, faculty member presented:

- Results of Revision 1 for Open Elective – 1.
- The list of Open Elective – 2 courses to be offered to Third Year (TY) students for 2024-25 (Term-II).

Dr. Shefali P Sonavane raised a concern regarding the low results and the strategy for the failed students in the proctored NPTEL exams. Chairman Dr. Tahseen A Mulla clarified the institute's policy for non-certified students during the academic session Term 1, 2024-25. A re-examination will be conducted through the Moodle platform at the institute, and the details were provided as follows:

- A computer-based proctored exam will be held for 2 hours with 50 Multiple Choice Questions.
- Students need to score a minimum of 40% to pass the exam.



- If a student does not pass or is absent for the re - examination, they will not be considered as having successfully completed the course and will be required to re-register for the same NPTEL course when offered again as an Open Elective by the institute in the immediate academic session.

**Resolution:** Dr. Shefali P Sonavane and Mr. Vineet Hemant Beri appreciated the policy and the approach. The policy was accepted by all members.

**Agenda Item No. 6: To discuss and approve the evaluation scheme for the Course titled: Project Finance and Management with Course Code: 1ICHS407**

Prof. Madhuri J. Siddharapu presented the evaluation scheme for the course titled "Project Finance and Management" (Course Code: 1ICHS407). The evaluation scheme was reviewed and all members acknowledged its structure and content.

**Resolution:** The evaluation scheme for the course titled "Project Finance and Management" (Course Code: 1ICHS407) was approved by all members.

**Agenda Item No. 7: To discuss and approve the curriculum contents for Final Year B.Tech, 8th sem (Revision 0)**

Dr. Shrikant Bhopale, faculty member presented the structure for the 8th Semester (Revision 0), and the respective course coordinators provided a detailed overview of the course curriculum. The following points were discussed:

The courses Open Elective – IV: Introduction to Industry 4.0 (Course Code: 0ICOE410) and Professional Elective – V: Introduction to Industry 4.0 (Course Code: 0ICPE411) were reviewed and approved without any changes.

Discussion on Professional Elective – V: TCP/IP Network Security (Course Code: 0ICPE412)

- Mr. Vineet Hemant Beri suggested incorporating content to raise awareness about ethical hacking, making the course more aligned with current industry trends.
- Dr. Shefali P. Sonavane raised a concern about the practical concepts in the course and emphasized the need for assessment strategy.

Discussion on Professional Elective – III: Blockchain and FinTech (Course Code: 0ICPE413)

- Dr. Shefali P. Sonavane suggested revising the prerequisite for the course.



**Resolution:**

- The course coordinator addressed these concerns by explaining that a problem statement would be provided to students during the In-Semester Examination (ISE), where they would be required to demonstrate solutions using tools such as Metasploit, NMap, and Wireshark.
- A course orientation will be conducted prior to the commencement of the course to create awareness and provide clarity to the students.
- It was decided that instead of "Smart Contracts and Solidity," the prerequisite will be updated to OICPC305 Blockchain Technology to ensure students have the foundational knowledge required for this course.

**Agenda Item No. 8: To discuss and approve the curriculum contents for Final Year B.Tech, 7th sem (Revision 1)**

The discussion was held on the following courses:

A. Professional Elective – III: IoT with Arduino, ESP, and Raspberry Pi (Course Code: IICPE401)

- Dr. Shefali P. Sonavane suggested rearranging the order of course outcomes for this course as per Bloom's Taxonomy.
- It was decided that the course outcomes would be updated accordingly.

B. Professional Elective – III: Database Security and Access Control (Course Code: IICPE402)

- Dr. Shefali P. Sonavane recommended including case studies related to smart cards and their algorithms, particularly focusing on attacks on smart cards.
- The case studies will be added to Unit 6 of the course.
- Mr. Vineet Hemant Beri suggested adding content on user privilege-specific access control management.
- This will be incorporated into Unit 4 of the course.

C. Distributed and Cloud Computing (Course Code: IICPC404)

- Dr. Venkatesan M suggested adding content on Microsoft Azure, Amazon Web Services (AWS), and EC2.
- It was discussed that these concepts will be covered practically during the practical sessions and also included in Unit 5 of the course content.



D. Machine Learning (Course Code: 1ICPC406)

- Dr. Shefali P. Sonavane suggested reframing the title of the experiments listed in the course.
- The experiment list will be updated accordingly.
- Dr. E. Sivasankar suggested adding concepts such as reinforced learning, bagging & boosting, ensemble methods to the course content.
- After careful consideration, it was noted that due to limited lecture hours, it would not be feasible to include this content in the current curriculum.

E. Dr. Shefali P. Sonavane suggested including topics such as PCA (Principal Component Analysis) and feature engineering on datasets in images.

It was decided that these topics would be covered during the **practical sessions**.

F. Prof. Amruta R Patil, faculty member presented contents of Project Management and Finance (Course Code: 1ICHS407). Mr. Shahrukh A. Pathan advised ensuring that the Waterfall Model concept is excluded from the course content, as it is outdated and no longer relevant in modern project management practices.

**Resolution:** After undergoing the changes revised curriculum contents for Final Year B.Tech, 7th sem (Revision 1) will be sent to BoS members for approval.

**Agenda No. 9: Approval for the inclusion of the KPIT-specific Professional Elective – V (OICPE\*\*\*) course in the Final Year, B.Tech (Revision 0) curriculum.**

**Resolution:** It was approved by all members to include a KPIT-specific Professional Elective - V course for the Final Year, B.Tech (Revision 0) curriculum. The course, designed in collaboration with KPIT, aims to enhance student's industry-specific skills and employability and will be in execution as and when in the semester the drive takes place and students are selected.

**Agenda No. 10: To present a SWOT analysis of the department**

The Chairman, Dr. Tahseen A. Mulla, presented the Strengths, Weaknesses, Opportunities, and Challenges (SWOT) analysis of the department to the BoS members.

- Mr. Vineet Hemant Beri suggested including global certification such as ISACA to strengthen opportunities for students and faculty in the field of cybersecurity.

- Dr. Munir Sayyad recommended incorporating certifications from COBIT , Palo Alto and the EC-Council to further enhance the department's focus on cybersecurity.

**Resolution:** The suggestions were acknowledged, and it was agreed to explore the inclusion of global certifications, such as ISACA, COBIT, Palo Alto, and EC-Council, into the curriculum to provide enhanced learning opportunities and industry alignment for students and faculty.

**Agenda Item No. 11 : To review student's performance, activities, placement, internships and result analysis for the Term-I of the Academic Year 2024-25**

Prof. Prachi S. Pathak presented the performance of students in Term-I of the Academic Year 2024-25, covering academic results, participation in extracurricular activities, placements, and internships.

**Resolution:** All members acknowledged the review and approved the focus on continual monitoring and improvement.

**Agenda Item No. 12: To discuss ISE activities and review pedagogical initiatives**

- a) LMS - The effectiveness of LMS in delivering course content, assignments, and evaluations was discussed.
- b) Quality Lab Manual (SY, TY, Final Year B.Tech) - The structure and quality of lab manuals for all years were reviewed.

**Resolution:** The Chairman, Dr. Tahseen A Mulla presented the LMS and quality lab manual, which was reviewed and appreciated by all members.

**Agenda No.13: To discuss our commitment to making India a Vishwa Guru in AI**

Chairman, Dr. Tahseen A. Mulla, read the pledge, highlighting the commitment to advancing AI education, research, and innovation in India.

**Resolution:** All members affirmed their commitment to supporting India's vision of becoming a global leader in AI, with active contributions from the department in terms of research, education, and innovation.

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**Agenda No.14: Any other item with the permission of chair.**

No additional items were raised during the meeting.

**Resolution:** It was acknowledged that all agenda items were effectively discussed and addressed. The meeting was concluded with approval of all resolutions. Although the meeting was extended, all members appreciated the presentations. It was decided that the next meeting will limit the duration. The meeting was concluded with a Vote of Thanks by Member Secretary, Prof. Madhuri J Siddharapu.

*Madhuri*

**Member Secretary  
Board of Studies (BoS)  
CSE [IOT & CSBT]**

*20/01/2025*

**Chairman  
Board of Studies (BoS)  
CSE [IOT & CSBT]**

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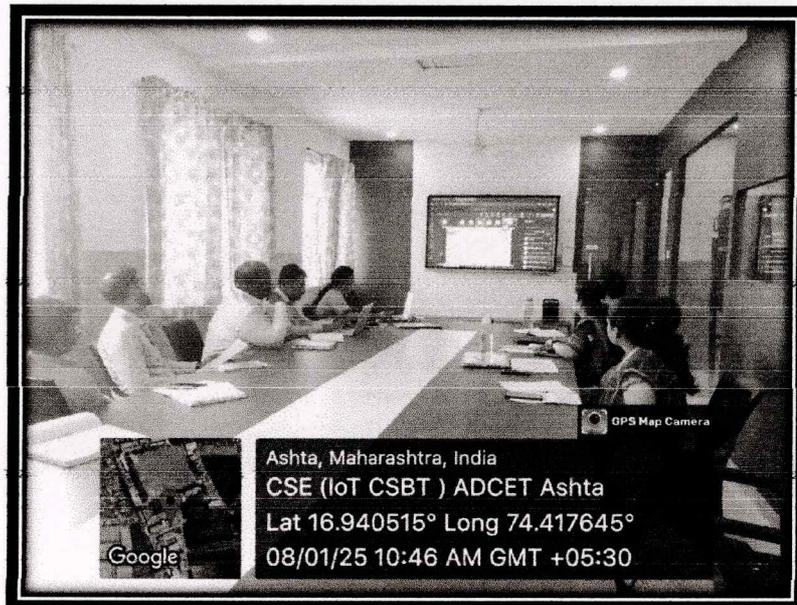
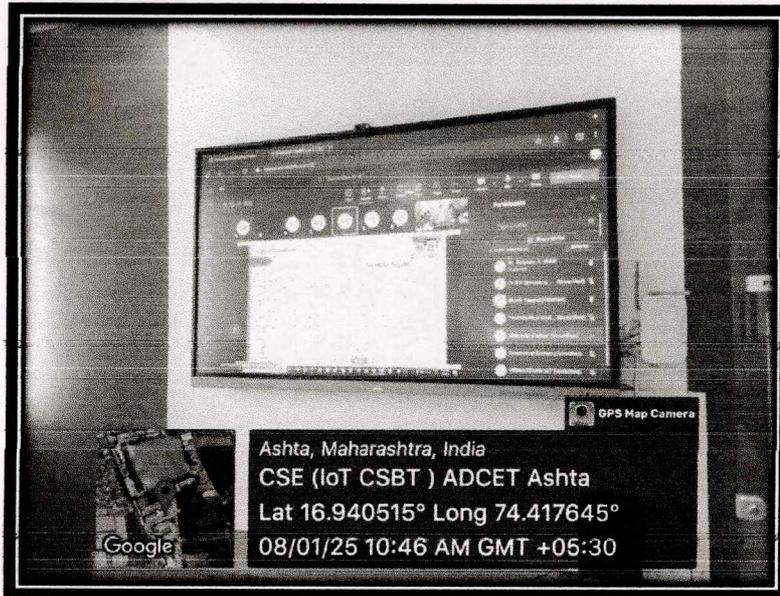


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### Meeting Photos



*Madhavi*

**Member Secretary**  
**Board of Studies (BoS)**  
**CSE [IOT & CSBT]**

*20/1/2025*  
**Chairman**  
**Board of Studies (BoS)**  
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