


Minute Sheet

Ref. AIT/COMP/ DM /1327

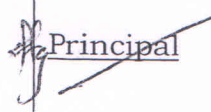
Date: 27/3/2025

AIT Autonomy: BOS (Computer Engg.) meeting

1. Board of Studies, BOS (Computer) meeting was conducted on 26 March 2025 in (offline/online: Hybrid mode) at old conference room.
2. The Minutes of the BOS meeting are placed opposite.
3. For your perusal and approval please.

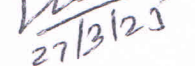
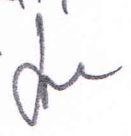

Prof. P. R. Sonawane 27.3.2025
[BOS Coordinator]



HOD

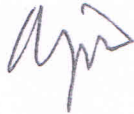

Principal


JD

Director


27/3/25
Sig of Physically attendance to be attach
now attach  27/3/25


Approved & then P.L.




27/3/25



ARMY INSTITUTE OF TECHNOLOGY
Dighi Hills, Alandi Road, Pune 411 015
Department of Computer Engineering



MINUTES OF BOARD OF STUDIES MEETING-01 HELD ON 26 MAR 2025

1. Meeting of the Board of Studies, Autonomy in COMPUTER Dept, AIT was held on Tuesday, 26th March 2025 at 11.00 AM under the Chairmanship of Dr. S R DHORE, HoD COMP. The Attendance was as below:-

Sr No	Status	Name of Appointment	Attendance
1.	Chairman	Dr. S R DHORE, Professor and HoD, COMP	Yes
2.	Subject Expert outside Parent University	Dr. M U Kharat, VC, GH Rasoni skill university	Absent
3.	Subject Expert outside Parent University	Dr. Ganesh Pathak MITADT	Yes (Online)
4.	Expert nominated by Vice-Chancellor, SPPU	Dr. Pramod Patil, Dean Science and Technology, SPPU (VC Nominated)	Yes (Online)
5.	Subject Expert (Invited Member)	Dr. V K Pachgare, COEP Tech University	Yes (Online)
6.	Industry Expert	Tushar Samnerkar, Senior Technology Consultant, Infosys, Pune	Absent
7.	AIT Alumni	Anil Dahiya, founder Dark Blue DevOps, Pune	Yes (Online)
8.	Member, Teaching Faculty	Dr. N K Bansode, Associate Professor	Yes
9.	Member, Teaching Faculty	Dr. Jayadevan, Associate Professor	Yes
10.	Member, Teaching Faculty	Dr. Sagar Rane, Associate Professor	Yes
11.	Member, Teaching Faculty	Mr. M B Lonare Assistant Professor	Yes
12.	Member, Teaching Faculty	Mr. P R Sonawane Assistant Professor	Yes
13.	Member, Teaching Faculty	Dr. Sharayu Lokhande, Assistant Professor	Yes
14.	Member, Teaching Faculty	Dr. Vaishali Ganganwar, Assistant Professor	Yes
15.	Member, Teaching Faculty	Dr. Nikita Singhal, Assistant Professor	Yes
16.	Member, Teaching Faculty	Ms. Asha Sathe, Assistant Professor	Yes
17.	Member, Teaching Faculty	Ms. Sushma Shirke, Assistant Professor	Yes

Sr No	Status	Name of Appointment	Attendance
18.	Member, Teaching Faculty	Ms. Rushali Patil, Assistant Professor	Yes
19.	Member, Teaching Faculty	Ms. Yogita Hamibir, Assistant Professor	Yes
20.	Member, Teaching Faculty	Mr. Anup Kadam, Assistant Professor	Yes
21.	Member, Teaching Faculty	Dr. Sita Yadav, Assistant Professor	Yes
22.	Member, Teaching Faculty	Mr. Kuldeep Hule, Assistant Professor	Yes
23.	Member, Teaching Faculty	Mr. Mangesh Hajare, Assistant Professor	Yes
24.	Member, Teaching Faculty	Ms. Pradnya Tapkir, Assistant Professor	Yes
25.	Member, Teaching Faculty	Ms. Poonam Nagale, Assistant Professor	Yes
26.	Member, Teaching Faculty	Ms. Pallavi Edke, Assistant Professor	Yes
27.	Member, Teaching Faculty	Mr. Umakant Dhattrak, Assistant Professor	Yes
28.	Member, Teaching Faculty	Ms. Shreya Jare, Assistant Professor	Yes
29.	Invited Member, Teaching Faculty	Dr. Ganesh Mundhe, Associate Professor, HoD, ASGE	Yes
30.	Invited Member, Teaching Faculty	Dr. (Mrs) Swati Kulkarni, Associate Professor	Yes
31.	Invited Member, Teaching Faculty	Ms. Mridula Chandola, Assistant Professor	(online)
32.	Invited Member, Teaching Faculty	Ms. Nithya Bhasker, Assistant Professor	Yes
33.	Invited Member, Teaching Faculty	Mr. Pankaj Dorlikar, Assistant Professor	No
34.	Invited Member, Teaching Faculty	Ms. Anita Suryawanshi, Assistant Professor	Yes (online)
35.	Invited Member, Teaching Faculty	Mr. Mahima Jain	Yes

2. Welcome Address

The meeting started with the welcoming of all the Board of Studies (BoS) members by the Chairperson, Dr. S R DHORE HoD, COMP. He introduced the external members and also briefed about the Composition and Functions of the BoS. He informed all the BoS members that the term of the nominated members would be 3 years, and the meetings of BoS would be conducted every 6 months. Dr. S R DHORE then gave a

brief introduction and overview of AIT and the Department of COMP Engg. He also presented department vision, mission, PEOs and PSOs in the BOS meeting. Chairman BOS has conveyed that syllabus copy is shared with all the members through mail in advance. Mr. Tushar Samnerkar and Dr. M U Kharat has already given their feedback online.

3. Discussion

Agenda Point 1: Process of framing Syllabus

Dr. S R Dhore discussed key points with regards to process of framing the syllabus and also presented outline of the discussion in BOS meeting.

- i. Proposed Credit Framework for Autonomy (UGC-NEP)
- ii. Curriculum structure suggested for 4 years of Computer Engg. (UG - BTech) And structure suggested for 2 years of Computer Engg. (PG-MTech (DS))
- iii. Finalization of Syllabus for First year of Btech Computer Engineering (FE-Computer) and Syllabus for First year MTech (DS)
- iv. Framing Academics and Examination rules and regulations for autonomy w.e.f. A.Y. 2025-26.

The Credit Framework to be implemented for the Autonomy syllabus from AY 2025-26. The total **162-credit structure** for the program was analyzed. The rationale behind credit distribution across semesters was reviewed. Considerations for curriculum flexibility and industry alignment were discussed. Following the NEP-2020 guidelines of UGC and Govt of Maharashtra. The BoS members felt that the credit framework is as per NEP-2020 guidelines.

Decision 1.1.1: *It was unanimously resolved that, the total 162-credit structure for the program for First Year B Tech Computer Engineering can be sent for approval of Academic Council.*

Agenda Point 2: TO FINALISE COURSES OF STUDY AND SYLLABUS OF FY BTECH E&TC

FY BTech Syllabus structure

Dr. S R Dhore then discussed the Course structure for the First Year B.Tech Computer Engineering to be implemented from AY 2025-26. The course structure of the First year has 44 credits. There was a detailed discussion on the course structure. The overall syllabus structure was presented and examined. A detailed syllabus discussion was conducted, focusing on core and elective courses.

Syllabus of Courses of FY BTech sem 1

Dr S R Dhore informed members that the courses of study are oriented towards Computer Engineering. Following points discussed.

- a. Evaluation Criterion for Environmental Science:

Members observed that there is currently no teaching scheme for Environmental Science. It is suggested that evaluation criterion should be introduced to assess students' understanding.

b. Change in Soft Skills Subject Structure:

BOS members suggested little modification as instead of the existing Vertical Elective Course (VEC), there should be an Ability Enhancement Course (AEC) for Soft Skills in Semester 1.

c. Flexibility in Programming Language:

Dr. Pathak suggested that a programming basket should be provided to students to allow flexibility in choosing programming languages. Chairman informed programming provision. Members agreed on same.

d. mini-Project for Students as project based learning.

members suggested that students should be assigned scenario-based mini-projects. These projects should be part of the evaluation process to enhance practical learning.

Syllabus of Courses of FY BTech sem 2

a. Accommodation of Exit Course in First Year (FE):

Members suggested Provision should be made to accommodate an exit course in the First Year curriculum as per NEP.

b. Rubrics for Assignments:

Evaluation rubrics should be designed for each assignment to ensure uniform assessment criteria. Chairman said that point is well taken.

c. Inclusion of Sustainable Development in the Agenda:

The topic of Sustainable Development should be officially mentioned and incorporated into the academic agenda. Chairman informed about provision in our structure. Members expressed satisfaction.

d. Types of Evaluation

Dr. Ganesh Pathak suggested various types of evaluation methods to improve assessment. Chairman said that point is well taken for implementing syllabus.

e. Progressive Semester Observation for Improvement:

A structured observation mechanism should be adapted in progressive semesters to track and improve student performance. Chairman informed about progressive assessment scheme of the department.

f. Implementation of 50-50 Evaluation Pattern:

A 50-50 evaluation pattern (Continuous Assessment) was recommended for better academic assessment. This point is already well taken.

Decision 1.2.1: *It was resolved that, the presented syllabus of courses of First Year BTech Computer Engineering sem 1 and 2 can be sent for approval of Academic Council with minor modifications and few provisions during implementation.*

4. Syllabus of Courses of MTech Data science

Following points discussed for MTech Data science

a. Enhancements in Postgraduate Curriculum during implementation

a. Enhancements in Postgraduate Curriculum during implementation

Addition of Case Studies & Interdisciplinary Subjects is suggested by members. It is also suggested that Case studies should be incorporated into PG courses to improve practical learning. More interdisciplinary subjects should be introduced to align with modern industry trends.

b. Incorporation of NPTEL, MOOC, Swayam, Coursera for Professional Certification

It is suggested by members that assignments should be mapped with NPTEL and Coursera courses to encourage professional certifications. Students should be encouraged to complete relevant MOOCs (Massive Open Online Courses) for skill enhancement.

c. Subject Modifications & Renaming

Dr. Pathak suggested to Rename "Video Analytics" to "Multimedia Analytics" to broaden the scope of the subject. It is also suggested to modify the Machine Learning (ML) Course as:

i. Add relevant Deep Learning Lab (DLL) topics to ML in Semester 2.

ii. Introduce LLM & Generative AI in Semester 3:

iii. It is suggested that Instead of covering Deep Learning separately in Semester 3, LLM (Large Language Models) and Generative AI should be introduced.

d. Implementation of API Integration in Deep Learning Lab (DLL)

Members suggested that API integration should be included in DLL to enable hands-on practical exposure. Students should work on real-world applications using API-based deep learning models. Chairman said that all these suggestions are well taken and step by step approach will be followed during implementation. Dr. Jayadevan also participated in discussion and said these suggestions will be considered during implementation of the syllabus.

Decision 1.2.2: *It was resolved that, the presented syllabus of M.Tech Data Science can be sent for approval of Academic Council with suggested modifications and consideration of suggested provisions during implementation.*

Agenda Point 3: Academic And Examination Rules & Regulations Dr Dr S R Dhore informed that the internal committee of AIT has finalized draft Rules & Regulations for Academics and Examinations. He requested all to give suggestions for framing the rules & regulations.

Decision 1.3.1: *It was resolved that, Being institute level policy Relative grading and/or Absolute grading system can be sent for further discussion, decision and approval of Academic Council at institute level.*

Decision 1.3.2: *It was resolved that, the Draft Rules & Regulations can be sent for approval of Academic Council.*

Agenda Point 4: Any other points from Members.

Dr. Pathak suggested that while reframing rules in academic rule book, we should provide proper citations to the University, UGC, AICTE, or any other regulatory bodies that govern these rules for the referrals. Chairman said that point is well taken it will be informed to institute level central committee for updating the documentation. There was no other major points from members.

5. Vote of Thanks

Dr S R Dhire concluded the meeting and asked Mr. P R Sonawane, AIT Autonomy committee member and Co_ordinator of BOS meeting to deliver vote of thanks. Mr. P R Sonawane thanked External members, Department BOS members, invited BOS members for valuable recommendations. He thanked all members for their contribution in framing of the syllabus. He also thanked everyone for attending this meeting, providing valuable suggestions. He thanked support staff of the department extending their co-operation for conducting BOS meeting.



(Dr S R Dhire)
HoD COMP

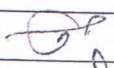


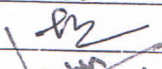
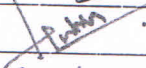


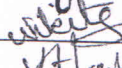
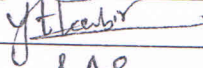
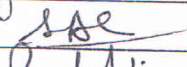
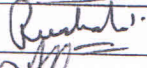
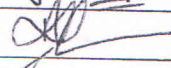

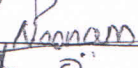

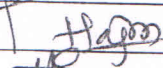

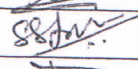

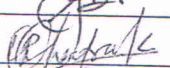



Prof. (Dr.) S. R. Dhire
Head of Computer Department
Army Institute of Technology
Dighi Hill's, Pune - 16.

Army Institute of Technology
Department of Computer Engineering
Board of Studies Meeting
Attendance

Date: 26.3.2025

Time: 11 AM

Sr. No	Faculty Name	Sign
Computer Faculty		
1.	Dr. S.R. Dhoni	
2.	Dr. N K. Bamsale	
3.	P.R. Sonawane	
4.	Jayadevan R	
5.	Kuldeep Hule	
6.	Anup Kadam	
7.	Dr. Sita Yadav	
8.	Dr. Nikita Singhal	
9.	Yogita Hamoir	
10.	Dr. Sharayu Lukhande	
11.	Rushali Patil	
12.	Asha Gathe	
13.	Pradya Tapkar	
14.	Poonam Nagale	
15.	Dr. Vaishali G.	
16.	Mangesh Hajare	
17.	Sushama Shirske	
18.	Shreya Jare	
19.	Dr. Seenu Pene	
20.	Prof. Umakant R. Dhatriak	
21.	Mrs. Pallavi Pritam Edke	
22.		
23.		



ASGE Faculty Member		
1.	Dr. G. Munde	LD
2.	Ms. Nithya Basker	Blitz
3.	Ms. Mahima Jain	(W) f
4.	Ms. Mandula Chandola	-on-line-
5.	Anita Surywanshi	-on-line-
6.	Dr S S D	Dr
7.	Dr Swati Kulkarni	Swati
8.		
9.		
10.		
11.		
12.		

GP