## Minutes of Meeting-01 of Academic Council
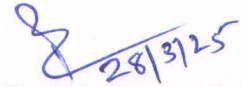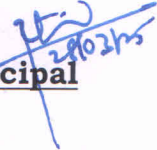
1. Academic Council Meeting was held on 27 March 2025 in Hybrid mode,
2. Minutes of Meeting of the same are placed opposite.
3. Put up for your perusal and approval please

               (Dr G R Patil)                    (Dr PB Karandikar)

               Dean (PP)                    Memebr Secretary, AC

**Principal**

**Jt Director**

**Director**

# ARMY INSTITUTE OF TECHNOLOGY
## Dighi Hills, Alandi Road, Pune-411015

### MINUTES OF ACADEMIC COUNCIL-01 HELD ON 27 MAR 2025

1. Meeting of the Academic Council of AIT Pune was held on Thursday, 27th March 2025 at 15.00 Hrs under the Chairmanship of Brig. Abhay A Bhat, Director AIT. Attendance for the meeting was as below:-

| Sr No. | Status | Name | Attendance |
|---|---|---|---|
| 1 | Executive Chairman | Brig Abhay A Bhat (Retd) Director, AIT | Yes |
| 2 | Chairman | Prof (Dr) BP Patil Principal, AIT | Yes |
| 3 | Head of Department | Prof (Dr) GR Patil HOD E&TC | Yes |
| 4 | Head of Department | Prof (Dr) SR Dhore HOD Comp | Yes |
| 5 | Head of Department | Prof (Dr) Sangeeta Jadhav HOD IT | Yes |
| 6 | Head of Department | Prof (Dr) UV Awasarmol HOD Mech | Yes |
| 7 | Teaching staff | Dr. NK Bansode, Professor, Department of Computer Engg | Yes |
| 8 | Teaching staff | Dr Rahul Desai Associate Professor, Dept of IT | Yes |
| 9 | Teaching staff | Dr Sushma Patil, Associate Professor, Dept of E&TC Engg | Yes |
| 10 | Teaching staff | Mr PV Dorlikar, Assistant Professor, Dept of Mech Engg | Yes |
| 11 | Expert nominated by GB | Dr MS Sutaone, Director IIIT Allahabad, | No |
| 12 | Expert nominated by GB | Mr Vilas Deshpande Co-founder & COO @ Vayve Mobility, Pune | Yes (Online) |
| 13 | Expert nominated by GB | Dr Sachin Lodha Chief Scientist, Technology Development Center, TCS, Pune | Yes (Online) |
| 14 | Expert nominated by GB | Col. Rajinder Singh Bhatia Chairman, Defence Business, Bharat Forge (Kalyani Group) | Yes (Online) |
| 15 | Expert nominated by GB | Dr Rushikesh Joshi Professor, CSE Dept., IIT Mumbai. | No |
| 16 | Expert nominated by GB | Mr Koustubh Phalnikar, Senior DGM, Product and Technology Development at L&T. | Yes (Online) |

| Sr No. | Status | Name | Attendance |
|--------|--------|------|------------|
| 17 | Expert nominated by VC | Dr Vinod Pachghare Professor in Computer Engineering, College of Engineering Technological university , Pune | **Yes (Online)** |
| 18 | Expert nominated by VC | Dr Sudeep Thepade Pro-Vice-Chancellor, Pimpri Chinchwad University, Pune & Professor in Computer Engg, PCCOE, Pune. | **Yes (Online)** |
| 19 | Expert nominated by VC | Dr Anand Bewoor Dean Academics & Professor in Mechanical Engg Dept, Cummins College of Engg for Women, Pune | **Yes (Online)** |
| 20 | The Controller of Examination | Dr J D Patil Assoc Prof in Dept of Mech Engg and Controller of Examination, AIT Pune | **Yes** |
| 21 | Member Secretary | Dr P B Karandikar, Assoc Prof in Dept of E&TC Engg Member Secretary | **Yes** |
| 22 | Invited Member | Dr Jayadevan R Assoc Prof in Dept of Comp Engg (PG Co-ordinator) | **Yes** |

## Welcome Address

2. The meeting started with the welcoming of all the Academic Council (AC) members by the Dr P B Karandikar, Member Secretary. He introduced the external members and also briefed about the Composition and Functions of the AC. He informed all the AC members that the term of the nominated members would be 3 years, and the meetings of AC would be conducted every 6 months. Dr. BP Patil, Principal AIT then gave a brief introduction and overview of AIT. He told that AIT has been granted academic autonomy by UGC & SPPU and this meeting is held to discuss & approve the business brought forward by the Board of Studies of all departments and other academic matters related to implementation of autonomy.

## Discussion

3. **Agenda Point 1: To finalize nomenclature of UG and PG programmes under autonomy as B. Tech and M. Tech respectively.** It was proposed to adapt nomenclatures for the UG and PG programmes under autonomy as Bachelor of Technology (B Tech) and Master of Technology (M Tech) respectively. The nomenclatures of the programmes under autonomy from AY 2025-26 currently run by the departments would be as below:

**UG Programmes**:

- B Tech in Electronics & Telecommunication Engg
- B Tech in Computer Engg
- B Tech in Mechanical Engg
- B Tech in Information Technology
- B Tech in Automation & Robotics

**PG PROGRAMMES:**

- M Tech in Data Science

**4. _Resolution 1.1.1:_** _It was unanimously resolved & approved to use nomenclatures of the UG and PG programmes under autonomy as B Tech and M Tech respectively._

**5. Agenda Point 2: To discuss and approve credit framework of UG and PG programmes under autonomy as per NEP-2020 guidelines.** Dr. GR Patil explained the Credit Framework to be implemented for the Autonomy syllabus from AY 2025-26. This credit structure would have 162 credits for UG prgrammes and 80 credits for the PG programmes, following the NEP-2020 guidelines of UGC and Govt of Maharashtra.

6. There was discussion on internship course to be offered in 7th or 8th Semester. Dr Sudeep Thepade suggested that software used for examination system should take care of selection of internship in 7th or 8th Semester by students.

7. The AC members felt that the credit frameworks are as per NEP-2020 guidelines.

**8. _Resolution 1.2.1:_** _It was resolved that, the presented credit frameworks for UG & PG programmes to be finalized and approved._

**9. Agenda Point 3: To discuss and approve recommendations of respective BoS regarding course structures & syllabi of courses of FY BTech Electronics & Telecommunication Engineering, Computer Engineering, Information Technology, Mechanical Engineering, Automation & Robotics programmes.** Dr. PB Karandikar requested HoD of each department to present the course structure and syllabi of their UG programmes.

10. DR SR Dhore, HoD Comp presented 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 structure and syllabi was appreciated by the members.

**11. _Resolution 1.3.1:_** _It was resolved that, course structure & syllabi of courses for FY BTech Computer Engineering to be finalized and approved._

12. Dr GR Patil then presented the Course structure for the First Year B.Tech Electronics & Telecommunication Engineering to be implemented from AY 2025-26. There was a detailed

discussion on the course structure & syllabi of courses. Mr. Vilas Deshpande suggested to include practical skills such as component identification, soldering, assembly etc. in 1st Year Lab Courses. Dr GR Patil informed academic council members that, it is taken care in all the lab courses. He also mentioned about inclusion of mini projects in Lab courses.

**13. _Resolution 1.3.2:_** *It was resolved that, course structure & syllabi of courses for FY BTech Electronics & Telecommunication Engineering to be finalized and approved.*

14. Dr Sangeeta Jadhav presented the Course structure for the First Year B.Tech Information Technology to be implemented from AY 2025-26. There was a detailed discussion on the course structure & syllabi of courses.

**15. _Resolution 1.3.3:_** *It was resolved that, course structure & syllabi of courses for FY BTech Information Technology to be finalized and approved.*

16. Dr UV Awasarmol presented the Course structure for the First Year B.Tech Mechanical Engineering as well as Automation and Robotics to be implemented from AY 2025-26. There was a detailed discussion on the course structure & syllabi of courses. Dr UV Awasarmol informed that the course structure & syllabi of both programmes is same. Mr.Koustubh Phalnikar appreciated the syllabus of programme specific courses.

17. Dr. Anand Bewoor suggested to include advance courses in entrepreneurship in 2nd & 3rd Year subsequently.

**18. _Resolution 1.3.4:_** *It was resolved that, course structure & syllabi of courses for FY BTech Mechanical Engineering to be finalized and approved.*

**19. _Resolution 1.3.5:_** *It was resolved that, course structure & syllabi of courses for FY BTech Automation and Robotics to be finalized and approved.*

**20. Agenda Point 4: To discuss and approve recommendations of respective BoS regarding course structure & syllabi of various courses of FY MTech Data Science programme.** Dr. PB Karandikar requested Dr Jaydevan R to present the course structure and syllabi of their First Year M Tech Data Science. Col. Rajinder Singh Bhatia raised concerned about core course weightage in the structure. Dr Jaydevan R told that core course weightage is more than 80%.

21. Mr.Koustubh Phalnikar suggested to include topics related to legal aspects of data handling in the syllabus. It was decided that these topics be included in 3rd or 4th semester.

**22. _Resolution 1.4.1:_** *It was resolved that, course structure & syllabi of courses for FY MTech Data Science to be finalized and approved.*

**23. Agenda Point 5: To discuss and approve Academic Rule & Regulations for all UG & PG programs.** Dr. PB Karandikar requested Dr GR Patil to present the Academic Rules & Regulations. Dr GR Patil presented the highlights of Academic Rules & Regulations. The members felt that the document is well prepared and can be finalized.

**24. _Resolution 1.5.1:_** _It was resolved that the Academic Rule and Regulations for all UG & PG programs to be finalized and approved._

**25. Agenda Point 6: To discuss and approve Rule & Regulations for Assessment and Evaluation schemes for all UG & PG programs** Dr. PB Karandikar requested Dr JD Patil

to present the Assessment & Evaluation Rules & Regulations. Dr JD Patil presented the highlights of Academic Rules & Regulations. Rule and Regulations for Assessment and Evaluation schemes for all UG & PG programs were explained. The members felt that the document is well prepared and can be finalized

26. Dr Sachin Lodha asked the selection of absolute grading over relative grading. Dr GR Patil informed that in initial years absolute grading will be suitable because its simplicity.

27. Dr Sudeep Thepade also appreciated the idea of One Minute Video as a part of AAT included in CIE.

28. Mr. Vilas Deshpande raised concern regarding use of AI tools by students in CIE. Director AIT informed Academic council members that, AIT has licensed plagiarism software with Gen AI detection module which we will use extensively to address this issue.

**29. _Resolution 1.6.1:_** _It was resolved that the Rule and Regulations for Assessment & Evaluation for all UG & PG programs to be finalized and approved._

**30. Agenda Point 7: To approve nominations of two members on Board of Studies of each Department.** Two members from out of parent University are to be nominated on Board of Studies of each department.

31. Following members are recommended by the departments who can be nominated on their BoS.

### (a) Department of Electronics Telecommunication Engineering
  (i)  Dr. Rajesh Bodade, Professor, MCTE, Mhow, MP
  (ii) Dr. Pritesh Shah, Professor, SIT, (Symbiosis International Univ) Pune.

### (b) Department of Computer Engineering
  (i)  Dr. Ganesh Pathak, Professor, MIT ADT Univ, Pune.
  (ii) Dr. MU Kharat, VC, GH Raisoni Skill Univ., Pune.

### (c) Department of Information Technology
  (i) Dr Subhash Shinde, Principal, Lokmanya Tilak College of Engg, Navi Mumbai, Mumbai University.
  (ii) Dr. Wahida Attar, Associate Professor & Dean, COE Technological University, Pune

### (d) Department of Mechanical Engineering
  (i)  Dr Anand Kulkarni, Professor, MIT WPU, Pune
  (ii) Dr Sunil Dingre, Professor, MIT ADT Univ, Pune

**32.** *Resolution 1.7.1:* It was resolved that the members in para 31 to be nominated on BoS of respective departments.
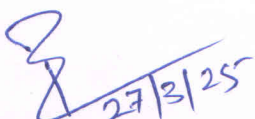
**33. Agenda Point 8: Any other academic matter pertaining to college with permission of chair.** There was no other major point raised by any member.
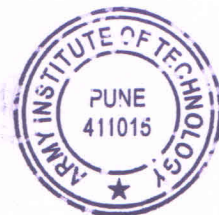
**Closing Remarks by Director AIT**

34. Big. Abhay A Bhat, Director AIT thanked all external members for their time and valuable suggestions. He expressed confidence in implantation of Autonomy. He appreciated the efforts of all BoS members, Dr JD Patil and Dr GR Patil in framing the syllabus, rules & regulations.
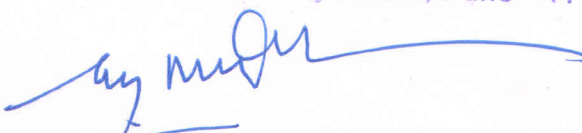
**Vote of Thanks**

35. Dr PB Karandikar thanked all members for attending this meeting.


(P B Karandikar)
Member Secretary, AC

(Dr B P Patil)
Principal
Principal
Army Institute of Technology
Dighi Hills, Pune - 411015

(Brig. Abhay A Bhat)
Director
Chairman, AC

Director
Army Institute of Technology
Dighi Hills, Pune - 411015.