



## **Minutes of Academic Advisory Committee (AAC) Meeting**

**May 26, 2023**

- Meeting took place in the offline mode in Mechanical Departmental Library from 11:00 am to 12:30 pm. Following members attended the AAC Meet on May 26, 2023:-

Dr B P Patil	Principal, AIT
Dr. U.V. Awasarmol	Prof. and Head of Department
Mr. Kedar Bhide	Industry Representative, Skoda-Volkswagen
Dr M R Dhanvijay	COEP, External Faculty
Col. Vaibhav Trivedi	Alumnus and Indian Army Research Wing
Mr Vishwajeet	Alumnus and Industry Expert
Prof V R Kulkarni	Faculty Representative
Prof. P. V. Dorlikar	Faculty Representative
Prof. R. S. Godse	Faculty Representative
Abhishek Meel (BE)	Student Representative
Aanchal Gupta (BE)	Student Representative
Deeksha Singh (TE)	Student Representative
Uttkarsh Singh (TE)	Student Representative
Ganga (SE)	Student Representative
Prashant Kumar Chauhan (SE)	Student Representative



**ARMY INSTITUTE OF TECHNOLOGY**  
Dighi Hills, Alandi Road, Pune 411015  
**Department of Mechanical Engineering**



- The Schedule of the Meeting was as follows:

1. Welcome	11:00 am
2. Presentation by HOD (Mech)	11:05 am
3. Brief by Principal	11:30 am
4. AAC Discussion/Brainstorming	11:45 am

(Earlier meeting points- scope, skills, employability, internships/placements)

**Minutes:**

1. The meeting was called to order by Dr. U.V. Awasarmol at 11:00 AM. He welcomed all members and expressed his gratitude for their participation.
2. The minutes of the previous meeting were reviewed by Prof. Kulkarni and approved without any objections. The minutes of this meeting were taken down by Ganga.
3. The educational qualifications of the faculty members were presented, highlighting their expertise and specializations.
4. A professor from the department received the Best Result Award for exceptional teaching and academic contributions
5. HOD Mechanical appraised all the members about vision and mission statements of institute as well as those of the department.
6. The department's accreditation from the National Board of Accreditation (NBA) was acknowledged by the external members, signifying adherence to high academic standards in subject wise mapping COs, POs, PSOs, and PEOs. Mapping Procedure was thoroughly discussed by HOD and the present staff members for the kind information of the honorable external members.
7. The number of research publications from the faculty members was discussed, and measures to enhance research output were considered.
8. Efforts to improve the department's consultancy avenue were mentioned, indicating steps taken to increase industry collaboration and consulting projects.
9. The department conducted internships and organized industrial visits (Sugar Factory, Sai Service Station, Agatya Industries) for students during the current



academic year, providing valuable industry exposure.

10. A student chapter was established within the department, fostering a sense of community and providing opportunities for student engagement and development.
11. Two notable projects by fourth-year students were highlighted:
  - A feasible prosthetic arm project aimed at improving the quality of life for individuals with limb disabilities.
  - A sound and gesture-activated robot pet project utilizing Raspberry Pi, offering an interactive and innovative solution.
12. The department introduced elective courses for third-year students, covering topics such as Augmented Reality/Virtual Reality (ARVR), 3D Printing, and Artificial Intelligence/Machine Learning (AIML).
13. Ethos Company expressed interest in providing internship opportunities for motivated students.
14. Brainstorming and structured discussion on the following pertinent academic issues:
  - Attendance of students
  - Post-COVID behaviour of students
  - Employability improvement
  - Introduction of Robotics and Automation in the Mechanical Department
15. Proposed Solutions:
  - Implement practical learning initiatives, particularly for third-year (TE) and final-year (BE) students, to enhance their industry readiness.
  - Consider offering incentives for placement-driven students, while emphasizing the importance of a strong educational foundation for career growth.
  - Highlight the importance of developing domain expertise, as it is difficult to replace and remains valuable in the long run, unlike certain fields impacted by technological advancements.
  - Encourage a mind-set shift among students regarding core careers, emphasizing that initial pay may increase over time and the value of practical knowledge.
  - Label classroom teaching as GATE-level preparation, emphasizing the rigor and relevance of the curriculum.
  - Additionally, explore the inclusion of IoT and Cyber security topics in the curriculum to align with industry demands.
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16. Vote of Thanks-

The date for the next meeting is yet to be decided. Prof. Kulkarni thanked all the members for their active participation and valuable contributions. He declared the meeting adjourned at 12:30 PM.



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17. Action Items:

- Prof. U.V. Awasarmol to explore and implement measures to improve research and development activities within the department.
- The department to strengthen its consultancy avenue and foster increased industry collaboration.
- Faculty members to encourage and guide students in pursuing internships and industrial visits.

Prof. V.R. Kulkarni

(Dept Representative)

Dr B.P. Patil

(Principal, AIT Pune)

Prof. U.V. Awasarmol

(HOD, Mechanical Department)