



DEPARTMENT OF AERONAUTICAL ENGINEERING

QUARTERLY NEWSLETTER



QUARTER 4

April – June 2025 | ACADEMIC YEAR 2024-25

FEATURED ACHIEVEMENT

Runner-up, Project Competition cum Exhibition, Innovation 2025 — ₹5,000 cash prize



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FROM THE HEAD'S DESK



Mr. Kiran Babu

Head, Department of Aeronautical Engineering

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It gives me immense pleasure to present the Quarterly Newsletter (Q4: April–June 2025) of the Department of Aeronautical Engineering. This publication serves as a vital platform to showcase the academic, research, and professional activities undertaken by our faculty and students during the quarter.

The past three months have been highly productive, marked by expert lectures from eminent academicians, quality research publications, student internships in reputed organisations, and meaningful industry-institute interactions. These achievements reflect our department's continued commitment to academic excellence, research innovation, and industry relevance.

Our efforts remain aligned with the institute's vision of nurturing technically competent and ethically responsible engineers capable of contributing to the aerospace sector and allied industries. I sincerely appreciate the efforts of the editorial team, faculty members, and students who contributed to this newsletter and made these accomplishments possible.

I hope this newsletter keeps all stakeholders informed and inspired as we move forward together.

— **Mr. Kiran Babu**

Head of the Department, Department of Aeronautical Engineering, ADCET, Ashta



01 RESEARCH PUBLICATIONS

Students and faculty members of the department demonstrated strong research engagement by publishing papers in reputed SCI and Scopus-indexed journals, reflecting the department's commitment to high-quality research and contribution to the global scientific community.

Student / Faculty	Publisher	Journal / Details
Dr. Vivekanandan A. K	Elsevier	Journal of the Taiwan Institute of Chemical Engineers, Vol. 171 DOI: 10.1016/j.jtice.2025.106033



02 STUDENT WORKSHOPS & COMPETITIONS

Student participation in national- and international-level workshops and competitions enhances technical knowledge, practical skills, creativity, innovation, and professional competence, while broadening exposure to industry trends and global practices.

Student	Event	Level	Date
Samiksha Sonavane	National Project Competition "Pioneer 2025" — KIT College of Engineering	National	22–23 Feb 2025
Samiksha Sonavane	National Paper Presentation "Pioneer 2025" — KIT College of Engineering	National	22–23 Feb 2025
Smruti Divate	National Paper Presentation "Pioneer 2025" — KIT College of Engineering	National	22–23 Feb 2025
Narendrasing Patil	Seminar on Product Design — ABC Training	State	27 Feb 2025
Gourishankar Kudkale, Omkar Chaundkar, Prajakta Dethe	Project Competition cum Exhibition — "Innovation 2025"	National	12 Apr 2025
Janhavi Patil	Power Tech Innovators — Energize 2k25	State	25 Apr 2025
Pratik Pawar	Power Tech Innovators — Energize 2k25	State	25 Apr 2025
Janhavi Patil	Mock Placement Drive — Energize 2k25	State	25 Apr 2025
Janhavi Patil	Tech Spark — Energize 2k25	State	25 Apr 2025



STUDENT ACHIEVEMENT

Gourishankar Kudkale, Omkar Chaundkar, and Prajakta Dethe of Third Year Aeronautical Engineering secured the Runner-up position in the Project Competition cum Exhibition at "Innovation 2025", and were awarded a cash prize of ₹5,000.

Their achievement reflects the department's growing culture of applied innovation and hands-on project development.



03 STUDENT INTERNSHIP

A significant number of students successfully completed internships at reputed organisations including DRDO laboratories, IITs, aerospace industries, and engineering firms, gaining hands-on exposure to real-world engineering problems and industrial workflows.

Student	Organisation	Student	Organisation
More Abhishek Kalyan	Die-Mech Engg Pvt Ltd	Pranav Sunil Patil	Shri Ganesh Industries
Moin Ashpak Mulla	Shri Ganesh Industries	Abhishek M. Shende	KUB Quality Service Pvt Ltd
Aznaan M. A. Shaikh	S.K Engineering	Shweta Arun Jadhav	Techno Craft Engineering
Sonam Sampat Mali	Kasturi Foundry Pvt Ltd	Arfa Rihan Todalbag	Perfect Engineering Works
Shubham S. Vagare	Shetkari Sootgirani	Prajakta C. Dhete	Aerobotz Unmanned Tech
Sujal B. Bhopale	SKY Group of Companies	Soham Gopal Baith	Rupam Fabricators & Engineers
Kshitija R. Gajbhiye	KQSPL Company	Kartik Balaso Chavan	Vaishnavi Profile Industries
Om Santosh Jadhav	Vaishnavi Profile Industries	Rajwardhan V. Mane	Vaishnavi Profile Industries
Pramila M. Savarde	Mahabal Metals Pvt Ltd	Apurva S. Dawane	Mahabal Metals Pvt Ltd
Shweta R. Raut	VCB Electronics	Vedandi Sameer Gondhali	Altra Agro Chem Pvt Ltd



04 INDUSTRIAL CONSULTANCY

The department undertook industrial consultancy projects, providing technical solutions in design and fabrication for external organisations. Faculty expertise was effectively translated into practical engineering services, reinforcing the department's role as a knowledge and solution provider.

Industry	Nature of Consultancy	Amount	Faculty Coordinator
Uday Reshellers and Cast Alloys, Sangli	Ultrasound Testing of Shafts	₹1 Lakh	Dr. S. Yuvaraj

The Department of Aeronautical Engineering sincerely appreciates the collective efforts of its faculty members, students, staff, and industry collaborators during Quarter 4 (April–June 2025) of AY 2024–25, and across a full year of sustained achievement. The achievements highlighted in this newsletter — including research publications, student internships, technical visits, industry interactions, and consultancy activities — reflect the department's sustained commitment to academic excellence, research, innovation, and industry engagement.

The department recognises the valuable contributions of its faculty members in strengthening research, pursuing professional development, and guiding students towards academic and career success. We also congratulate our students for actively participating in internships, technical visits, and career-oriented programmes that have enhanced their practical knowledge and professional readiness.

These accomplishments are a source of great pride for the department and reinforce our commitment to continuous improvement, innovation, discipline, and excellence. With the continued support of all stakeholders, we look forward to achieving greater accomplishments in AY 2025–26.



DEPARTMENT OF AERONAUTICAL ENGINEERING

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