



SANT DNYANESHWAR SHIKSHAN SANSTHA'S

ANNASAHEB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY, ASHTA

(An Empowered Autonomous Institute)

DEPARTMENT OF AERONAUTICAL ENGINEERING

QUARTERLY NEWSLETTER



QUARTER 1

Quarterly Newsletter

July - September 2025 | ACADEMIC YEAR 2025-26



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FROM THE HEAD'S DESK



Dr. Yuvraj

Head, Department of Aeronautical Engineering

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It gives me immense pleasure to present the Quarterly Newsletter (Q1: July–September 2025) of the Department of Aeronautical Engineering. This publication serves as a 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 an expert commemorative lecture, active student participation in national and international workshops, meaningful career guidance sessions, and a valuable student internship at ISRO's Satish Dhawan Space Centre. 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 made this newsletter possible.

— **Dr. Yuvraj**

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



VISION & MISSION

OUR VISION

To be a centre of excellence in aeronautical engineering education, producing globally competent engineers who contribute to the advancement of aerospace science, technology, and allied industries.

OUR MISSION

★ M1 Impart quality education in aeronautical engineering through effective teaching-learning practices and modern laboratory facilities.	★ M2 Foster a culture of research, innovation, and design thinking among students and faculty.
★ M3 Strengthen collaboration with industry, R&D organisations, and alumni for practical exposure and career readiness.	★ M4 Inculcate professional ethics, teamwork, and lifelong learning among students.



HIGHLIGHTS OF THE QUARTER

Quarter 1 (July–September 2025) set the tone for the academic year with a strong focus on student exposure — through workshops, career guidance, and hands-on industry internships — alongside a commemorative expert lecture that honoured India's space heritage.

1

EXPERT LECTURE

4

WORKSHOPS ATTENDED

2

CAREER GUIDANCE SESSIONS

1

STUDENT INTERNSHIP

Guest Lectures

1

Student Competitions

4

Career Sessions

2

Internships

1

Participants (Career Prog.)

105



01 EXPERT & GUEST LECTURES

The department organised expert and guest lectures aimed at enhancing students' conceptual understanding and exposure to emerging aerospace themes, encouraging technical curiosity and awareness of national scientific milestones.

Date	Topic	Resource Person
27 July 2025	Bharat Ratna A.P.J. Abdul Kalam's Remembrance Day	Dr. Yuvaraj S

WHY IT MATTERS

Commemorative and thematic lectures such as this connect students with India's scientific heritage and the values of service and innovation exemplified by pioneers like Dr. A.P.J. Abdul Kalam — reinforcing purpose alongside technical learning.

★ Legacy & Values

Sessions built around national scientific icons instil discipline, humility, and purpose in engineering practice.

★ Interdisciplinary Thinking

Guest sessions bridge classroom theory with real aerospace and defence applications.



02 STUDENT WORKSHOPS & COMPETITIONS

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

Student	Event	Level	Date
Vadud Mujawar	Impulse '25, Walchand College of Engineering	State	20-21 Sep 2025
Prathamesh Bothale	"Step-by-Step Guide to Publishing your Research", Elsevier	International	29 Jul 2025
Pravin Havale	Solid Mechanics Summer School for Beginners, IIT Kanpur	National	21-24 Jul 2025
Pradyumn Deshmukh	Solid Mechanics Summer School for Beginners, IIT Kanpur	National	21-24 Jul 2025

03 CAREER GUIDANCE PROGRAMMES

Career guidance sessions oriented students towards emerging roles in the aerospace and allied industries, with industry professionals sharing insights on skill requirements, career planning, and professional expectations.

Date	Programme	Participants
17 Jul 2025	"Career Opportunities in Indian Armed Forces"	50
22 Aug 2025	"Career Opportunities in Commercial Pilot"	55



Career Opportunities in Indian Armed Forces — 17 July 2025



Career guidance session in progress

WHY IT MATTERS

Structured career guidance early in the academic year helps students make informed choices about specialisations, competitive examinations, and career pathways well ahead of placement season.



04 STUDENT INTERNSHIP

Students continued to gain hands-on exposure to real-world engineering problems through internships at premier research organisations, greatly enhancing their technical competence and professional confidence.

URN No.	Student	Organisation
2071022	Janhavi Deepak Patil	Satish Dhawan Space Centre, ISRO, Hyderabad

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A single internship at ISRO's Satish Dhawan Space Centre exemplifies the calibre of exposure our students are earning at India's premier space research institutions.

— Editorial Desk

★ Real-World Exposure

Internships at DRDO, ISRO, IITs, and aerospace firms translate classroom learning into engineering practice.

★ Industry Readiness

Hands-on project work builds the professional confidence expected by top aerospace recruiters.



LOOKING AHEAD & ACKNOWLEDGEMENTS

Upcoming for Q2

The department looks forward to an active Q2, with planned research publications, conference presentations, faculty development programmes, and continued industry engagement.

★ Research Publications Faculty and students preparing manuscripts for SCI/Scopus-indexed journals.	★ Conference Presentations Scheduled participation in national and international technical conferences.
★ Industry Interaction Planned MoUs and technical exhibitions with aerospace industry partners.	★ Faculty Development Faculty enrolment in upcoming FDPs and STTPs on emerging technologies.

The Department of Aeronautical Engineering extends its heartfelt appreciation to all faculty members, students, staff, and industry collaborators whose dedication made Quarter 1 (July–September 2025) of AY 2025–26 a period of meaningful progress. The diverse accomplishments featured in this newsletter — from the commemorative expert lecture and student workshops to internships and career-guidance initiatives — reflect the strong spirit of teamwork and shared commitment to academic and professional excellence within the department.

We look forward to building upon these achievements and reaching new milestones through continued dedication and collective effort in the coming quarters.



DEPARTMENT OF AERONAUTICAL ENGINEERING

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