



SANT DNYANESHWAR SHIKSHAN SANSTHA'S

ANNASAHAB DANGE COLLEGE OF ENGINEERING AND TECHNOLOGY, ASHTA

(An Empowered Autonomous Institute)

DEPARTMENT OF AERONAUTICAL ENGINEERING

QUARTERLY NEWSLETTER



QUARTER 2

Quarterly Newsletter

October – December 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 (Q2: October–December 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 SCI-indexed journal publication, two conference presentations, strong student participation across eleven national and state-level workshops and competitions, a technical exhibition partnership with Epsilon Aerospace, seven student internship placements, and an industry visit to Rev Aerospace. 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 2 (October–December 2025) saw the department deepen its research profile with a journal publication and two conference presentations, while students represented the department at eleven workshops and competitions across the country, seven secured internships at reputed organisations, and the department strengthened industry linkages through an exhibition partnership and a technical field visit.

1

JOURNAL PUBLICATION

2

CONFERENCE PAPERS

11

WORKSHOPS / COMPETITIONS

7

INTERNSHIPS SECURED

Publications

Conference Papers

Workshops/Competitions

Internships

Industry Interactions

1

2

11

7

2



01 RESEARCH PUBLICATIONS

Students and faculty demonstrated strong research engagement by publishing in reputed SCI and Scopus-indexed journals, covering areas such as aerodynamics, aeroacoustics, nanomaterials, and bio-inspired airfoil design.

Student / Author	Publisher	Journal	Details
Jasleen Kour, B.Tech Final Year	De Gruyter	International Polymer Processing	Volume 40, Issue 05 • November 2025

WHY IT MATTERS

SCI-indexed publications at the undergraduate level reflect the department's growing research culture and give students an early, credible foothold in the global scientific community.



02 CONFERENCE PRESENTATIONS

Students and faculty presented research findings at national and international conferences, strengthening research visibility and keeping the department abreast of advancements across aerospace and allied engineering domains.

Presenter(s)	Host Institution	Conference	Date
Pravin Havale & Rohan Badiger, B.Tech Final Year	Dwarkadas J. Sanghvi College of Engineering	International Conference on Smart Mechanical Systems for Sustainability	22-23 Dec 2025
Pravin Havale, B.Tech Final Year	Solaris Publications	International Journal of Innovative Research in Technology (Vol. 12, Issue 07)	Dec 2025



03 STUDENT WORKSHOPS & COMPETITIONS

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

Student	Event	Level	Date
Janhavi Patil	Online Industry Readiness Workshop on CFD, FOSSEE — IIT Bombay	National	11–14 Nov 2025
Kedar Bashinge	CATIA Workshop, Vedaero	State	1 Nov 2025
Soham Bait	Ideation Workshop, e-Yantra Innovation Challenge (eYIC 2025-26) — IIT Bombay	National	31 Oct 2025
Shivaji Shewale	Workshop on Computational Mathematics with MATLAB, Indian Mathematics Professors Association	National	27–29 Oct 2025
Janhavi Patil	Workshop on Computational Mathematics with MATLAB, Indian Mathematics Professors Association	National	27–29 Oct 2025
Aditya Borde	Hackatron, Infotsav '25 — Atal Bihari Vajpayee Institute of IT & Management	National	Oct 2025
Janhavi Patil	Paper Presentation, Discovery 2025	State	11 Oct 2025
Pratik Pawar	Paper Presentation, Discovery 2025	State	11 Oct 2025
Pradyumn Deshmukh	Paper Presentation, Discovery 2025	State	11 Oct 2025
Nakul Jadhav	CAD Combat, Vertex 2025-26 — Walchand College of Engineering	National	3–5 Oct 2025

The department also congratulates Prathmesh Patil, Aditya Borde, and Kartik Chavan for representing the institute at additional inter-collegiate events during the quarter.



04 INDUSTRY-INSTITUTE INTERACTION

The department engaged in industry-institute interaction through participation in national-level technical exhibitions, providing opportunities to showcase department-developed products and strengthen applied research culture.

Date	Industry Partner	Nature of Interaction
15 Dec 2025	Epsilon Aerospace Pvt Ltd	National-level technical exhibition — 10 students showcased department-developed projects



Department team at the Epsilon Aerospace technical exhibition



Technical session in progress



05 STUDENT INTERSHIPS

Students completed internships at reputed organisations, gaining hands-on exposure to real-world engineering problems and industrial workflows.

URN No.	Student	Organisation
22071037	Prathamesh Mohan Rupnur	Equator Property Managers Pvt Ltd
22071016	Bhavik Bhaskar Kale	—
23072010	Dhonukshe Vinayak Namdev	—
21071025	Prathamesh Umesh Mali	Samrat Engineering Works
22071008	Samiksha Vinayak Sonavane	Nitte Meenakshi Institute of Technology
21071028	Tejas Prakash Patil	—
22071027	Rohan Rajendra Badiger	—



06 INDUSTRY VISIT / FIELD TRIP

The department organised industry visits to provide students with firsthand experience of industrial practices, helping them understand practical applications of classroom concepts and specialised domains such as non-destructive evaluation.

Date	Industry	Students	Faculty Coordinators
14 Dec 2025	Rev Aerospace Pvt Ltd	10	Mr. R. Reju & Mr. R. Sabarishwaran



Students during the technical visit to Rev Aerospace Pvt Ltd



LOOKING AHEAD & ACKNOWLEDGEMENTS

Upcoming for Q3

The department looks forward to continued expert lectures, faculty development programmes, and sustained student participation in technical events and career-guidance initiatives.

★ Expert Lectures Technical writing and specialised STTPs planned for the coming quarter.	★ Alumni Engagement Sessions by distinguished alumni on emerging industry trends.
★ Career Guidance Guidance sessions on aviation, aerospace, and defence careers.	★ Industry Visits Continued technical exposure through field trips and exhibitions.

The Department of Aeronautical Engineering gratefully acknowledges the dedicated efforts and significant contributions of its faculty members, students, staff, and industry partners during Quarter 2 (October–December 2025) of AY 2025–26. The achievements presented in this newsletter demonstrate the department's collective commitment to academic excellence, professional development, research, and industry engagement.

The department takes great pride in the accomplishments achieved during the quarter and remains committed to promoting innovation, discipline, and continuous improvement in the quarters ahead.



DEPARTMENT OF AERONAUTICAL ENGINEERING

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