

Newsletter

[Quarterly Report 1 for AY2022 – 2023]





Institute Vision

To be a Leader in preparing professionally competent engineers

Institute Mission

We, at Annasaheb Dange College of Engineering and Technology, Ashta, are committed to achieve our vision by

- ✓ Imparting effective outcome based education.
- ✓ Preparing students through skill oriented courses to excel in their profession with ethical values.
- ✓ Promoting research to benefit the society.
- ✓ Strengthening relationship with all stakeholders.

Our Department Vision

To be a leader in preparing competent aeronautical engineers to meet the present and future needs of the aeronautical and allied industries.

Our Department Mission

We, at the Department of Aeronautical Engineering, Annasaheb Dange College of Engineering and Technology, Ashta are committed to achieve our vision by

- ✓ Preparing the students with good fundamental knowledge of aeronautics through outcome-based education.
- ✓ Imparting technical knowledge in tune with the current industry requirements through skill-oriented courses.
- ✓ Promoting research culture among the faculty and students through sponsored and consultancy projects with industries and research establishments.
- ✓ Establishing relationships with all the stakeholders for the benefit of students.

Editorial Board

Role	Name
Editor	Mr. K. M. Kiran Babu
Student Editor	Mr. Munj Dhanraj Santosh – B.Tech Aeronautical Engineering, Third Year
Student Co-Editor	Ms. Kamble Pratiksha Namdev – B.Tech Aeronautical Engineering, Third Year
Proof Reader	Ms. Altar Muskan Javed – B.Tech Aeronautical Engineering, Second Year
Graphics Editor	Mr. Yash Vijay Gangasagar – B.Tech Aeronautical Engineering, Second Year

Index

Contents

HOD's Desk	3
1. Industry Institute Interaction.....	5
2. Guest Lecture Organized by the Department.....	5
3. Celebrating Visionaries: Special Academic Events.....	6
4. Faculty Contribution in Research Publications/Conferences.....	6
5. From Campus to Nation: Student Success in Premier Competitions.....	7
6. Compassion in Motion: Student-Led Social Impact Events.....	7
7. Alumni Connect: Guiding Futures in Aeronautical Engineering.....	8
8. Student Placement Report – Q1.....	8
9. Student Internship Report – Q1.....	9

HOD's Desk



Mr. K. M. Kiran Babu
Head, Department of Aeronautical Engineering

Dear Readers

It gives me immense pleasure to present to you the first quarter edition of our departmental newsletter for the academic year 2022-23. This publication serves as a vital bridge connecting our students, faculty, staff, alumni, and external collaborators—highlighting our shared achievements, innovations, and aspirations.

The past quarter has been particularly eventful. From student accolades in national competitions to groundbreaking research collaborations and the successful inauguration of our Advanced Wind Tunnel Facility, our department continues to grow in both capability and reputation. These milestones reflect our unwavering commitment to academic excellence and technological advancement.

Our department remains deeply aligned with the vision and mission of the institute, fostering core competencies in aerospace sciences, engineering fundamentals, and interdisciplinary innovation. We are proud to have a dedicated team of faculty members, many of whom are nationally recognized researchers and mentors, who play a pivotal role in shaping the next generation of aerospace professionals.

As we move forward into a future shaped by aerospace innovation, sustainability, and global collaboration, I encourage all members of our community to actively engage with the opportunities and initiatives featured in this newsletter. Let this publication not only inform but also inspire continued excellence and collective growth.

I extend my heartfelt appreciation to each member of Departmental Editorial team of the Newsletter for their creative efforts in compiling and designing this edition. I also thank all faculty and staff for their continued dedication to our teaching, research, and mentoring missions.

I hope you enjoy reading through the updates and stories that reflect the spirit and strength of our department. Let us continue to aim high and push boundaries.

Warm regards,
Mr. Kiran Babu
Head of the Department
Department of Aeronautical Engineering, ADCET, Ashta.

1. Industry Institute Interaction

Real-world relevance, right in the classroom. From expos to expert visits, our department actively connects with industry to enrich learning and boost career readiness.

Sl. No	Date of Event	Nature of Interaction	Industry Name & Contact Person
1	28 - 29/07/2022	Faculty Delegation to Expo	Aerospace and Defense Manufacturing 2022, Bengaluru
2	29/07/2022	Laboratory Development & Guest Lecture	Mr. Vijay Kumar M Director-Technical Dynatec, Bangalore.
3	01/08/2022	Curriculum Development & Campus Recruitment	Dr. Shashidhar S Principal Engineer Collins Aerospace, Bengaluru.
4	23/09/2022	Student Field Visit	Kolhapur Airport Manager

Special thanks to **Mr. Kiran Babu**, **Mr. Reju R**, and **Mr. Sabarishwaran** for fostering strong industry ties and experiential learning.

2. Guest Lecture Organized by the Department

Fresh perspectives from the frontlines of innovation. Experts from academia and industry brought cutting-edge insights, sparking curiosity and expanding horizons. The department proudly hosted insightful expert sessions to enrich student learning and industry alignment:

Sl. No.	Date of Event	Lecture/ Program Topic	Guest/ Trainer Details
1	12/08/2022	Introduction to Fuel Cell Chemistry	Dr. S. Kalaiselvan, Professor M. Kumarasamy College of Engineering, Karur.
2	14/09/2022	Hydrogen fuels & Applications for EV's	Mr. Anand Thakar CADCAMGURU, Pune.

A heartfelt appreciation to **Dr. S. Yuvaraj** for his consistent efforts in organizing high-impact lectures that bridge academic theory with industrial relevance.

3. Celebrating Visionaries: Special Academic Events

Honoring brilliance, inspiring boldness. We celebrated Dr. Kalam's legacy and Engineers Day with events that challenged minds and celebrated technical excellence.

Sl. No.	Date of Event	Event Name	Organizer
1	27/07/2022	7 th Commemoration Day of Dr. A. P. J. Abdul Kalam	Department of Aeronautical Engineering (Research Seminar & Essay competition)
2	13/09/2022	"Abhiyanta-Utsav" on Engineers Day	ACRA (Student Club) (APTI-Master & CAD Master)

Kudos to **Mr. Basithrahman A** and **Mr. Reju R** for inspiring student engagement through meaningful events.

4. Faculty Contribution in Research Publications/Conferences

Ideas that shape the future. Our faculty published in top journals and presented at national conferences, pushing boundaries in aerospace and beyond.

Sl. No.	Name of the Faculty	Source Link
1	Dr. A. K. Vivekanandhan Asso. Prof.	Sivakumar, M., A. K. Vivekanandan , G. Panomsuwan, V. Veeramani, S-H. Chen, Z. Jiang, and T. Maiyalagan. "Flower-like NiCo ₂ O ₄ nanoflake surface covered on carbon nanolayer for high-performance electro-oxidation of non-enzymatic glucose biosensor." Materials Today Chemistry 26 (2022): 101156. SCI/Scopus Indexed Journals: DOI: https://doi.org/10.1016/j.mtchem.2022.101156
2	Dr. N.V. Raghavendra Asso. Prof & Mr. Sabarishwaran R Asst. Prof.	N.V. Raghavendra and Sabarishwaran R , Computational analysis for optimal location of open sunroof for an SUV with ahmed body profile, 10th National Conference on Recent Developments in Mechanical Engineering [RDME 2022] organized by Modern Education Society's College of Engineering in association with AIP Publisher, USA. National Conference: https://doi.org/10.1063/5.0169024

3	Mr. K. M. Kiran Babu Asst. Prof.	KM Kiran Babu , S Gulawani, RS Pant, Multi-Disciplinary Design Optimization Studies on Buoyant System for Exploring Venusian Atmosphere, 44th COSPAR Scientific Assembly. Held 16-24 July, 2022 National Conference: https://ui.adsabs.harvard.edu/abs/2022cosp...44.3363K/abstract
---	-------------------------------------	--

5. From Campus to Nation: Student Success in Premier Competitions

Innovation in action. From design challenges to national hackathons, our students proved their mettle on prestigious platforms.

Sl. No.	Date of Event	Event Name	Organizer
1	15/07/2022	AAKRUTI 2022 -Design Challenge	Dassault Systems
2	25/08/2022	SMART INDIA HACKATHON 2022 - Hardware Edition	Ministry of Education & AICTE



Parametric Sizing and Optimization of Self-Stabilizing Buoyant Aerial Platforms" presented at Chitkara University, Punjab (Our Team in the picture with Faculty members (Mr. Raju R & Mr. Sabarishwaran R)

Applause to our coordinators **Mr. K. M. Kiran Babu** (AAKRUTI 2022) and **Mr. Reju R & Mr. Sabarishwaran** (SIH 2022) for mentoring students to national-level platforms!

6. Compassion in Motion: Student-Led Social Impact Events

Empathy meets action. Through blood donation and tree plantation drives, our students showed that leadership begins with service.

Sl. No.	Date of Event	Event Name	Organizer
1	07/07/2022	"Blood Donation Camp" 10 Students Donated Blood 02 Volunteers	NSS Cell
2	11/07/2022	"Tree Plantation Camp" 10 Students Participated	NSS Cell

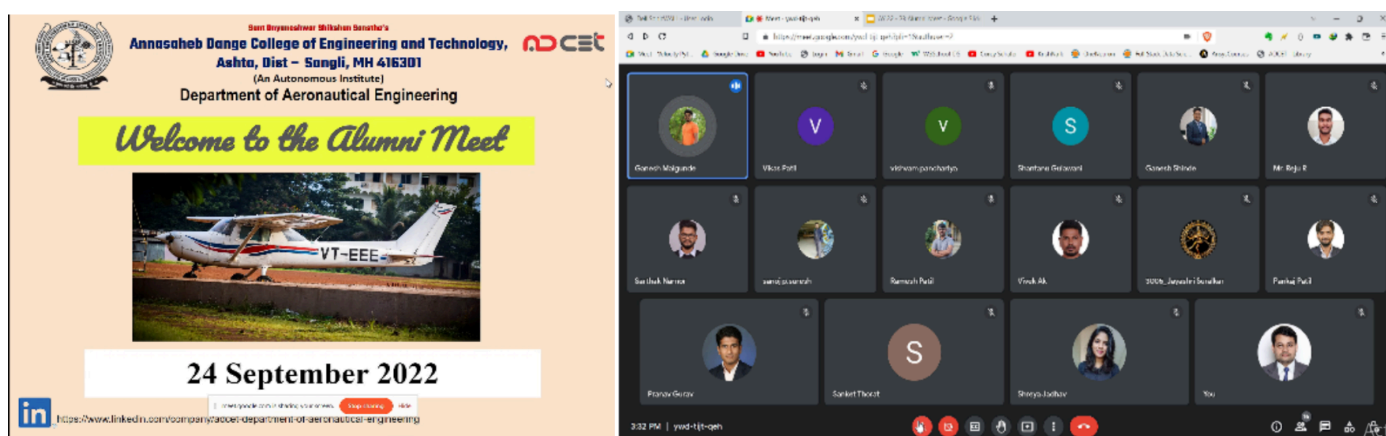
Thank you, **Mr. Basithrahman**, for nurturing civic responsibility among students.

7. Alumni Connect: Guiding Futures in Aeronautical Engineering

On 24/09/2022, the Department of Aeronautical Engineering hosted a vibrant Alumni Meet, bringing together 22 accomplished alumni and 60 enthusiastic students. The event served as a bridge between experience and aspiration, offering students firsthand insights into industry trends, job profiles, and career pathways.

From GATE exam guidance to LinkedIn strategies and project suggestions, alumni shared practical advice and personal journeys that inspired and informed. With 82 attendees, the session sparked meaningful conversations and strengthened the bond between past and present members of the department.

It wasn't just a meet—it was a moment of mentorship, motivation, and momentum.



Alumni Meet 2022 — A digital reunion bridging generations of Aeronautical Engineering students and professionals

Appreciation to **Mr. Yogesh B Kumbhar** for coordinating a successful alumni meet.

8. Student Placement Report – Q1

From campus to career. With a 21% placement rate and packages up to ₹7 LPA, our students are stepping confidently into the professional world.

Placement Summary

- **Total Eligible Students:** 67
- **Total Students Placed:** 14
- **Average Package Offered:** ₹4.0 LPA

Companies	No. of Students Placed	Highest Package	Average Package
TCS Digital	2	₹7.0 LPA	₹7.0 LPA
TCS Ninja	11	₹3.36 LPA	₹3.36 LPA
KPIT	1	₹4.5 LPA	₹4.5 LPA

Sl. No.	Name of the students	Company	Package
1	Akshay Annasaheb Gorde	TCS Digital	₹7.0 LPA
2	Prasad Laxman Magar	TCS Digital	₹7.0 LPA
3	Harshal Dinesh Diwate	TCS Ninja	₹3.36 LPA
4	Swapnili Somnath Shintre	TCS Ninja	₹3.36 LPA
5	Yash Surendra Mane	TCS Ninja	₹3.36 LPA
6	Sandip Suryabhan Anap	TCS Ninja	₹3.36 LPA
7	Saurabh Sharma	TCS Ninja	₹3.36 LPA
8	Harshada Ganesh Pudale	TCS Ninja	₹3.36 LPA
9	Vaishnavi Venkat Reddy	TCS Ninja	₹3.36 LPA
10	Saurabh Someshwar Bhatkar	TCS Ninja	₹3.36 LPA
11	Akash Dilip Kekan	TCS Ninja	₹3.36 LPA
12	Devansh Avinash Mirjawe	TCS Ninja	₹3.36 LPA
13	Umanand Mahesh Yadav	TCS Ninja	₹3.36 LPA

9. Student Internship Report – Q1

Learning by doing. Internships at DRDO and HAL gave students hands-on exposure to cutting-edge aerospace technologies.

Sl. No.	URN No.	Name of Student	Name of Company
1	17171011	Shruti Sanjay Gaikwaid	DRDO, Hyderabad
2	19171014	Trunika Shivaji Bhujbal	DRDO, Hyderabad
3	19171007	Mansi Himmat Sisale	DRDO, Hyderabad
4	20172005	Shruthi Govind Kulkarni	DRDO, Hyderabad
5	20172002	Jeetisha Pravin Jadhav	HAL, Nasik
6	20171013	Hitesh Bawarlal Rathod	DRDO, Hyderabad
7	20171024	Dhanraj Santosh Munj	DRDO, Hyderabad
8	20171020	Harshal Suresh Makasare	DRDO, Hyderabad
9	20171008	Yash Govind Gadekar	DRDO, Hyderabad
10	20171030	Sangram Sanjay Patil	DRDO, Hyderabad

Commendations to **Mr. Reju R** and **Mr. Oblisamy** for facilitating prestigious internships.

This quarter reflects the department's unwavering commitment to academic excellence, industry collaboration, and student development. We extend our sincere gratitude to all faculty coordinators whose dedication and leadership continue to elevate our standards and enrich our NBA accreditation journey.

“Let's keep soaring higher—together!”

