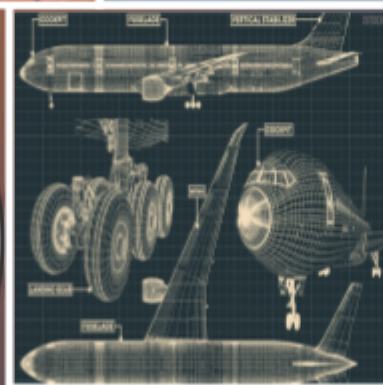


Quarterly Report 2

Newsletter

Oct - Dec 2022



Sant Dnyaneshwar Shikshan Sanstha's

Annasaheb Dange College of Engineering and Technology (ADCET), Ashta

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. Attar 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. Specialized Training Programs Organized by the Department.....	4
2. Industry-Institute Interaction and Collaboration.....	4
3. Professional Society Activities.....	4
4. Guest Lectures Organized by the Department.....	5
5. Igniting Innovation: Highlights from Technical Events.....	5
6. Faculty Research Contributions.....	5
7. Faculty Enrichment Activities.....	6
8. Student Achievements in Competitions.....	6
9. Social Impact Initiatives.....	6
10. Career Guidance Sessions.....	6
11. Placement Report – Q2.....	7
12. Internship Report – Q2.....	7
13. Sporting Excellence.....	9
14. Alumni Connect.....	9
15. Industry Partnership: Technical Consultancy.....	10

HOD's Desk

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



Dear Readers

It is with great pride that I present the second quarter newsletter of our department for AY 2022-23. This edition reflects our unwavering commitment to academic excellence, industry integration, and holistic student development.

Quarter 2 has been marked by impactful training programs, national-level student achievements, faculty research contributions, and strategic industry partnerships. Our students have demonstrated their capabilities not only in technical domains but also in social outreach and sports. Faculty members have actively engaged in enrichment programs, ensuring our teaching practices remain innovative and future-ready.

As we continue to align with the institute's vision, I invite all stakeholders—students, faculty, alumni, and industry partners—to stay engaged and inspired. Together, let us continue to build a vibrant ecosystem of learning, innovation, and service.

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

1. Specialized Training Programs Organized by the Department

Skill-building for industry readiness. Hands-on certification courses enhanced technical competencies among students and faculty.

Sl. No.	Date of Event	Event Name	Recourse Person
1	4 - 07/10/2022	Introduction to OpenFOAM (19 Participants)	Mr. Noble Sharma Skill-Lync, Bengaluru
2	25 - 30/11/2022	Aerospace Technical Publication (15 Participants)	Mr. Arun V A Crynofist Design and Engineering Solutions Pvt. Ltd.

Kudos to **Mr. Kiran Babu** and **Mr. Oblisamy** for empowering students with industry-relevant technical skills through hands-on certification programs.

2. Industry-Institute Interaction and Collaboration

Strengthening ties with the aerospace ecosystem. Our department actively collaborated with industry leaders to enhance curriculum relevance, promote experiential learning, and foster innovation.

Sl. No	Date of Event	Nature of Interaction	Industry Name & Contact Person
1	23/11/2022	Research & Development Collaboration	M/s Menon & Menon Ltd, Kolhapur
2	03/12/2022	Establishment of Center for Augmented Reality (AR)/Virtual Reality (VR) for Aerospace Engineering	M/s SmartGCPro Edutech
3	14/12/2022	Industrial Consultancy	M/s Bharath Auto Industries

Applause to our faculties (**Mr. Sanoj P. Suresh**, **Mr. Reju R**, **Mr. Sabarishwaran**, and **Mr. K. M. Kiran Babu**) for forging impactful industry partnerships that benefit both curriculum and career pathways.

3. Professional Society Activities

Sl. No	Date of Event	Nature of Interaction	Industry Name & Contact Person
1	29/12/2022	Center of Excellence Planning	ISNT Pune Chapter

Thank you, **Mr. Kiran Babu**, for steering professional society engagement with strategic foresight.

4. Guest Lectures Organized by the Department

Bringing expertise into the classroom. Guest lectures offered students and faculty valuable insights into emerging technologies and industry practices.

Sl. No.	Date of Event	Lecture/ Program Topic	Guest/ Trainer Details
1	03/10/2022	Root Locus and State Space Modeling	Mr. Noble Sharma Associate Tech Support Engineer - CFD Skill-Lync, Bengaluru
2	17/10/2022	Aircraft Engine Design Principles	Mr. Thariq Ahamed Rafiq Co-Founder and Head Mechanical Systems, NextLeap Aeronautics Pvt. Ltd., Bengaluru .

A special note of appreciation to **Mr. K. M. Kiran Babu** for consistently curating expert-led sessions that deepen student understanding of core aeronautical concepts.

5. Igniting Innovation: Highlights from Technical Events

Where creativity meets engineering. Students participated in high-impact technical events that challenged their problem-solving skills and design thinking.

Sl. No.	Date of Event	Event Name	Organizer
1	15/10/2022	TECHNOWINGS - 2022 (A Technical Symposium)	Department of Aeronautical Engineering
2	02/12/2022	Thermodynamic Exhibition	ASTRA & ACRA (Student) Club

Hats off to **Prof. Basithrahman A** and **Dr. Yuvaraj** for nurturing technical curiosity through dynamic student-led events.

6. Faculty Research Contributions

Ideas that shape the future. Faculty published in reputed journals and contributed to global aerospace discourse.

Sl. No.	Name of the Faculty	Source Link
1	Mr. K. M. Kiran Babu Asst. Prof.	Magar, A., Gulawani, S.S., Babu, K.M.K. , Pant, R.S. (2023). Numerical Investigation of Laminar to Turbulent Boundary Layer Transition Over Airship Envelopes. In: Shukla, D. (eds) Lighter Than Air Systems. Lecture Notes in Mechanical Engineering. Springer, Singapore.

		SCI/Scopus Indexed Journals: DOI: https://doi.org/10.1007/978-981-19-6049-9_12
--	--	---

7. Faculty Enrichment Activities

Learning never stops. Faculty participated in STTPs, FDPs, and workshops to enhance pedagogy and research skills. Their commitment to continuous learning sets a benchmark for academic excellence.

Sl. No.	Duration	Topic	Faculty Name
1	4 Weeks	Product Design and Development - NPTEL	Dr. S. Sendhil Kumar
2	31 - 04/11/2022	Engineering Optimization using MATLAB	Dr. S. Sendhil Kumar
3	10 - 12/11/2022	FDP on Design Thinking	Dr. S. Sendhil Kumar Mr. Basithrahman A
5	21 - 25/11/2022	One Week Training Program in IPR	Mr. K. M. Kiran Babu
6	05 - 09/12/2022	Universal Human Values I	Mr. Sabarishwaran

8. Student Achievements in Competitions

Innovation in action. Students participated in NACDeC-VI, showcasing conceptual aerospace design skills.

Sl. No.	Date of Event	Event Name	Organizer
1	10/2022	NACDeC - VI	AeSI Design Division

Thank you, **Mr. Reju R**, for encouraging national-level student engagement.

9. Social Impact Initiatives

Empathy meets action. Students engaged with local farmers, promoting community connection and awareness.

Sl. No.	Date of Event	Event Name	Organizer
1	25/10/2022	Farmer Outreach – Ashta	Dept. of Aeronautical Engineering

Thank you, **Dr. Yuvaraj**, for extending aeronautical knowledge to grassroots communities.

10. Career Guidance Sessions

Preparing for tomorrow. Interactive sessions offered insights into core jobs, entrepreneurship, and aerospace publishing.

Sl. No.	Date of Event	Event Name	No of Participants
1	17/10/2022	Core Job and Entrepreneurship opportunities 2022 in Field of Aeronautical Engineering	103
2	14/11/2022	Roles and opportunities in Aerospace Technical publication	74

A big thank you to **Mr. Oblisamy** for guiding students toward meaningful career paths.

11. Placement Report – Q2

From campus to career. Students secured placements in top firms, reflecting academic strength and industry readiness.

Placement Summary

- **Total Students Placed:** 9
- **Average Package Offered:** ₹3.5 LPA

Companies	No. of Students Placed	Highest Package	Average Package
TCS Ninja	3	₹3.36 LPA	₹3.36 LPA
Capgemini	6	₹4.00 LPA	₹4.00 LPA

List of Placed Students

Sl. No.	Name of the students	Company Name	Package
1	Swaraj Hanumant Akhade	TCS Ninja	3.36 LPA
2	Ashmika Ganesh Gawane	TCS Ninja	3.36 LPA
3	Jeetisha Pravin Jadhav	TCS Ninja	3.36 LPA
4	Yadav Umanand Mahesh	Capgemini	4.0 LPA
5	Pratik Ramdas Mali	Capgemini	4.0 LPA
6	Gawane Ashmika Ganesh	Capgemini	4.0 LPA
7	Trunika Shivaji Bhujbal	Capgemini	4.0 LPA
8	Vaishnavi Venkat Reddy	Capgemini	4.0 LPA
9	Jyoti Anil Patil	Capgemini	4.0 LPA

Congratulations to our placed students and the placement team for their unwavering support!

12. Internship Report – Q2

Learning by doing. 28 students interned at premier aerospace and engineering firms across India.

- **Key Organizations:**

- o DRDO, Hyderabad
- o Tata Boeing Pvt. Ltd., Hyderabad
- o Aeolus Aero Technologies Pvt. Ltd., Bengaluru
- o S & I Engineering Solutions Pvt. Ltd., Bengaluru
- o Techera Engineering (India) Pvt. Ltd., Pune
- o Aerobotz Unmanned Technologies Pvt. Ltd., Ashta
- o Innovative Engineering Services, Coimbatore

List of Placed Students

Sl. No.	URN No.	Name of Student	Name of Company/Organization
1	19111028	Sandip Baburao Shembade	S & I Engineering Solutions Pvt. Ltd., Bengaluru
2	19171005	Suralkar Jayashri Sudhakar	
3	19171001	Marjiwe Devansh Avinash	NextLeap Aeronautics Pvt Ltd., Bengaluru
4	19171009	Bhatkar Saurabh Someshwar	
5	19171051	Patil Samarth Jagdish	
6	19171039	Patil Saloni Dhondiram	Tata Boeing Pvt. Ltd., Hyderabad
7	19171022	Harshada Ganesh Pudale	Aerobotz Unmanned Technologies Pvt. Ltd, Ashta
8	19171016	Sonali Bhimaji Dhawale	Softthenext, Pune
9	19171019	Mayuresh Pravin Chaudhari	Innovative Engineering Services, Coimbatore
10	19171036	Yadav Umanand Mahesh	
11	19171031	Akshay Annasaheb Gorde	
12	19151031	Vishwajeet Shahaji Gharge	
13	19171034	Mansi Ambadas Jogand	Aeolus Aero Technologies Pvt. Ltd., Bengaluru
14	19171056	Shailesh Pandurang Erudkar	Sai Links (India) Pvt. Ltd
15	20172004	Prathamesh Sanjay Chopde	
16	18171051	Shubham R. Manageni	Aeolus Aero Tech Pvt. Ltd
17	19171047	Gouri Prathap Shinde	Advanced Systems Laboratory, DRDO, Hyderabad
18	19171041	Sourav Sharma	
19	19171003	Jyoti Anil Patil	
20	19171014	Trunika Shivaji Bhujbal	
21	20172001	Hruturaj Anirudha Mankar	Techera Engineering (India) Pvt. Ltd., Pune

22	19171029	Gazi Akram Gazi Javed	Inspire Industries, Aurangabad
23	19171028	Suraj Anil Koulapure	Advanced Systems Laboratory, DRDO, Hyderabad
24	19171026	Harshal Dinesh Diwate	
25	19171009	Saurabh Someshwar Bhatkar	
26	19151031	Vishwajeet Shahaji Gharge	
27	19171001	Marjiwe Devansh Avinash	
28	19171051	Patil Samarth Jagdish	

Faculty coordinators played a pivotal role in securing internships at premier organizations including DRDO, HAL, Tata Boeing, Aeolus Aero Tech, and more.

Special appreciation to:

Mr. K. M. Kiran Babu for mentoring students at NextLeap, Aeolus, and S&I Engineering.

Mr. Reju R for facilitating DRDO placements.

Mr. Oblisamy, Mr. Sanoj P. Suresh, Dr. Sendhil Kumar, and Prof. Basithrahman A for their dedicated supervision across diverse internship domains.

13. Sporting Excellence

Pride through performance. Students excelled at Table Tennis Zonals 2022–23.

Category	Achievement	Student Names	Class
Women's Table Tennis	First Prize	Sanika Satpute Sushruti Karhade	T.Y.
Men's Table Tennis	Runner-Up	Aditya Dalvi Sangram Patil Dhanraj Munj Pratham Yewale	T.Y.

Congratulations to our champions for bringing pride to the department!

14. Alumni Connect

Experience meets aspiration. Mr. Vishvam Panchariya (ALTEN India) shared career insights in aerospace technical publication.

Highlights

- ✓ Career pathways in aerospace
- ✓ Experiences at QuEST Global & ALTEN
- ✓ Tips for growth
- ✓ Live Q&A with students

Date: 10th Dec 2022 | **Platform:** Google Meet.

15. Industry Partnership: Technical Consultancy

Academic expertise meets industrial impact. A consultancy project with M/s Bharath Auto Industries showcased our applied research capabilities. We extend our thanks to **Mr. K. M. Kiran Babu** and **Dr. Sendhil Kumar**, whose technical expertise continues to deliver real-world impact.

Sl. No.	Project Value	Consultancy Focus	Industry Partner
1	Rs. 55,555 /-	CFD & FEA Analysis of Pumps	M/s Bharath Auto Industries

Alumni Interaction

Anasabai Dange College of Engineering and Technology, Aurha
AERONAUTICAL ENGINEERING DEPARTMENT

You're Invited to join

Alumni Interaction with

Mr. Vishvam Panchariya

Engineer, AETON India - Engineering & Technology Consulting
Ex. Services Engineer, QaEST Global Services Pvt. Ltd.

Topics to be covered:

- Aspects of Technical Publication job
- Sharing experience in QaEST Global and AETON India
- Tips for career growth
- Q&A and Guidance

Date: 10th December 2022, 11:00 AM

Mode: Online (Google meet)

Note: Please register to get joining link & email id.

Register here : <https://forms.gle/wQ11uG9dE2k1qs7>





Oct – Dec 2022
AY2022 - 23