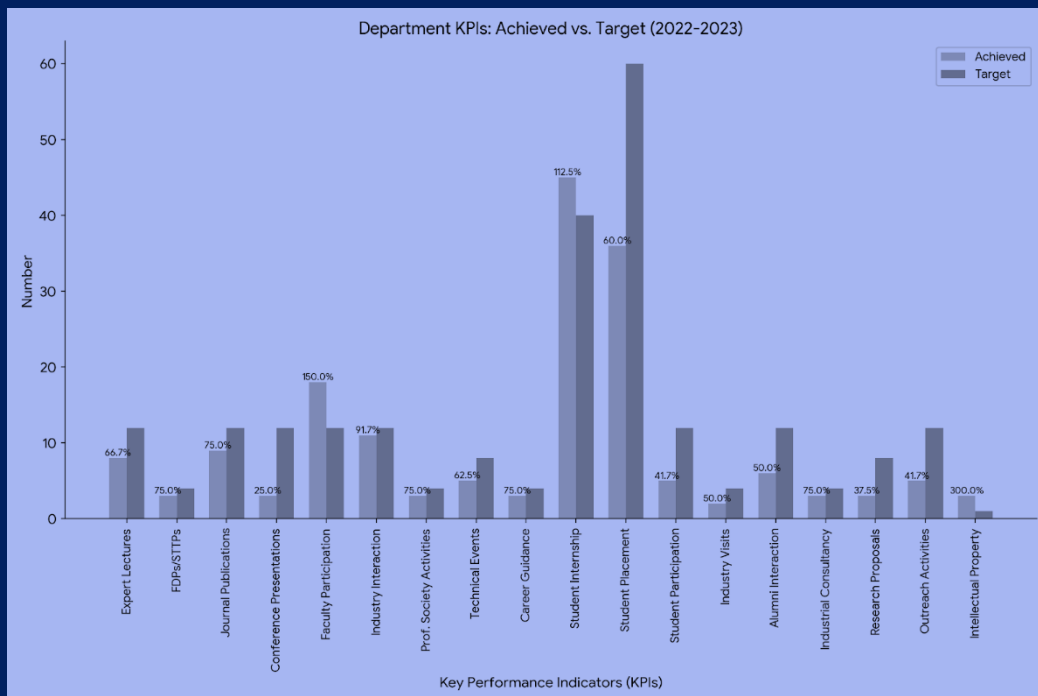


NEWSLETTER

Department Quarterly Report 4 | AY2022 - 23

Apr-Jun 2023



Sant Dnyaneshwar Shikshan Sanstha's

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

An Empowered Autonomous Institute, Affiliated to Shivaji University, Kolhapur, Approved By AICTE, New Delhi & Govt. of Maharashtra

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HOD's Desk



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

Dear Readers

As we wrap up the academic year 2022-23, I'm proud to present the final quarterly newsletter from the Department of Aeronautical Engineering. This edition is not just a summary of recent events—it's a celebration of the collective spirit, dedication, and progress that have defined our journey over the past year.

Quarter 4 has been a fitting culmination to an eventful year. From national-level student achievements and impactful research publications to vibrant academic engagements and industry collaborations, our department continues to grow in capability, reputation, and relevance. These milestones are a testament to our unwavering commitment to excellence in aerospace education and innovation.

Looking back, I'm inspired by the resilience and creativity of our students, the scholarly contributions of our faculty, and the support of our alumni and industry partners. Together, we've built a dynamic learning environment that not only imparts knowledge but also nurtures curiosity, leadership, and purpose.

As we prepare to launch into a new academic year, I encourage everyone in our community to carry forward the momentum, embrace new challenges, and continue pushing boundaries. Let this newsletter serve as both a record of achievement and a source of inspiration.

I extend my heartfelt appreciation to the editorial team for their thoughtful curation of this edition, and to all faculty and staff for their tireless efforts throughout the year.

Warm regards,

Mr. Kiran Babu

Head of the Department

Department of Aeronautical Engineering, ADCET, Ashta.

1. Professional Society Engagement: IEEE-AESS

Expanding horizons through professional networks. Our department strengthened its academic ecosystem by forming and inaugurating the IEEE Aerospace and Electronic Systems Society (AESS) Student Chapter.

Sl. No	Date of Event	Nature of Interaction	Professional Society Name
1	03/05/2023	Students Chapter Formation	IEEE AESS
2	24/06/2023	Chapter Inauguration	IEEE AESS

Thank you, **Dr. Yuvaraj**, for leading the establishment of the IEEE Aerospace and Electronic Systems Society chapter and fostering professional development among students.

2. Guest Lecture Organized by the Department

Learning from the leaders. Expert-led sessions enriched classroom learning with practical insights and advanced instrumentation.

Sl. No.	Date of Event	Lecture/ Program Topic	Guest/ Trainer Details
1	08/05/2023	Vibration Measuring Instruments	Dr. S. P. Chavan, Consultancy, ADCET, Ashta

A special appreciation to **Mr. L. Oblisamy** for organizing a technically enriching session that enhanced students' understanding of vibration instrumentation and its practical applications.

3. Faculty Contribution in Research Publications/Conferences

Ideas that shape the future. Faculty members published in reputed journals and presented at national conferences, advancing knowledge in aerospace and mechanical engineering. These publications reflect the department's commitment to advanced research in aerospace materials and fluid dynamics.

Sl. No.	Name of the Faculty	Source Link
1	Mr. Basithrahman A Asst. Prof.	Ankita Patil, Saloni Patil, Sakshi Sambare, Oblisamy L., and Basithrahman A. , "Fabrication and Testing of Radar Absorbing Composite Material Using Carbon Fabric Sheet", International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 11, Issue 4, April-2023, Impact Factor: 7.429. SCI/Scopus Indexed Journals

2	Mr. Sabarishwaran R & Mr. Reju R Asst. Prof.	Mohammed Aashiq. S, Sabarishwaran R , Parammasivan K. M., Ramesh M, and Reju R , “Experimental and computational investigation on Film cooling effectiveness of Turbine Stator Blade”, S. Bhattacharyya and A. C. Benim (eds.), Fluid Mechanics and Fluid Power (Vol. 2), Lecture Notes in Mechanical Engineering. SCI/Scopus Indexed Journals: https://doi.org/10.1007/978-981-19-6970-6_29
3	Mr. Sabarishwaran R & Mr. Reju R Asst. Prof.	Sabarishwaran R , Parammasivan K. M., and Reju R , “Numerical investigation of drag reduction in AUV’s at high turbulence and high-speed flow by optimizing hull geometry”, S. Bhattacharyya and A. C. Benim (eds.), Fluid Mechanics and Fluid Power (Vol. 2), Lecture Notes in Mechanical Engineering. SCI/Scopus Indexed Journals: DOI: https://doi.org/10.1007/978-981-19-6970-6_48

4. Outreach and Extension Activities

Taking aerospace to the community. Faculty and students conducted awareness and hands-on workshops in local schools, promoting STEM learning and drone technology.

Sl. No.	Filed by	Title of Patent/Design	Status
1	Dr. S. Sendhil Kumar	Systems for Mobile Electric Vehicles	Registered Utility Model – Germany

Congratulations to **Dr. Sendhil Kumar** for securing international recognition through patent registration in Germany.

5. Student Placement Report – Q4

From campus to career. Students secured placements in reputed aerospace firms, reflecting their readiness and the department’s commitment to excellence.

Summary

- **Students Placed:** 9
- **Average Package:** ₹2.8 LPA

Companies	No. of Students Placed	Highest Package	Average Package
XNOMOUS SYSTEMS PRIVATE LIMITED, Bengaluru Designation - Trainee Engineer	2	₹2.4 LPA	₹2.4 LPA

Aviotron Aerospace	3	₹3.36 LPA	₹3.36 LPA
Paras Aerospace Pvt. Ltd	4	₹2.88 LPA	₹2.88 LPA

List of Placed Students

Sl. No.	Name of the students	Company Name	Package
1	Mansi Ambadas Jogand	XNOMOUS SYSTEMS PRIVATE LIMITED, Bengaluru Designation - Trainee Engineer	2.4 LPA
2	Shubham R. Manageni		2.4 LPA
3	Suraj Anil Koulapure		2.4 LPA
4	Sweet Malikarjun Sonawale	Aviotron Aerospace	3.36 LPA
5	Gouri Pratap Shinde		3.36 LPA
6	Tushar Dipakrao Pusadkar	Paras Aerospace Pvt. Ltd	2.88 LPA
7	Omkar Kisan Langhi		2.88 LPA
8	Devansh Avinash Marjiwe		2.88 LPA
9	Saurabh Someshwar Bhatkar		2.88 LPA

Congratulations to our placed students and the faculty mentors who guided them toward successful careers!

6. Student Participation in National Level Events

Innovation meets recognition. Students showcased their talent in paper and poster presentations across prestigious platforms.

Sr.No	Name of Student	Name of Event	Prize
1	Kunika Dilip Mandave	Innovation 2K23 - Paper Presentation Sharad Institute of Technology College of Engineering, Yadrav	First Prize
	Harshal Suresh Makasare		
2	Kunika Dilip Mandave	Futuristic Technologies - Paper Presentation	First Prize
	Harshal Suresh Makasare		
	Madhuri Metkar		
3	Pratham Sunil Yewale	Futuristic Technologies - Paper Presentation	Second
4	Akanksha Pradip Jadhav	Futuristic Technologies - Poster Presentation	Third Prize
	Priya Umakant Boyane		
	Pratiksha Namdev Kamble		

5	Faijan Bandenawaj Mujawar	Futuristic Technologies - Paper Presentation	Participation
	Shrinath Jalindar Kachare		
	Pruthviraj Sham Bhat		



Celebrating success at the **Innovation 2K23 / Paper Presentation** conducted by **Sharad Institute of Technology College of Engineering, Yadrav**. Our team's hard work and dedication paid off as they secured the **First Prize**, showcasing our talent and skills on a larger stage.

Kudos to our students for showcasing their talents and earning accolades at prestigious national platforms!

7. Outreach and Extension Activities

Taking aerospace to the community. Faculty and students conducted awareness and hands-on workshops in local schools, promoting STEM learning and drone technology.

Sl. No.	Date of Activity	Nature of Activity	Faculty In charge
1	01/04/2023	"Awareness on Aeromodeling" Siddhivinayak School, Ashta	Dr. S. Yuvaraj and Mr. Ajith Patil
2	27/04/2023	"Workshop on Pluto X Drone" Subhadra International School, Ashta	Mr. Reju R and Mr. Sabarishwaran R

These outreach efforts reflect the department's commitment to inspiring young minds and promoting aerospace awareness in the community.

Graduation Milestone

The Class of **2019-2023** has successfully completed their academic journey. We extend our warmest congratulations and best wishes for their future endeavors!



Congratulations to the B.Tech Class of 2023!

We proudly celebrate the hard work and dedication of our graduates from the 2019-2023 batch

As we close the final chapter of **AY 2022-23**, Quarter 4 stands as a testament to the energy, excellence, and evolution of our department. From impactful guest lectures and national-level student achievements to research breakthroughs and outreach initiatives, this quarter has truly embodied our mission to inspire, innovate, and lead.

We thank every student, faculty member, and collaborator who contributed to these milestones. Your dedication fuels our progress and shapes the future of aeronautical engineering.

“Elevating Ideas, Empowering Futures – A Year in Flight with ADCET Aero”



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