

Report on **Seminar: *All About Drones***

Organized by: Modern Education Society's Nowrosjee Wadia College, Pune & BHOUTIKI Club Students, Department of Physics, NWC

In collaboration with: DroneAcharya Aerial Innovations

Date & Time: Wednesday, 6th August 2025, 1:00 PM

Venue: Tata Assembly Hall, MES's Nowrosjee Wadia College, Pune

Co-ordinator: Dr. V. V. Antad, Department of Physics, NWC

Objective

To introduce students and faculty to the evolving world of drone technology, covering its design, applications, entrepreneurial potential, and future challenges.

Seminar Highlights

- **Drone Designing & Art:** Experts from DroneAcharya demonstrated the principles of aerodynamics and structural design, showcasing real-time models.
- **Hands-on Training:** Participants engaged in interactive sessions, assembling basic drone components and piloting demo units under supervision.
- **Applications of Drones:** Use cases in agriculture, surveillance, logistics, and environmental monitoring were discussed with live examples.
- **Business & Entrepreneurship:** The seminar explored startup opportunities, regulatory frameworks, and market trends in the drone ecosystem.
- **Future Challenges:** Ethical concerns, airspace management, and technological limitations were addressed, sparking thoughtful dialogue.

Participation & Engagement

- Over 200 students from Physics, Electronics, and Computer Science departments , Engineering Students attended.
- The seminar saw active involvement from BHOUTIKI Physics Club volunteers, who facilitated logistics and student interaction.
- A post-event feedback form revealed 95% satisfaction, with many requesting follow-up workshops or certification programs.

Outcomes & Impact

- Students gained practical exposure to drone technology, bridging textbook concepts with real-world innovation.
- The event catalyzed interest in interdisciplinary projects, especially in physics-meets-engineering domains.
- DroneAcharya expressed interest in future collaborations, including internship opportunities and joint outreach events.

Acknowledgments

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