

AICTE-Funded Aero Vision Drone Lab at DSU

Dayananda Sagar University's AI and Robotics Engineering Department secured ₹50 Lakhs in AICTE funding to establish the Aero Vision Drone Lab in collaboration with AVPL International. The lab aims to promote hands-on training, research, and innovation in drone technology.

Objectives:

- Develop student skills in piloting, manufacturing, and maintaining drones.
- Foster interdisciplinary AI and robotics research.
- Enhance career readiness with industry-standard certifications.

Funding Phases:

- **Phase 1 (₹35 Lakhs):** Lab setup and RPTO establishment.
- **Phase 2 (₹15 Lakhs):** Scale-up with advanced courses.

Infrastructure:

- Covered: 5,060 sq. ft.
- Open: 45,000 sq. ft.
- Includes classrooms, labs, IT facilities, and amenities.

Operational Costs:

- AVPL bears ₹5.62 Lakhs in year-one expenses.
- DSU covers ₹72,000+miscellaneous costs.
- Training revenue is shared 50:50.

Implementation Plan:

- MoU, site inspection, resource alignment, equipment installation, ToT programs, candidate enrollment, and training delivery.