

2-Day Helicopter Design Workshop

Workshop Dates	18th & 19th July 2026
Mode	Online
Eligibility	Class 11 onwards (Open to all Indian School, College, University Students and Professionals)
Participation Fee	₹490

Major Topics Covered

- Helicopters vs. Airplanes
- Main Components of Helicopter & Propulsion System
- Helicopter Configurations
- Helicopter Aerodynamics and Dynamics
- Helicopter Flight Controls
- Swash Plate Mechanism
- Rotor Blade Motions
- Momentum Theory and Rotor Performance
- Blade Element Theory (BET)
- Blade Element Momentum Theory (BEMT)
- Rotorcraft Inflow in Forward Flight
- Rotor Blade Optimisation and Tip Loss



3-Day AI Accelerate Boot Camp

Mode	Online
Timings	05:00 PM – 08:00 PM (IST)
Duration	180 Minutes (3 Hours)
Eligibility	Students and individuals having a background or interest in Science & Technology.
Participation Fee	₹750

AI Boot Camp Modules

- 01 Foundations of Artificial Intelligence
- 02 AI Agentics
- 03 Automations
- 04 Build AI Applications
- 05 Auto Research
- 06 Excel & PowerPoint Bots
- 07 Codex & Claude Code
- 08 Notebook LM



भारत अंतरिक्ष शिक्षा अनुसंधान केंद्र

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दिनांक: 15 जुलाई 2026

Subject: "Registration for the 2- Day Helicopter Design Workshop & 3-Day Artificial Intelligence Workshop, part of the broader initiative on Def-Space Education and Innovation for Innovator & Learners, has been updated"-Reg.

आदरणीय महोदया /महोदय,

"Announcement"

Helicopter Design Workshop Registration Link: <https://forms.gle/KzayG1sqYBhy5nkA8>

The major topics proposed for the Helicopter Design course include: 18th & 19th July 2026

Eligibility: 11th class onwards for Helicopter Design Workshop (Open to All Indian University/ Colleges / School Students and Professionals)

3-Day online AI Accelerate Boot Camp:

Registration Link: <https://forms.gle/BMqQbiJVV3RnKjJy7>

Eligibility for the 3-Day online AI Accelerate Boot Camp:

Who can Participate in the 3-Day Artificial Intelligence Workshop (Open for all)

Participant fees apply: ₹490 for the 2-Day Helicopter Design Workshop and ₹750 for the 3-Day online AI Accelerate Boot Camp.

सादर | Regards,

Bharat Space Education Research Centre (भारत अंतरिक्ष शिक्षा अनुसंधान केंद्र)

Director's Office (निदेशक कार्यालय)

निदेशक / Director

भारत अंतरिक्ष शिक्षा अनुसंधान केंद्र

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