

Bharat Space Education Research Centre

भारत अंतरिक्ष शिक्षा अनुसंधान केंद्र



2-Day Helicopter Design Workshop

&



3-Day AI Accelerate Boot Camp

Respected Authority,

आदरणीय महोदय/महोदया | Respected Sir(s)/Madam,

The **Bharat Space Education Research Centre (BSERC)** is pleased to announce the **2-Day Helicopter Design Workshop** and the **3-Day AI Accelerate Boot Camp**, dedicated to advancing **Def-Space Education and Innovation** for students, researchers, innovators, faculty members, and professionals.

We cordially invite your esteemed institution to circulate this opportunity among students, faculty members, researchers, and other interested participants.

📢 Public Notice / Important Update

Registration has commenced for the **2-Day Helicopter Design Workshop** and the **3-Day AI Accelerate Boot Camp**. These specialized programmes have been introduced to provide participants with comprehensive theoretical and practical knowledge in **Helicopter Engineering** and **Artificial Intelligence**.



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
Registration Link	Register Here

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
Registration Link	Register Here

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

We request your kind support in circulating this announcement among your students, faculty members, research scholars, and professionals who may benefit from these specialized workshops.
We sincerely look forward to your valued participation and support in promoting Def-Space Education and Innovation.

सादर | Regards,

Bharat Space Education Research Centre

(भारत अंतरिक्ष शिक्षा अनुसंधान केंद्र)

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