

Bharat Space Education Research Centre

भारत अंतरिक्ष शिक्षा अनुसंधान केंद्र

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 Artificial Intelligence Accelerate Boot Camp**, dedicated to advancing **Def-Space Education and Innovation**. We cordially invite students, faculty members, researchers, professionals, and innovators to participate.



Public Notice / Important Update

Registration has officially started for both workshops.

These specialized programs are designed to provide participants with practical knowledge in modern aerospace technologies and Artificial Intelligence.



2-Day Helicopter Design Workshop

Workshop Dates: 18th & 19th July 2026

Major Topics

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

Eligibility:

Students from Class 11 onwards, university students, college students, researchers and

professionals.

Note:

Non-technical students, including those from Medical and Law disciplines, are advised to select the Artificial Intelligence domain according to their interests. The Helicopter Design Workshop is primarily intended for candidates interested in technical fields.



3-Day Online AI Accelerate Boot Camp

Course Modules

1. Foundations of Artificial Intelligence
2. AI Agentics
3. AI Automations
4. Building AI Applications
5. AI Auto-Research
6. Excel & PowerPoint Bots
7. Codex & Claude Code
8. Notebook LM

Mode: Online

Timing: 05:00 PM – 08:00 PM IST

Duration: 180 Minutes (3 Hours Daily)

Eligibility:

Students, researchers, faculty members, professionals, and individuals interested in Artificial Intelligence, Science and Technology.



Participation Fee

Workshop	Fee
2-Day Helicopter Design Workshop	₹490
3-Day AI Accelerate Boot Camp	₹750

Contact Information

Bharat Space Education Research Centre

भारत अंतरिक्ष शिक्षा अनुसंधान केंद्र

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गोपनीयता सूचना

यह ई-मेल संदेश, किसी भी संलग्नक के साथ, अभिप्रेत प्राप्तकर्ताओं के एकमात्र उपयोग के लिए है और इसमें गोपनीय तथा विशेषाधिकार प्राप्त सूचना हो सकती है। यदि आप अभिप्रेत प्राप्तकर्ता नहीं हैं, तो कृपया प्रेषक को सूचित करें तथा इस संदेश की सभी प्रतियाँ नष्ट कर दें। कृपया इस ईमेल का मुद्रण केवल आवश्यकता होने पर ही करें। पर्यावरण संरक्षण में सहयोग दें।

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