

Bharat Space Education Research Centre

Def-Space Education & Innovation for Innovators and Learners

Respected Authorities,

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

The Bharat Space Education Research Centre (BSERC) is pleased to announce the **3-Day Artificial Intelligence Workshop** and the **2-Day Helicopter Design Workshop**, dedicated to advancing Def-Space Education and Innovation for innovators and learners.

We cordially invite interested students, faculty members, professionals, and technology enthusiasts to register and participate in these specialised learning programmes.

Public Notice / Important Update

Registration for the **Helicopter Design Workshop** and the **3-Day Artificial Intelligence Workshop** is now open.

BSERC is introducing specialised courses in **Helicopter Design** and **Artificial Intelligence** to provide participants with fundamental and advanced knowledge, practical exposure, and awareness of emerging technologies.

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

3-Day Online AI Accelerate Boot Camp

Date	28th, 29th and 30th August 2026
Mode	Online
Timings	05:30 PM – 08:30 PM onwards
Workshop Duration	180 Minutes (3 Hours)
Participant Fee	₹750

[Register for AI Accelerate Boot Camp](https://forms.gle/BMqQbiJVV3RnKjJy7)

Key Topics

1. Foundations
2. AI Agentics
3. Automations
4. Build Apps
5. Auto-Research
6. Excel + PPT Bots
7. Codex & Claude Code
8. Notebook LM

Eligibility

Students and individuals with a background in, or interest in, science, technology, Artificial Intelligence, and emerging technologies are encouraged to participate.

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

2-Day Helicopter Design Workshop

Dates	5th & 6th September 2026
Eligibility	Class 11 onwards; open to Indian school, college and university students, faculty members, professionals, and interested learners.
Participant Fee	₹490

[Register for Helicopter Design Workshop](https://forms.gle/KzayG1sqYBhy5nkA8)

Major Topics

- 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

Public Notice / Important Update

Interested students, faculty members, professionals, and learners are encouraged to register within the scheduled registration period and participate in these specialised programmes.

These programmes are designed to promote technical awareness, practical learning, innovation, and interest in Defence and Space technologies among students and emerging innovators.

सादर | Regards,

Bharat Space Education Research Centre

भारत अंतरिक्ष शिक्षा अनुसंधान केंद्र

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