

Helicopter Design Registration Form:

<https://forms.gle/KzayG1sqYBhy5nkA8>



PRESTIGE
INSTITUTE OF MANAGEMENT & RESEARCH, GWALIOR
UGC NAAC ACCREDITED 'A' GRADE AUTONOMOUS INSTITUTE

NAAC **A** **Grade**
AUTONOMOUS INSTITUTE

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

MAJOR TOPICS

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



Organized By - **Bharat Space Education Research Centre**