



**MIND POWER  
UNIVERSITY**  
Bhimal, Nainital

Established by the Government of Uttarakhand  
Under Section 2(F) of UGC Act 1956

**22**  
YEARS OF  
**ACADEMIC  
EXCELLENCE**

# AEROSPACE ENGINEERING

with DRONE TECHNOLOGY



**MIND POWER UNIVERSITY'S  
DEPARTMENT OF ENGINEERING & TECHNOLOGY  
INTRODUCES NEW PROGRAM**

## **B.TECH AEROSPACE ENGINEERING with UAV/DRONE TECHNOLOGY**

COVERS AUTONOMOUS FLIGHT SYSTEMS, UAV DESIGN AND DEVELOPMENT, SENSOR INTEGRATION AND APPLICATIONS IN DEFENSE, AGRICULTURE AND SURVEILLANCE.

### **B.Tech (4 Years)**

- ⊗ Aerospace Engineering with Drone Technology
- ⊗ Computer Science Engineering with -
  - ▣ Artificial Intelligence & Machine Learning **IBM**
  - ▣ Data Science & Cloud Computing **IBM**
  - ▣ Cyber Security & Forensic Science **IBM**
- ⊗ Electrical Engineering
- ⊗ Mechanical Engineering
- ⊗ Mechanical Engineering with EV
- ⊗ Computer Science Engineering
- ⊗ Electronics & Communication Engineering

### **M.Tech (2 Years)**

**Diploma Engineering (2/3 Years)**

## **SPECIALIZATIONS OFFERED**

- UAV/Drone Technology
- Composite Materials
- Aircraft Structure
- Propulsion
- Aerodynamics & Flight Mechanics
- Control Systems
- Space Science

## WHY CHOOSE MIND POWER UNIVERSITY ?

- Industry Collaborations with leading aerospace companies.
- Drone Stimulator Laboratories with cutting-edge research facilities.
- Internships & Placements with top aerospace and defense organizations.
- Global Exposure through academic partnerships and exchange programs.
- Research & Development opportunities in UAVs, propulsion and space technology.

## PROGRAM OVERVIEW

The B.Tech in Aerospace Engineering with Drone Technology program at Mind Power University is designed to equip students with knowledge and practical expertise in the field of aerospace technology. This program provides a strong foundation in aerodynamics, propulsion, materials, and control systems while offering specializations in various advanced aerospace domains. Students will gain hands-on experience with UAVS, drones and next-generation aerospace technologies.

## CAREER OPPORTUNITIES

Graduates can explore various career paths in sectors such as:

- Defense & Aviation
- UAV & Drone Industry
- Propulsion System Design
- Space Research Organizations
- Airlines & Air Traffic Management
- Aerospace Manufacturing & Research
- Satellite & Space Exploration Companies
- Composite Materials & Structural Engineering

## HOW TO APPLY?

### Eligibility Criteria:

- Diploma Engineering (3 Years): Completion of Class 10<sup>th</sup> with a minimum of 50% marks.
- Diploma Engineering (2 Years): Completion of Class 12<sup>th</sup> (10+2) with a minimum of 50% marks.
- Bachelor's Degree (4 Years): Completion of Class 12<sup>th</sup> (10+2) with a minimum of 50% marks in Physics, Chemistry and Mathematics.

### Application Process:

- Visit the official Mind Power University website to submit your application online and start your journey in the field of Aerospace Engineering.



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