

SCHOOL OF
ENGINEERING AND TECHNOLOGY
**DEPARTMENT OF
AEROSPACE ENGINEERING**



**SANJAY
GHODAWAT
UNIVERSITY**

Kolhapur

Programs Offered

- **B.Tech.**
Aeronautical Engineering
- **M.Tech.**
Aerospace Engineering



Sky is not the Limit
it's just the **Beginning...**



www.sanjayghodawatuniversity.ac.in

Aerospace & Aeronautical Engineering

Aerospace Engineering focuses on the designing of aircraft and spacecraft. It is a study of all the space crafts used within and out of the earth's atmosphere. The curricula of Aerospace Engineering include the subjects such as Spacecraft Design, Introduction to Astronautics, Fundamentals of Jet Propulsion, Spacecraft Dynamics and Orbital Mechanics.

Aeronautical Engineering is the study of aircraft that operate within the earth's atmosphere. Aeronautical Engineering focuses on designing aircraft, helicopters, airplanes and study of subjects such as Thermodynamics, Heat Transfer, Aircraft Structures, Flight Mechanics, Aircraft Stability and Control.

B.Tech. Aeronautical Engineering

(4 Years Program)

Eligibility: 10+2 (Science) / Diploma in Engineering



Program Features

- Practical oriented curricula, well equipped labs and qualified staff
- High configured computers with software of Industry standards
- Industry internship with real time project at core industries to prepare industry ready engineers
- Placement for all eligible students in core industries as well as software industries
- All types of flying vehicles like Airbus Helicopter EC 130 and EC 135, Embraer ERJ 145, Alarbus CH 2000 are available

Job Opportunities

- **In Airline Operations & Maintenance:**
Continuous Airworthiness Maintenance Organization Officer, Planning Engineer, Performance Engineer, Safety Officer, Instructor, Flight Crash / Accident Investigator
- **In Aircraft Design Sector:**
Design Engineer, Flow Analyst, Stress Engineer, Materials and Process Engineer, Weight Engineer, Technical Illustrator, CAE Engineer, R & D Lab (Junior Research Fellow/Senior Research Fellow)
- **In Government Sector:**
Scientist, Defense Officer, Engineer, Flight Data Analyst, Satellite & Communication Officer, Navigation Engineer, Avionics Engineer
- **In Manufacturing Industries:**
Quality Engineer, Production Engineer, Procurement Engineer, Material Handling Engineer, Project Manager
- **In Unmanned Aerial Vehicle Sector:**
Drone Pilot, Drone Developer, Service provider

MoU

- Star Air, Bengaluru
- Taneja Aerospace and Aviation Limited, Tamilnadu
- Bangalore Aircraft Industries Pvt. Limited, Bengaluru
- Agni Aero Sports Adventure Academy (AASAA) Pvt. Ltd, Bengaluru
- Aerotics Technologies, Bengaluru
- Sky Aerospace Pvt. Limited, Bengaluru



M.Tech. in Aerospace Engineering

(2 Years Program)

Eligibility:

Bachelor's Degree in Engineering or Technology in Aeronautical, Aerospace, Avionics, Mechanical, Industrial Engg., Production, Civil, Automobile, Manufacturing or equivalent courses.

Program Features

- Course articulation with San Jose State University (SJSU), USA
- Guest lectures by well-known international faculty and industry veterans
- Industry internship with real time project at aerospace industries



Job Prospective

- **In Aerospace Design Sector:**
Design Engineer, Flow Analyst, Structural Analyst, Technical Illustrator, CAE Engineer, R&D Lab (Junior Research Fellow/Senior Research Fellow)
- **In Government Sector:**
Scientist, Defense Officer, Satellite & Communication Officer, Navigation Engineer, Avionics Engineer
- **In Manufacturing sector:**
Quality Engineer, Production Engineer, Procurement Engineer, Material Handling Engineer, Project Manager

Lab Facilities



Propulsion Lab



Aircraft Systems Lab



Aerodynamics Lab



Aircraft Structures Lab



Aircraft Maintenance Lab



Computer Lab



Potential Recruiters



Admission Process

- Application for admission
- Admission Counselling
- Personal Interview (with portfolio of work done in specific area of interest)
- Confirmation of admission

Campus Life



For Online Admission: www.admission.sguonline.in
Contact: + 91 90110 39800, 90110 22567



SANJAY GHODAWAT UNIVERSITY
Kolhapur

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