

B.SC. (HONS) AIRCRAFT MAINTENANCE SCIENCE



SRINIVAS UNIVERSITY

(Private university established by Karnataka Govt. Act No. 42 of 2013.
Recognized by UGC, New Delhi & Member of Association of
Indian Universities, New Delhi)

Srinivas Nagar, Near NITK,
Mukka, Mangalore,
Karnataka – 574146.

Pandeshwar Campus,
Subash Nagar, Mangalore,
Karnataka – 575001.

☎ 9345255600, 9345223913

✉ haviation@srinivasuniversity.edu.in

🌐 www.srinivasuniversity.edu.in

MH Cockpit 

B.SC. (HONS) AIRCRAFT MAINTENANCE SCIENCE

DURATION:

3 Years, Six semesters

(Admissions Open for Batch 2020-2021)

ELIGIBILITY:

A Pass in 10+2 with Physics and Mathematics

Admission needs valid score in SUAT

The classes will be held at College of Aviation Management, Srinivas nagar, Muka Campus, Mangalore.

B.SC. (HONS) AIRCRAFT MAINTENANCE SCIENCE

AME is one of the key personnel behind the safe air transportation, AME is responsible for maintaining aircraft in an airworthy condition (Fit to fly). They work round-the-clock to ensure aircraft meets the maintenance standards as directed by Manufacturer and as per the guidelines of Regulatory Body. AME's are highly qualified professionals ensuring on time aircraft departure without any technical delays, they perform various maintenance activities on a day-to-day basis such as Line maintenance, Base maintenance; they also support pilots troubleshooting any technical problem that may arise in the air from an MCC unit (Maintenance control centre) on the Radio. They authorize pilots with Flight Release certificate ensuring aircraft is safe for flight after every landing is made.

CAREER OPPORTUNITIES

Airline Line Maintenance, Airline Base Maintenance MRO, Technical Publications Aerospace companies, Aircraft Stores, Aircraft Planning division, Airline Operations control centre (Document controller), Ground handling companies.

SPECIAL FEATURE:

- Classes between 9am- 2pm with half an hour break during week days.
- Industry oriented syllabus with focus on experimental Learning
- Industrial visit at frequent intervals
- Additional Guidance for clearing DGCA AME modules as a private candidate
- Curriculum designed and developed by International Industry Experts
- Placement support for every student
- Module based learning
- International collaboration
- Guest lectures by Leading Airline experienced professionals
- Separate Hostel facility for Boys and Girls
- International Airports and MRO exposures in India and overseas

SEMESTER I

- Language
- English I
- Core I- Basic Aerodynamics
- Core II- Workshop Practices-I
- Practical-I- Workshop practices-I
- Allied - Electrical fundamental **
- Allied Practical- Electrical Fundamental
- Environmental Studies#

SEMESTER II

- Language-II
- English-II
- Core III - Air law, Airworthiness Requirements
- Core IV - Aircraft Materials & Hardware
- Practical-II - Aircraft Materials & Hardware
- Allied - Electronic Fundamentals and Digital Techniques
- Allied Practical-Electronic Fundamentals & Digital Techniques
- Value Education - Human Rights #

SEMESTER III

- Core V - Jet Engine- I
- Core VI -Piston engine-I
- Practical-III - Jet Engine- I
- Elective-I
- Practical for Elective-I
- Skill Based Subject - I Maintenance Practices-I
- Non-major elective - I (Yoga for Human Excellence)# / Women's Rights #

SEMESTER IV

- Core VII - Jet Engine- II
- Core VIII- Piston engine-II & Propellers
- Practical-IV - Piston engine-II & Propellers
- Elective-II
- Practical for Elective-II
- Skill Based Subject - II Practical- Maintenance Practices-I
- Non-major elective -II : General Awareness Value Education - Human Rights #

SEMESTER V

- Core IX - Jet Engine Maintenance
- Core X - Piston Engine Maintenance
- Practical - Jet Engine Maintenance
- Practical - Piston Engine Maintenance
- Skill Based Subject III- Maintenance Practices-II
- Skill Based Subject IV- Practical- Maintenance Practices II
- Elective – III
- Elective – IV
- Practical for Electives III
- Practical for Electives IV

SEMESTER VI

- Project work & Viva Voce (ON JOB TRAINING)