

same

school for aircraft
maintenance engineering

Aircraft Maintenance Engineering Course

Approved by Directorate General of Civil Aviation (DGCA), Ministry of
Civil Aviation, Govt. of India
(CAR 147 Basic Approved Maintenance Training Organisation)





SCHOOL FOR AIRCRAFT MAINTENANCE ENGINEERING



School for Aircraft Maintenance Engineering (SAME), promoted by the InterGlobe Group, is one of India's premier institutions for Aircraft Maintenance Engineering. SAME offers world-class education and hands-on training that fully complies with the standards set by the Directorate General of Civil Aviation, Ministry of Civil Aviation, Government of India, which is equivalent to the ICAO (International Civil Aviation Organisation) standard as per CAR 147(B) regulation. With a team of internationally experienced faculty, cutting-edge equipment, and modern teaching methods, SAME is committed to producing highly skilled basic aircraft maintenance engineers who meet global aviation standards.

INTERGLOBE GROUP & SCHOOL FOR AIRCRAFT MAINTENANCE ENGINEERING



SAME is a part of InterGlobe Enterprises, an Indian travel conglomerate involved in Aviation (IndiGo), Hospitality, Logistics, Technology, Airline Management, Advanced Pilot Training, and Aircraft Maintenance Engineering. Since 1989, the group has been building businesses and working with global brands to deliver quality and value. It has been bridging the gap between people and markets through innovation and service leadership.

SAME reflects the group's commitment to advancing the aviation sector through quality education and professional training.



WHAT WE OFFER



Behind every safe takeoff and smooth landing is the meticulous work of an Aircraft Maintenance Engineer. They play a vital role in ensuring that aircraft are maintained, repaired and overhauled with precision and care. AMEs are responsible for inspecting, servicing, and fine-tuning every component to meet the highest standards of safety and reliability.

SAME offers ab initio training in **two DGCA-approved categories:**

Category B1.1 (Aeroplane Turbine)

This stream focuses on the mechanical aspects of aircraft. Students are trained to maintain and certify aircraft structures, and powerplants.

Category B2 (Avionics)

This stream emphasises on aircraft electronic systems. Students are trained in the maintenance of Electrical Systems, Instrument Systems, and Radio Navigation Systems.

Both programs span two years, divided into four semesters of six months each. The curriculum is designed to provide a balanced mix of theoretical knowledge and practical exposure.



Total Seats

120

Duration

2 Years (4 semesters)

Eligibility

10+2 with Physics, Chemistry, & Mathematics (PCM) from a recognised board or equivalent. Candidates must also be certified physically and visually fit by an MBBS qualified doctor.

Hands-On Practical Training

To ensure real-world readiness, SAME has partnered with InterGlobe Aviation Ltd. (IndiGo), for practical training. Students gain hands-on experience at a certified Aircraft Maintenance facility, in full compliance with DGCA CAR 147 Basic guidelines.

ADMISSION PROCEDURE

NATIONAL STUDENTS

To initiate the admission process, applicants must first submit the application form online. This can be done by visiting the SAME Home Page, where candidates are required to fill in all necessary details, pay a non-refundable application fee of ₹500, and submit the completed form. The process is designed to be simple, transparent, and accessible to students across India.

INTERNATIONAL STUDENTS

Foreign nationals are welcome to apply under the guidelines set by the Directorate General of Civil Aviation (DGCA) and relevant Central and State government regulations. International applicants must submit their application online along with a mandatory security clearance issued by their respective embassies. SAME ensures that international students are guided through the process with clarity and support.

Online Application Link: <https://apply.igesame.com/>

CAREER PROSPECTS

Upon successful completion of the Aircraft Maintenance Engineering (AME) course and passing the DGCA examinations, students unlock a wide array of career opportunities in the aviation sector. These include roles such as Assistant Technician, Junior Trainee, or Engineer with airlines, Maintenance Repair Organizations (MROs), and aviation-focused IT companies. As a part of the InterGlobe Group—promoter of India's largest airline, IndiGo, SAME provides students with a distinct industry exposure. Students who demonstrate exceptional capability and meet the specific recruitment standards of the respective companies may be considered for opportunities within the InterGlobe Group. Final selection is strictly based on merit and alignment with the required competencies. Additionally, SAME offers comprehensive career guidance and placement support to help students pursue roles with leading aircraft operators, airlines, and MROs.



INFRASTRUCTURE



AIRCRAFT & HANGAR

SAME houses a Hawker HS 125-700 aircraft, a sophisticated corporate jet powered by two Garrett TFE731-3R-1H turbofan engines. Manufactured by British Aerospace and equipped with advanced integrated avionics from Honeywell Aerospace, this 10-seater aircraft is used extensively for hands-on training. It serves as a key asset for aircraft maintenance instruction, major maintenance procedures, and practical training for students. A dedicated aircraft hangar built to industry standards is fully equipped with essential ground support equipment such as an HST trolley, aircraft lifting jacks, a ground power unit, and safety gear, providing students with a realistic and immersive training environment.

CLASSROOM FACILITIES

All classrooms at SAME are equipped with modern teaching aids, including overhead LCD projectors, to facilitate interactive & visual learning experiences. Each classroom is fully air-conditioned and ergonomically designed to accommodate students comfortably.

LIBRARY & E-LIBRARY

The school has a well-stocked physical library stocked with the latest core and reference books, publications and literature with adequate facilities for students to study. Complementing this is a modern e-library equipped with 15 desktop computers, high-speed internet, and Wi-Fi access. The e-library provides access to a wide range of e-books, digital training materials, and DGCA-compliant resources to support student learning.

AUDIO VISUAL / COMPUTER-BASED TRAINING

A dedicated Audio-Visual Room is available for Computer-Based Training (CBT) & multimedia demonstrations, supporting training on advanced aircraft systems & technologies. CBT modules include topics such as: Airbus A320 video, Integrated Avionics Systems, Aviation Human Performance, Landing gear system, ABC of Jet engine, Aircraft Metal Working, Composite Aircraft Construction, Aircraft Painting, Propeller Repair, Wheel & Brake System, Piston Engine, etc.

AUDITORIUM

The facility also features a fully equipped auditorium large enough for seminars and guest lectures. It offers advanced visual display capabilities and the necessary infrastructure, making it ideal for computer-based examinations and events.



AVIONICS WORKSHOPS & LABS

SAME is equipped with four advanced avionics workshops and laboratories. The Electrical lab features a wide range of equipment such as aircraft electrical system components, basic electrical and electronic tools, variable power supplies (230VAC, 115VAC, 26VAC, 28VDC), and both single-phase and three-phase systems, along with functional electrical and electronic system mock-ups. The Instrument lab houses various aircraft flight instruments, gyro instruments, engine instruments and functional mock-ups for practical learning.



The Radio lab is equipped with various advanced aircraft radio system components and functional mock-ups. The Battery lab includes different types of aircraft batteries like Ni-Cd & Lead Acid, battery cutaway, charging facility for both battery types, load testing facility and a Battery analyser to assess performance and reliability.

MECHANICAL WORKSHOP & LABS

SAME offers eight advanced mechanical workshops and labs for hands-on aircraft maintenance training. The Aircraft System Shop includes Airbus A320 wing structures, landing gear retraction systems, and mock-ups of pneumatic and hydraulic systems. The Engine Shop features turbojet, turboprop, APU, and piston engines, supported by lifting tables and cranes. The Basic Mechanical Shop supports training in fitting, riveting, and sheet metal work using advanced precision tools. Additional facilities include dedicated shops for propeller systems, wheels and tyres, and a fully equipped NDT lab with ultrasonic testing, MPI, dye penetrant, and hardness testing equipment. The Machine Shop and Welding Shop further enhance hands-on learning with equipment for machining and various welding techniques.



CAFETERIA

The campus features a fully air-conditioned cafeteria spread across 2,000 sq. ft., offering ample seating for students to relax and recharge. It serves a variety of hot and cold beverages, snacks, and lunch options, available for purchase by students.



HOSTEL

SAME does not provide hostel facilities within its campus premises, however students have access to a wide range of private hostels located in Knowledge Park III, Greater Noida. These hostels cater to students from various universities and colleges in the area and typically offer accommodation along with meal plans.

**It is important to note that any hostel arrangement is strictly between the student (or their parent/guardian) and the hostel provider. SAME is not involved in these agreements and does not bear responsibility for any aspect of the hostel services. Students are free to choose any accommodation that suits their preferences, including private hostels or independent living arrangements.*

LOCATION

SAME is strategically located in the National Capital Region (NCR), offering excellent connectivity and access. The campus spans 25,000 sq. ft. and is situated on the fourth floor of InterGlobe's premises in Knowledge Park III, Greater Noida, Uttar Pradesh—approximately 40 km from New Delhi. The location places students in the heart of a vibrant educational and industrial hub, surrounded by top institutions and aviation-related businesses.



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