



INSTITUTE OF AERONAUTICS & ENGINEERING

APPROVED BY DIRECTOR GENERAL OF CIVIL AVIATION
MINISTRY OF CIVIL AVIATION, GOVT. OF INDIA



ISO 9001:2015 Certified College

Promoted by Sha-Shib Group of Institutions (The largest group in South Asia for imparting Basic Aircraft Maintenance Engineering course under CAR-147 Basic)



Sha-Shib Group-Bhopal Campus

An establishment spread across 15 Acres of lush green environment at 10 KM distance from Bhopal International Airport.



INSTITUTE OF AERONAUTICS & ENGINEERING

An Aircraft Maintenance Engineering Institute, Approved By DGCA , Govt. of India under the provision of CAR 147 Basic.



SHA-SHIB COLLEGE OF TECHNOLOGY

The college offers B.Tech (Mechanical/Civil/CSE/EC)
Approved By AICTE, Affiliated to Rajeev Gandhi Technical University-Bhopal (Govt. of Madhya Pradesh)



SHA-SHIB COLLEGE OF SCIENCE & MANAGEMENT

An Institute for Under Graduate & Post Graduate Courses
Approved by Govt. of MP, Affiliated to Barkatullah University and NCTE, Govt. of India, New Delhi



INTERNATIONAL AIRCRAFT SALES PVT. LTD

A Maintenance, Repair and Overhaul organization for Aircraft Component & Aircraft Engine. Approved By DGCA, Civil Aviation Department, Govt. of India under the provision of CAR 145

- ✓ Maintenance & Overhauling of Aircraft Piston Engines/Aircraft Electrical Components/Aircraft Instruments
- ✓ IASPL also have MRO under CAR 145 in the name of Aerospace Research & Development Centre at Jamshedpur Airport & Bhubaneswar Airport for maintenance of Flying Aircraft.
- ✓ International Aircraft Sales Private Limited has also leased the Ratlam Airport for opening MRO and Other Aviation activities shortly.



Institute of Aeronautics & Engineering-Bhopal

Institute of Aeronautics & Engineering, Bhopal is pioneer and explorer in the field of Aviation Technology. Institute of Aeronautics & Engineering, situated in Bhopal was approved in 2002 by by Director General of Civil Aviation, Govt. of India to impart Aircraft Maintenance Engineering Course.

As the regulatory requirements have changed to meet the 21st century's challenge, the institute has also been approved as per the latest regulation i.e. CAR-147(Basic) by Director General of Civil Aviation, Ministry of Civil Aviation, Govt. of India. This CAR is issued under Rule 133B of Aircraft Rule 1937 derived from Aircraft Act 1934(XII to 1934) passed by Indian parliament. Also IAE is providing a never before opportunity to it's students; here at IAE at IAE students can get benefit of Dual Program that is AME with Bachelor Degree in Technology or Science or Management.



AME + Graduation

As per our dual program, students who are undergoing basic CAR 147 Aircraft Maintenance Engineering course can also undergo any graduation program/ Bachelor of Engineering from any recognised institute as per the law defined by the respective educational body in order to enhance further career prospects.

Students after passing the CAR-147 Basic examinations and the relevant modules of the respective category have to acquire the necessary aircraft maintenance experience as prescribed in CAR-66. After passing all the examinations according to the Civil Aviation rule specified in CAR-66 and other relevant DGCA regulations applicable to AME licence. The candidate will be eligible to get the AME licence from DGCA, Govt. of India

Career Opportunities – AME + Graduation

Industries and Opportunities	Post	Scope of Employment		
		Graduation	AME	AME + Graduation
Airlines/ MROs /AMOs /Flying Clubs	Certifying Engineer	No	Yes	YES
Indian Air force/Defense	Engineer	Yes	No	YES
Technical Publication(Aviation)	Any post	Limited	Yes	YES
Other Related Industries apart from Aviation	Engineer	Yes	No	YES
Post Graduation Studies/ Higher Studies		Yes	No	YES
Civil Services Examination Viz. IAS / IES/ IPS/ IRS/ IFS etc.		Yes	No	YES
Any Public Services Examinations		Yes	No	YES
Airport Management & Allied Field		Yes	No	YES

Career Opportunities – AME + B.Tech/BE

Industries and Opportunities	Post	Scope of Employment		
		B.Tech	AME	AME + B.Tech
Aircraft R&D, ISRO, DRDO, HAL, NAL, PSLV etc	Scientist, Design or Production engineer etc	Yes	Limited	YES
Aircraft Manufacturing/Designing Industry	Engineer	Yes	No	YES
Airlines/MROs/AMOs/Flying Clubs	Certifying Engineer	No	Yes	YES
Indian Air force/Defense	Engineer	Yes	No	YES
Technical Publication (Aviation)	Any Post	Limited	Yes	YES
GATE/Post Graduation Studies/Higher Studies		Yes	No	YES
Civil Services Examination Viz. IAS / IES/ IPS/ IRS/ IFS etc.		Yes	No	YES
Any Public Services Examinations		Yes	No	YES
Other Relevant Industries apart from Aviation		Yes	Limited	YES



Sha-Shib Group of Institutions at a glance

About **AME Institute**

Through 31 years of glorious educational excellence **Sha-Shib Group** of Institutions have emerged as the largest group in South Asia with seven AME Institutions (07) while other new institutions are under process for operation.

About **other educational establishments**

Apart from Aircraft Maintenance Engineering institutions approved by DGCA under CAR-147 (Basic) the Group has also engineering colleges/graduation and Post graduation colleges/B.Ed colleges/Schools, etc. recognised by AICTE/UGC/NCT and by other respective regulatory bodies in India as applicable.

Industry of **Aircraft Maintenance Repair and Overhaul**

Sha-Shib Group also has five (05) Aircraft Maintenance Repair Organisations (MRO), approved by DGCA under CAR-145 regulation in different parts of the country located at various airports and other bases

Approval Status

Sha-Shib Group of Institutions is the largest group in South-Asia with seven (07) different AME institutes approved by DGCA under CAR-147 (Basic). Further new institutions are also opening which are under process for approval.

AME Institutes of Sha-Shib Group

- › Institute of Aeronautics & Engineering, Bhopal(Madhya Pradesh)
- › Academy of Aviation & Engineering, Bengaluru(Karnataka)
- › Hindustan Aerospace & Engineering, Pune (Maharashtra)
- › Indian Aerospace & Engineering, Navi Mumbai(Maharashtra)
- › Utkal Aerospace & Engineering, Bhubaneshwar(Odisha)
- › Sha-Shib Aviation Academy, Kochi(Kerala)
- › Sha-Shib Aerospace Engineering, Guna(Madhya Pradesh)



Mentors

Sha-Shib Group of Institutions is the largest

The learners at various institutions under **Sha-Shib Group** are monitored by a pool of licenced engineers who are working under various MROs of our own. In addition to our licenced engineers, Group has highly skilled and dignified aviation instructors who have ample working experience in the aviation field since years together.


Group's vast circle of alumni, who own a fair reputation in the aviation industry provide mentorship for students at our institutions to give them a next-level understanding on practical training in the aviation field.



Licensed Aircraft Engineers in the Group

Since the group own 5 MROs, this makes the availability of experienced and qualified AMEs round the clock to share the knowledge, train better and make them industry-ready.

The students at **Sha-Shib Group** get exceptional opportunity to be mentored by highly skilled & dignified Aircraft Maintenance Engineers. The Group is laced with 15+ Licensed Aircraft Maintenance Engineers with extensive experience in the field of Aircraft Maintenance.



Practical Tie-Ups

Providing skilled talents for today's aviation industry is one of the prime missions of Sha-Shib Group and collaboration is the best way to bridge the gap between theoretical education and practical learning in a real environment. The group craft the curriculum in tune with the need of employers and students to create a balance of demand and supply in terms of skills and industry know-how.

The group has tie-ups with leading Airlines/ MROs as a part of mandatory outsourced practical training, we provide the best hands-on experience for our students in actual working environment at many locations across the country. Different institution have different tie-ups depending upon their category of approval and easy access.

The organizations are:

Air India (AIESL) <

GO Air <

Airworks India Engineering Private limited (AWIEPL) <

Indamer Aviation Private Limited (IAPL) <

Functional aircrafts under Sha-Shib Group

Sha-Shib Group have 21 heavy and light functional aircraft of different types, stationed at various bases of the institutions promoted by Sha-Shib Group for in-depth theoretical and practical exposure.



Live aircraft under the Group/Institute

In addition to the institutes, The group has it's own maintenance organization. The Group also have maintenance agreement with other DGCA approved aviation organisations at various locations across the country, the details are mentioned below:

ARDC Jamshedpur, Jharkhand (CAR 145), where we carry out maintenance of aircraft like Cessna 172, 152 and Piper

ARDC Bhubaneswar, Odisha (CAR 145 & CAMO), where we carry out maintenance of aircraft like Cessna 172 RG, Cessna T303 Crusader and Cessna Citation aircraft

SFA Guna (CAR 145), where we carry out the maintenance of aircraft like Cessna 172 (all series aircraft), Cessna 152, Thorp aircraft, P68C, P68 Observer and Cessna 206.





Sha-Shib's Aircraft Maintenance Repair Organisations

Sha-Shib Group have five (05) DGCA approved Aircraft Maintenance Repair Organisation (MRO) under CAR-145 DGCA, Government of India

- **INTERNATIONAL AIRCRAFT SALES PVT. LTD. (IASPL)** where we carry out light aircraft and components maintenance (Piston Engine Shop, Electrical Shop, Instrument & NDT Shop) at Bhopal, MP.
- **INDIAN AEROSPACE AND ENGINEERING (IAE)** carry out component maintenance (Radio Shop, Electrical and NDT) at Mumbai.
- **AEROSPACE RESEARCH AND DEVELOPMENT CENTRE (ARDC)** carry out component maintenance (Radio, Electrical and NDT) at Guwahati, and line maintenance at Bhubaneswar and Jamshedpur.

- SFA Guna (CAR I45) where we carry out the maintenance of flying aircraft like Cessna 172 (all series aircraft), Cessna 152, Thorp aircraft, P68C, P68 Observer and Cessna 206.
- Hindustan Aerospace & Engineering, Saswad, Pune (CAR-145) carry out component maintenance of starter, alternator, magneto, lead-acid battery & nickel-cadmium battery. We also have NDT magnetic particle inspection and fluorescent particle inspection
- Utkal Aerospace & Engineering, (under approval by DGCA for CAR-145).



Sha-Shib Group's Flying Training School

Sha-Shib Flying Academy, Guna, MP, India which is fully operational and carries out day and night flying. The students who have successfully completed the training from our Flying School are working with domestic and International carriers as well as with business aviation in various organisations. The Group is in the process of setting up another Flying Training School at Taneja Aerospace and Aviation Ltd. Facility, Hosur, Tamil Nadu and Ratlam, M.P.



Airport leased by Sha-Shib Group

Sha-Shib Group's presence at 6+ airports in India are a boon for the students of Sha-Shib Group where they get an exposure in actual working environments.

- › Guna Airport, Guna (MP)
- › Ratlam Airport, Ratlam (MP)
- › Chhindwara Airport (MP)
- › Biju Patnaik International Airport, Bhubaneswar
- › Hosur Airport, Tamil Nadu

We also have maintenance activities at:

- › Sonari Aerodrome, Jamshedpur (JH)

The background image shows two men in a workshop or classroom setting. They are both looking at a tablet held by the man on the right. The man on the left is pointing at the screen. The background is filled with various tools and equipment, suggesting a technical or aviation-related environment. The entire image has a blue color overlay.

Academic Support

Sha-Shib students are taught to thrive in the rapidly changing advanced world of aviation. Group's approach to learning goes beyond grades to building the character and confidence required to achieve impressive, unique and a bright future. The experienced and spirited faculty has long been one of the strengths of Sha-Shib Group of Institutions.

Sha-Shib Group of Institutions has well trained, qualified and experienced faculty. The academic activities at Sha-Shib Group is administered by a Centralized Academic Council which is mentored by 15+ experienced and licenced Aircraft Maintenance Engineers, working in the Groups' own MROs which is a boon for the learners. The group also has experienced faculty members who have 20-30 years of experience in the aviation industry as instructors.

The course materials like training notes, practical schedules, practice tests and other training aids are being monitored by the Centralized Academic Council.

Academic Support

AME modules and license examinations are conducted by DGCA. In 2004, students of Institute of Aeronautics & Engineering promoted by **Sha-Shib Group** of Institutions was the first to get 100 percent results in paper-1 conducted by DGCA in all India and previous to that the results in DGCA examinations were not so good. This result paved the way for not only to our own institutes of Sha-Shib Group, but also to other AME students that if they will work hard with proper guidelines they can pass the AME examinations. This trend of getting good results were maintained by the various institutes promoted by Sha-Shib Group which was monitored very closely by our mentors and academic team.

These exemplary results paved way for successfully completing various examinations conducted by DGCA and had developed a self confidence among Sha-Shib students guided by our academic team which helped them to get outstanding placements in various esteemed organizations. In fact, today students of Sha-Shib are employed nationally and internationally .

Advantages of various institutions and aviation establishments

Bigger establishments offer benefits such as greater reputation, larger social circle, and a pool of programs to choose from. Because of the reputation, institutions are sometimes able to attract more distinguished faculty members. As we are the largest group for imparting AME courses we have a pool of qualified lectures which is a great help for our students as they help the students of other institutes of Sha-Shib on demand.

Students at an institute of **Sha-Shib Group** get the unique opportunity to interact with the students of other institutes as their seniors in the field when they go for practical or seek jobs. Moreover as Sha-Shib has its own MROs at different airports and other places help them to understand the real working environment of maintenance engineers under highly skilled and experienced engineers/dignified aviation professionals/quality managers of our group at different base which enables and motivates our learners to get quality education and best practical experience. In fact they can interact with the licenced AMEs for which they are studying. Real environment matters a lot for the beginners and a proper guidelines in all respect is appreciated and helpful.

Advantages of dual program



Sha-Shib Group of Institutions provides dual program for its students to pursue a degree program along with 3-years Aircraft Maintenance Engineering course. We make our efforts to enhance students' managerial skills and knowledge to be ready for the growing role of specialization and competitions in the diversified industry.

Aspirants can choose the branch of bachelor degree/any degree program as per their area of interest. We give various options of discipline to opt for the bachelor program in the field of Arts, Commerce, Science, Management, Engineering, etc. from recognized universities to our students which help them to enhance their higher studies and employment aspects globally. Dual programme boosts the aspiring students in all respect to face the competitive world.

Students Alumni and Placements

Sha-Shib Alumni Association was established to create and maintain a life-long connection between Sha-Shib, current and future alumni. Our alumni network reflects our deep-rooted trust in the true value of education. Many talented alumni share their experience and skills to current students through presentations, student counselling and pep talks. They provide guidance to students by offering practical support to pursue a career where they can be successful and thrive.

They can go further in providing students with work placements and help them launch their career once they acquire the licence of aircraft maintenance engineering after passing all the DGCA examinations as mentioned in CAR 66. Alumni of **Sha-Shib Group of Institutions** are placed at higher posts in various organizations across the globe.

Sha-Shib Group have own training and placements help desk which is administered by a Centralized Academic Council of highly experienced and dignified aviation professionals who guide them as and when required.

Sha-Shib Alumnus



Fathima Rushda
Air India Express



Akhil Kumar
GoAir



Baswaraj Nirni
Deccan Charter



Anand Sing
Boeing



Suraj Panda
Trans Maldivian Airways



Kumar Gaurav
MYTRI Aviation Pvt. Ltd.



Vaibhav Kr. Sharma
Spice Jet



Shivangi Suryavanshi
Technical Publications



Midhun Murali
Emirates



Mukesh Sharma
Sky Airways



Atul Pandey
Dy Maintenance Manager, IASPL



Ovais Khan
Advanced Military Maintenance
Repair and Overhaul Centre –
AMMROC (UAE)



Farruq Khan
Qatar Airways



Sharad Pawar
Indian Aerospace & Engineering
- MRO



Gaurav Gupta
Indigo



Suraj Panda
Trans Maldivian Airways



Mukesh Sharma
Sky Airways



Prahlad Singh
Saurya Airlines



Anand Sing
Boeing



Chirag Radadiya
TATA



Sandhya Jaiswal
Heritage



Sachin
Indamar



Amit Pandey
GoAir



Robin Asra
Air India



Aastha Saini
Indigo



Lovepreet Bhatra
Indigo



Akash Jyoti Gogaoi
Airworks



Prashant Sameer
ACCI Aero Academy



Harendra
Spicejet



Adarsh Bhatia
MP flying club



Anupam Das
Indigo



Hamza Ibn Javed
GE Aviation



Indresh Akhila
CAE Global Academy



Sanjay Verma
Go Air



Shakti Thakur
Reliance



Anand Singh
Air India



Rajesh Singh
TAAL



Luit Sarma
Skywartz Skyxplorer



Kishley Shrivastav
Saurya Airlines



Naveen Kumar
Qatar Airways



Ajay Patil
MRO- Cochin



Ashutosh Pathak
Indamer Aviation Pvt. Ltd.



Nagesh Kumar
GoAir



Karunakar Mishra
Endeavor Aviation



VK Laksmi Marasimhan
Air Asia Berhad



Sunil Pabiya
Aditya Birla Group



Rupendra Singh
Deccan Charters



Vipin Mogha
TruJet



Kuntal Saha
Spice Jet



Abhishek Singh
Maintenance Manager
Sha-Shib Flying Academy



Darshan Joshi
Emirates



Anantha Raman
Qatar Airways



Harshal Kumar
Go Air



Sunny Zutshi
Capegemini

and many more...

Additional facilities apart from CAR-147 (Basic)

In addition to CAR-147 (Basic), Sha-Shib Group provides CAR145 & CAMO, all mandatory aviation related training facilities throughout India to the other organisation on demand basis.

National & International presence

Sha-Shib Group has an international presence at 3+ locations

India

Sha-Shib's national presence marks more than 12 major cities in India. It ranges from educational institutes to major aviation companies. Our country is the world's third largest civil aviation market and aiming to become numero uno soon

UK

The opportunities in the second largest aerospace manufacturing market is massive. British engineering skills and expertise has been the beacon in air travel and our presence there will improve the academic and training experience of our students to build a shining future.

USA

The avenues for education and skill development are unparalleled in the USA. Sha-Shib's presence in the USA is aimed to guide and connect Sha-Shib students with aviation of the world..

UAE

Opening shortly