www.saakochi.com

SHA-SHIB
AVIATION ACADEMY

Approved by DGCA, Govt. of India under CAR 147 (Basic)

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Welcome to Sha-Shib Aviation Academy, Cochin, a prestigious institution dedicated to shaping the future of aviation professionals. Our academy combines world-class education with advanced technology, offering a comprehensive curriculum that covers pilot training, aircraft maintenance, and air traffic management.

We pride ourselves on a dynamic, hands-on learning environment where experienced instructors and state-of-the-art facilities converge to provide you with the highest quality training. Our commitment to safety, innovation, and excellence ensures that every student is well-prepared for the challenges of a rapidly evolving aviation industry.

At Sha-Shib, you will develop not only technical skills but also critical leadership abilities, empowering you to make a significant impact in your future career. Embrace a transformative educational journey that opens doors to endless opportunities in the global aviation sector.

Join us at Sha-Shib Aviation Academy, Cochin, to embark on a rewarding career in the world of aviation.

Why SHA-SHIB AVIATION ACADEMY?

APPROVAL

सत्यमेव जयते

DIRECTORATE GENERAL OF CIVIL AVIATION

नागर विमानन मंत्रालय
MINISTRY OF
CIVIL AVIATION

SCOPE OF APPROVAL

AIRCRAFT MAINTENANCE ENGINEERING UNDER CAR 147 (BASIC)

B1.1 (MECHANICAL)
B2 (AVIONICS)

PRACTICAL TIE-UP

AIESL
AI ENGINEERING SERVICES LIMITED

SAA Kochi is backed by the Sha-Shib Group, the largest group in South Asia for imparting training in the field of Aircraft Maintenance Engineering under CAR-147 (Basic)

- The campus features Aircraft Hangar with functional aircraft: -
  a) Learjet 25B, fitted with CJ610-6 Turbojet Engine
  b) Cessna 150 fitted with Piston Engine
- Enhancing learning are state-of-the-art classrooms, digitally equipped, and air-conditioned.
- Practical tie-ups with AIESL - AI Engineering Services Ltd. provide real-world experience.
- The training at our organizations, regulated by the Directorate General of Civil Aviation, Government of India, is in accordance with international standards.
- Facilities include well-maintained instrument labs, electrical labs, radio navigation labs, jet engine and piston engine labs, airframe shops, machine shops, and other workshops, alongside a technical library.

AME COURSES

› Aircraft Maintenance Engineering B1.1
› Aircraft Maintenance Engineering B2

ADDITIONAL GRADUATION PROGRAMS OFFERED ALONG WITH AME

› BSc / BBA

For more information visit our website **www.saakochi.com**

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PROGRAMS WE OFFER

AIRCRAFT MAINTENANCE ENGINEERING

B1.1 MECHANICAL (AEROPLANE TURBINE)

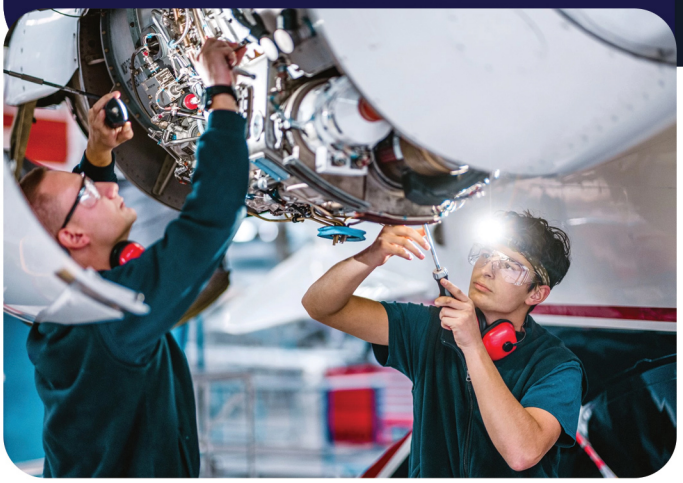
The Aircraft Maintenance Engineering B1.1 Mechanical (Aeroplane Turbine) course is a specialised program for aspiring aviation professionals. Focused on turbine engine systems, the curriculum blends rigorous theoretical studies with hands-on practical training. Students master the intricacies of engine design, operation, diagnostics, maintenance, and troubleshooting. Aligned with DGCA standards, the course ensures industry readiness and strict adherence to safety regulations.

State-of-the-art laboratories and experienced instructors provide immersive learning, fostering technical expertise and critical problem-solving skills. This comprehensive program prepares graduates to excel in a dynamic aviation market, meeting evolving industry demands while upholding precision and efficiency in maintenance practices. The course is designed to cultivate innovation and drive excellence in aircraft maintenance engineering. Empowering future technicians with unparalleled skills and expertise.

B2 AVIONICS

Aircraft Maintenance Engineering B2 Avionics is a specialised program designed to develop expertise in advanced aircraft electronics. The curriculum integrates rigorous theoretical instruction with immersive practical training, focusing on communication, navigation, and instrumentation systems. Through state-of-the-art laboratory sessions and real-world simulations, students learn to troubleshoot, maintain, and repair sophisticated avionics systems, ensuring optimal safety and performance.

Adhering to strict DGCA standards, the course emphasises precision, innovation, and critical problem-solving skills. With experienced faculty and modern facilities, this program bridges the gap between theory and practice, empowering graduates to meet the evolving demands of the global aviation industry and drive operational excellence in aircraft maintenance engineering.



AIRCRAFT MAINTENANCE ENGINEERING

Aircraft Maintenance Engineering (AME) is a critical field in the aviation industry, focusing on ensuring the safety, airworthiness, and proper functioning of aircraft. In India, the AME course is regulated by the Directorate General of Civil Aviation (DGCA), which sets standards and guidelines for training and certifying aircraft maintenance professionals. Sha-Shib Group stands as a leading DGCA-approved AME training program provider in India, offering a comprehensive curriculum covering various aspects of aircraft systems, structures, and engines through theoretical and practical training modules. This coursework aims to provide students with a profound understanding of aviation regulations, safety protocols, and maintenance procedures.

WHO CAN JOIN?

AME candidates should pass the 10+2 examination with Physics, Chemistry, and Mathematics from a recognized Board, or its equivalent; or hold a 3-year engineering diploma in Mechanical/ Electrical/Electronics/Aeronautical.

IMPORTANCE OF AIRCRAFT MAINTENANCE ENGINEERING

With the rapid growth and expansion of the aviation sector globally, there's a significant increase in opportunities for career advancement for aircraft maintenance engineers, both domestically and internationally.

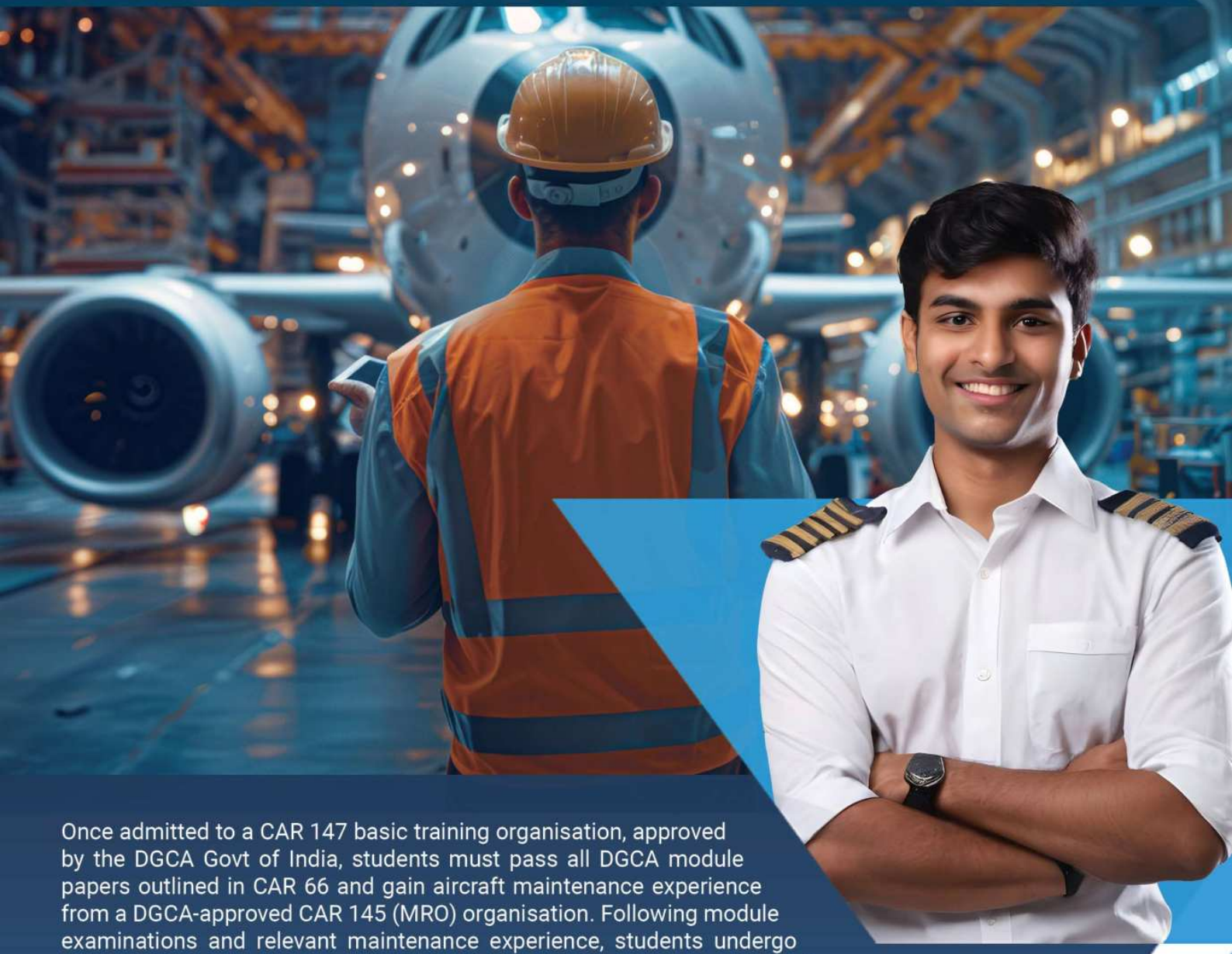
The importance of Aircraft Maintenance Engineering (AME) courses have become crucial in the exponential growth of the aviation industry. With the continuous rise in commercial flights and aircraft, there's an escalating demand for proficient aviation professionals, particularly those specialised in aircraft maintenance.

AME courses play a vital role in ensuring the safety, reliability, and efficiency of aircraft operations. They provide individuals with the necessary knowledge and skills to conduct inspections, repairs, and maintenance, thereby directly contributing to the industry's safety standards and operational reliability.

Eligibility

10+2 with Physics, Chemistry & Mathematics or 3-year engineering diploma in Mechanical / Electrical / Electronics / Aeronautical

HOW DOES AN ASPIRING STUDENT BECOME A LICENCED AIRCRAFT MAINTENANCE ENGINEER?



Once admitted to a CAR 147 basic training organisation, approved by the DGCA Govt of India, students must pass all DGCA module papers outlined in CAR 66 and gain aircraft maintenance experience from a DGCA-approved CAR 145 (MRO) organisation. Following module examinations and relevant maintenance experience, students undergo necessary examinations, on-the-job training, and viva based on aircraft category, leading to the issuance of a licence according to regulations.

Throughout the process of obtaining an AME licence, students may secure employment in various roles such as Aircraft Maintenance Managers, Workshop Maintenance Managers, Quality Managers, Continuing Airworthiness Managers, Planning Managers, Aircraft Maintenance Technicians, Technical Officers, Supply Chain Managers and Store Inspectors, by prevailing regulations.

Upon completing three years of training, AME students undergo a remarkable transformation at training institutes. They transition from newcomers to proficient AMEs, due to their acquired cognitive skills, deep-rooted practical knowledge, and skill development. Their triumph in passing numerous DGCA AME examination papers further solidifies their expertise. These transformations render them ideal candidates for recruitment in the aviation industry.

WHY CHOOSE A CAREER IN THE AVIATION INDUSTRY?

Business development is instrumental in driving the economic progress of nations by evaluating company performance and identifying areas for improvement. As you delve into the exciting world of business development, you'll find that aviation plays a pivotal role, offering boundless prospects for exploration and career advancement. To optimise travel time and expenses, competitive ticket prices and same-day journey facilities are essential, making air travel a highly viable option for travellers. It's not just about reaching your destination swiftly and efficiently; it's about embracing a dynamic industry that fuels global connectivity and economic progress. The aviation sector isn't just a mode of transportation; it's a catalyst for change, driving job creation, fostering international commerce, and propelling nations towards sustainable development goals. Recognized as a key driver for achieving UN Sustainable Development Goals, the aviation sector is experiencing rapid expansion globally

Now, let's talk about India—a land where the skies are brimming with opportunities. With policies like Foreign Direct Investment (FDI) and initiatives such as the Regional Connectivity Scheme (RCS) and Ude Desh Ka Aam Nagrik (UDAN), the Indian government is paving the way for unprecedented growth in the aviation industry. Currently ranked third in the world for domestic air travel, India is on the cusp of claiming the top spot. The demand for air travel is skyrocketing, and Indian carriers are gearing up to double their fleet capacity by 2027, opening doors to a multitude of career prospects. And that's not all—India's ambitious plans include developing 220 new airports by 2025 and boosting cargo flights by 30%, creating a surge in employment opportunities across the aviation sector.

INDIA'S AVIATION SECTOR SOARS TO NEW HEIGHTS

A rising proportion of middle-income households, healthy competition among Low-Cost Carriers, infrastructure buildup at leading airports, and a supportive policy framework have given a positive push to the aviation sector. The civil aviation industry in India has emerged as one of the fastest-growing industries in the country during the last three years and can be broadly classified into scheduled air transport service, which includes domestic and international airlines; non-scheduled air transport service consisting of charter operators and air taxi operators; and air cargo service, which includes air transportation of cargo and mail.

Domestic traffic contributes around 69% of the total airline traffic in South Asia, and The number of domestic air passengers in India is expected to surge to 300 million annually by 2030 from 153 million in 2023 and the country still would have a vast untapped market. The Indian aviation industry has fully recovered from the COVID-19 pandemic shock, as indicated by the air traffic movement, which stood at 327.28 million in FY23 compared to 188.89 million in FY22. India has become the third-largest domestic aviation market in the world and is expected to overtake the UK to become the third-largest air passenger market by 2024.

DEVELOPMENT OF AIRPORT INFRASTRUCTURE

Currently, the country has 149 operational airports, including 137 airports, 2 water aerodromes, and 9 heliports. Among them, there are 29 international, 92 domestic, and 10 custom airports. To meet the growing demand for air travel in India, it has become imperative to increase the capacity of airport infrastructure.

To augment airport infrastructure, the government aims to develop 100 airports under the UDAN Scheme. To date, 76 airports have been developed. More than 2.15 lakh UDAN flights have operated, and over 11 million passengers have availed the benefits of UDAN flights so far. This will increase the demand for aviation professionals as airports can't function without AMEs, ground staff, and other aviation professionals.

DEMAND FOR MAINTENANCE, REPAIR & OVERHAUL (MRO) SERVICES

The projected upsurge in air travel in India would require more aircraft usage, further igniting the demand for Maintenance, Repair & Overhaul (MRO) services. The Indian Civil Aviation MRO market, at present, stands at around $900 million and is anticipated to grow to $4.33 billion by 2025, increasing at a CAGR of about 14-15%.

Aircraft Maintenance Engineers (AMEs) play a central role in providing these services. AMEs are licensed professionals responsible for inspecting, repairing, and maintaining aircraft to meet regulatory standards and ensure safe operation. MRO services must comply with aviation regulations set by authorities such as DGCA. MRO facilities must employ AMEs as per rules also.

Up to 100% FDI is permitted in MRO for maintenance and repair organisations, flying training institutes, and technical training institutes under the automatic route. This will increase the number of MROs in the country.

Employment Opportunities for Aircraft Maintenance Engineers while Pursuing the Examination for an AME Licence

STORE INSPECTOR

Store Inspectors are responsible for managing and inspecting aircraft spare parts and components to ensure their quality and airworthiness.

AIRCRAFT MAINTENANCE TECHNICIAN

These technicians perform maintenance tasks under the supervision of licensed AMEs. They assist in inspections, repairs, and component replacements.

CONTINUING AIRWORTHINESS MANAGER

This role focuses on ensuring that aircraft remain in an airworthy condition throughout their operational life, including oversight of maintenance programs, etc.

WORKSHOP MAINTENANCE MANAGER

Responsible for managing aircraft component maintenance workshops, ensuring that maintenance tasks are performed to the required standards.

SUPPLY CHAIN MANAGER

Supply chain managers monitor inventory levels, track demand patterns, and implement effective inventory control strategies.

TECHNICAL OFFICER

Technical Officers provide technical support and expertise in various areas, such as avionics, airframe, or powerplant systems.

PLANNING MANAGER

Planning Managers are involved in scheduling maintenance tasks, allocating resources, and ensuring that maintenance activities are carried out efficiently.

QUALITY MANAGER

Quality Managers are responsible for establishing and maintaining a quality management system to ensure that all maintenance activities meet regulatory and quality standards.

AIRCRAFT MAINTENANCE MANAGER

This role typically involves overseeing the day-to-day operations of the maintenance department, including scheduling, personnel management, and ensuring compliance with regulations.

LICENCED AIRCRAFT MAINTENANCE ENGINEER

SHA-SHIB GROUP

EMPOWERING KNOWLEDGE THROUGH VISION

India UK USA UAE

The

LARGEST GROUP IN SOUTH ASIA

for imparting training in the field of

Aircraft Maintenance Engineering

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SHA-SHIB GROUP AT A GLANCE

04+	Country Presence	09	AME Colleges in India	07	Airport Presence
13+	MRO Bases & Subbases	15+	Licenced Engineers as Mentors	28+	Functional & Live Aircrafts
02+	AICTE Approved Engg. Colleges	12+	Practical Tie-Ups	01	Flying Training Organisation

WHY STUDENTS PREFER SHA-SHIB GROUP OF INSTITUTIONS?

THE LARGEST GROUP IN SOUTH ASIA

Sha-Shib Group of Institutions is the largest group in South Asia for imparting training in the field of Aircraft Maintenance Engineering. We also offer Bachelor of Engineering (BE) in Aeronautical Engineering, as well as training programs for Commercial Pilot Licence (CPL), Air Hostess/Cabin Crew, Ground Staff, Airport Management, BBA Aviation, B.Sc. Aviation, and many other undergraduate (UG) and postgraduate (PG) level courses across the nation. Therefore, Sha-Shib Group proudly holds the distinction of being the leader among aviation training providers in India.

GROUP'S 34 YEARS OF EDUCATIONAL EXCELLENCE

Sha-Shib Group was established in 1991, and studying at a 33-year-old organization offers a myriad of benefits, including but not limited to:

- **Legacy of Educational Excellence: Adaptability to changing educational landscapes. Consistent delivery of high-quality education.**
- **Stability and Proficiency: With the support of enduring infrastructure, experienced faculty, and financial sustainability, our institutions ensures stability and proficiency in education.**
- **Large Alumni Network: Access to mentorship, career guidance, and networking opportunities**
- **Excellence in Academic Techniques: Advanced teaching methodologies developed over years**

GROUP'S MULTINATIONAL PRESENCE

Sha-Shib Group, based in India, has a presence in the UK, USA, and UAE, with plans for further expansion into other countries soon. This multinational presence provides students with an international perspective, enabling them to understand the latest updates in the aviation industry worldwide. Such global exposure is invaluable for students exploring future career opportunities.

GROUP'S 33 ESTABLISHMENTS WITH A COMMON VISION

The Group comprises 33 establishments approved or recognized by various government agencies. We are striving to empower learners and young minds to become competent in the fields of Aircraft Maintenance Engineering (AME), Aeronautical Engineering, Commercial Pilot Licencing, and various other trending careers in the aviation industry.

GROUP'S 27 AVIATION ESTABLISHMENTS DULY APPROVED BY DGCA, GOVT. OF INDIA

The advantage in Sha-Shib Group is that candidates can get comprehensive exposure with different types of DGCA approved organizations at one roof, which consists of

- **10 AME training institutes for imparting Aircraft Maintenance Engineering training**
- **13 Maintenance, Repair and Overhauling bases/ Sub-bases for Maintenance of Aircraft/ Components/ its system**
- **3 Continuing Airworthiness Management Organisations for managing continuing airworthiness of various types of aircraft/ components & its system at various locations in India**
- **1 Flying Training Organisation for imparting training to aspiring candidates for Commercial Pilot Licensing**

GROUP'S 2 (TWO) AICTE APPROVED ENGINEERING COLLEGES AND 4 (FOUR) SCIENCE & MANAGEMENT COLLEGES

Sha-Shib Group has 2 (two) AICTE-approved engineering colleges and 4 (four) science and management colleges. Students have the additional advantage of exploring other courses in engineering, science, and management while pursuing AME courses. Additionally, students can receive support for in-depth subject knowledge from expert faculties at these colleges.

GROUP'S PRESENCE AT 6 DOMESTIC AND INTERNATIONAL AIRPORTS IN INDIA

The group has a presence at six different domestic and international airports where students can visit and learn about actual aircraft operations and maintenance practices. This includes;

- **Maintenance activities such as preflight, postflight & daily inspections; refueling & defueling of aircraft; invoking of MEL etc.**
- **The operations activities such as towing, taxiing, marshaling & mooring of aircraft; day & night flight operations; windsox functioning and air traffic control (ATC) operations and various safety drills at airports etc**

These are rare opportunities students get during their basic training period.

Alumni presence

With students employed both domestically and internationally, Sha-Shib Group takes pride in its extensive alumni network. This network provides valuable support to current students through regular interactions, mentorship, and assistance in job placement, acting as a significant source of encouragement and confidence.

PAWAN BHUJBAL

AIR INDIA

ADITYA PATIL

AIR INDIA

RAJESH ADSUL

AIR INDIA

STEVE SEEMANTHY

AIR INDIA

PRANAL BANE

AIR INDIA

RAVI BIND

INDIGO

FAIZAN SHAIKH

INDIGO

DHANURDHAR KUMAR ROSHAN

INDIGO

MITHESH SALVI

INDIGO

MAYURI GHARAT

INDIGO

HUZAIFA QURESHI

INDIGO

RAHUL PRAJAPATI

INDIGO

MITESH SONI

INDIGO

RAZA MEMON

INDIGO

RAJAN KUMAR SINGH

INDIGO

AFFAN UKAYE

INDIGO

KETUN SHAH

INDIGO

AKSHAY MATE

INDIGO

AMAR SHINDE

INDIGO

AKSHAY DESHMUKH

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AIR WORKS

Joby R John

AIR WORKS

Sunny Kumar

AIR WORKS

Suhaib Khan

AIR WORKS

Jinas Nujum

AIR INDIA

Nagarajan

GMR

Saharior Rahman

GMR

MD Murshid

SpiceJet

Princy Paul

SpiceJet

Alan Babu

SpiceJet

Srijin Dev

CHIPSAN AVIATION

Subin Susobh

Capgemini

Priscilla Mary

Capgemini

Ranjive

FLY SMART go

Syed Atif Sultan

FLY SMART go

Niligiri Dalabehera

TATA BOEING

Vyshak P Nair

TATA BOEING

Abhishek Pal

IndiGo

Achyuth G.C

IndiGo

Adeel Hammad

IndiGo

Akhil S

IndiGo

Akshay Bhagat

IndiGo

Alekha Swain

IndiGo

Numan Nemu

IndiGo

Arun Pratap Sahani

Nepal Airlines

Angan Goswami

vistara

Murthy Thevar

IndiGo

Bharanidharan S

IndiGo

Basavaraj Kadi

IndiGo

Abhishek Pal

IndiGo

Chaitanya Deshpande

IndiGo

Vivan Daniel

IndiGo

Debarati Paul

IndiGo

Minsagar Sari

IndiGo

Nidhi Shukla

IndiGo

Om Prakash Ranjan

IndiGo

Hari Govind

AIR WORKS

Prasanth Kumar

IndiGo

and many more...

SHA-SHIB AVIATION ACADEMY

470-A/9, Near SAJ Hotel & Resorts,
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