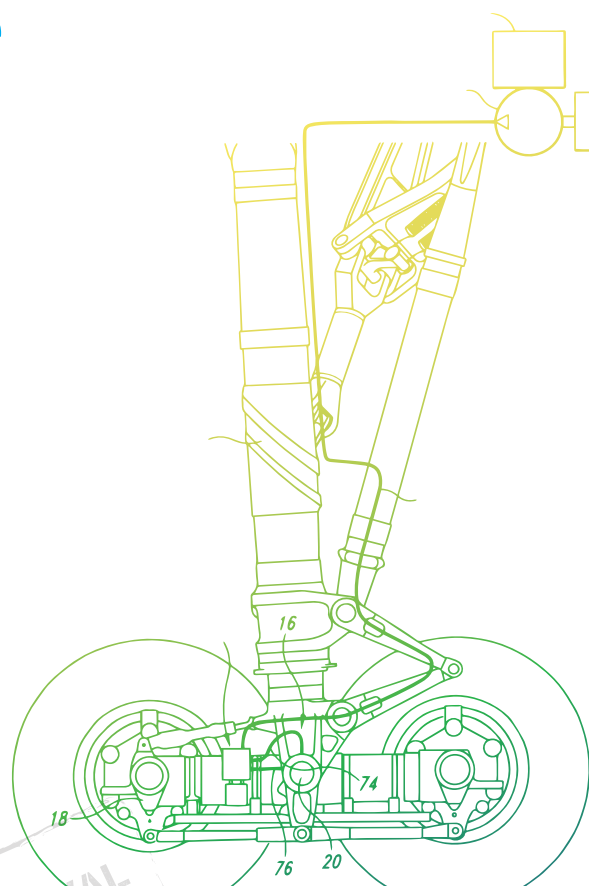




Estd. 2004

**WESTERN INDIA  
INSTITUTE OF  
AERONAUTICS  
PVT. LTD.**

**Shaping the Future  
in Aviation**



# about **WIIA**

## Western India Institute of Aeronautics Pvt. Ltd. (WIIA)

is located at the land of "OPPORTUNITY", Ahmedabad, Gujarat. WIIA was initially established and approved in the year 2004 by Director General of Civil Aviation, Ministry of Civil Aviation, Govt. of India imparting ab-initio training in the field of Aircraft Maintenance Engineering after ensuring compliance of all the DGCA requirements.

Initially WIIA, was approved to impart training on Light Aircraft and Piston Engine. With the vision of contributing skilled Aircraft Maintenance Engineer for civil aviation industry, WIIA enhanced their scope to provide training on Heavy Airplane, Turbine Engine, Light Aircraft and Piston Engine and later on training on Avionics System and Aviation and Hospitality industry.

WIIA believes that an industry ready student makes for a great professional. We can safely claim to have cracked the code of success of our previous students in the Aviation and MRO sectors to our industry-ready infrastructure and "Live Environment Practical Training" Facility.

WIIA has the highest training placement record and the graduates are placed in all the airlines, MRO, Flying Training Schools, Non-Schedule Operator, Govt. Sector, etc.

## FACILITIES



Boeing 737-200 Aircraft



Learjet -24 Aircraft



Jet Engine Shop



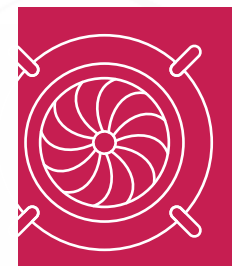
Zenith CH2000 Aircraft



Su-7

This is a great opportunity for students undergoing AME Training in Mechanical and Avionic Category with latest equipment before they actually work on live working aircraft.

## COURSES



### Aircraft Maintenance Engineering (AME)

- Aeroplane Turbine (B1.1) Category
- Avionics (B2) Category

### B.Tech in Aircraft Maintenance Engineering

### B.Tech in Aeronautical Engineering

in association with Indus University



### Cabin Crew

### Aviation, Hospitality & Travel Management



WIIA is the only DGCA Approved AME Institute to provide B.Tech (Aeronautical) and B.Tech (Aircraft Maintenance Engineering) in association with Indus University. Our campus is located in the university campus.

A boom in the Aviation and Hospitality industry has consequently witnessed a huge demand for skilled manpower. Good communication skills coupled with a pleasant personality are the key requirements in this industry and WIIA provides you just that.

We are delighted that you are thinking about studying Aviation Courses at WIIA. We operate a fair and open admissions system committed to equality of opportunity and non-discrimination. We consider all applications on merit and on the basis of ability to achieve, without discrimination on grounds of gender, age, disability, ethnicity and socio-economic background.

We welcome applications from all prospective students and aim to provide appropriate and efficient services to students with disabilities.





# AIRCRAFT MAINTENANCE ENGINEERING

## IS AIRCRAFT MAINTENANCE ENGINEERING FOR ME?

- ▶ Do you love the idea of working with state-of-the-art technology?
- ▶ Do you like to know how things work?
- ▶ Do you enjoy finding practical solutions to problems?



## IF SO, AIRCRAFT MAINTENANCE ENGINEERING COULD BE FOR YOU!

A Licensed Aircraft Maintenance Engineer, is a licensed professional who carries out and certifies Aircraft and it's engine. The license is widespread internationally and is recognized by the ICAO (International Civil Aviation Organization) in 193 countries.

Aircraft Maintenance Engineers get to work on some of the new and most powerful flying machines on earth. As an Aircraft Maintenance Engineer, you will always be at the center of things in Aviation. No aircraft takes off without being checked and signed-off by an Aircraft Maintenance Engineer. You could specialize in checking and maintaining the Aircraft, Engine, Component, Electrical System, Flight Management, Navigation and Communication Systems. The more qualifications and variety of aircraft/ engine/ type endorsed on the AME License you have, the better your employment and career opportunities will be.

### WIIA provides theoretical and practical training under CAR 147 (Basic) to get AME License in the following categories -

#### B1.1 - AEROPLANE TURBINE



B1.1 category AME license holder work on aircraft engines and aircraft systems such as electrical flight controls, undercarriage and braking systems, fuel, hydraulics, cabin pressurization and more. Many of these systems are now computer controlled which means that aircraft maintenance engineers require thorough training in modern aircraft systems technology.)

#### B1.2 - AEROPLANE PISTON



The stream which deals with the study and maintenance of Piston Engine & Light Aeroplane Structure is commonly known as Category B1.2 in Mechanical Stream. Students of Mechanical Stream who successfully clear all the Basic Knowledge Module Examination conducted by CEO, DGCA and completes all the maintenance experience requirements stipulated by DGCA in Civil Aviation Requirement-66 get the Aircraft Maintenance Engineering Licence in Category B1.2.

#### B2 - AVIONICS



B2 category AME license holder work on aircraft electrical, instrument, communication and navigation systems. These systems include complex computer technology and involve high-tech equipment such as radar, electrical generators, navigation, communications, fly-by-wire, auto flight and digital systems, to name just a few.

#### B1.3 - HELICOPTER TURBINE



The stream which deals with the study and maintenance of Turbine Engine & Helicopter (Rotary Aeroplane) Structures is commonly known as Category B1.3 in Mechanical Stream. Students of Mechanical Stream who successfully clear all the Basic Knowledge Module Examination conducted by CEO, DGCA and completes all the maintenance experience requirements stipulated by DGCA in Civil Aviation Requirement-66 get the Aircraft Maintenance Engineering Licence in Category B1.3.

### ELIGIBILITY



- ▶ 10+2 with Physics, Chemistry, and Mathematics (PCM); Or
- ▶ 3 Years (6 Semesters) Diploma/ Higher
- ▶ Qualification from the branch of Aeronautical/ Mechanical/ Electrical/ Electronics Engineering
- ▶ Physically fit and with no vision problems like Color Blindness or Night Blindness

### DURATION



**3 Years**  
(6 Semesters)

## B.Tech in AIRCRAFT MAINTENANCE ENGINEERING in association with Indus University

## IS AIRCRAFT MAINTENANCE ENGINEERING (B.Tech) FOR ME?

- ▶ Do you love the idea of working with state-of-the-art technology?
- ▶ Do you like to know how things work?
- ▶ Do you enjoy finding practical solutions to problems?



## IF SO, AIRCRAFT MAINTENANCE ENGINEERING (B.Tech) COULD BE FOR YOU!

The technical discipline known as Airplanes Maintenance Engineering (AME) is concerned with maintaining and fixing problems with aircraft. A four-year undergraduate degree in aircraft maintenance engineering offers a variety of job options in the aviation industry.

### ELIGIBILITY



- ▶ 10+2 with Physics, Chemistry, and Mathematics (PCM); Or
- ▶ 3 Years (6 Semesters) Diploma/ Higher
- ▶ Qualification from the branch of Aeronautical/ Mechanical/ Electrical/ Electronics Engineering
- ▶ Physically fit and with no vision problems like Color Blindness or Night Blindness

### DURATION



**4 Years**

### OPPORTUNITIES IN FUTURE



All schemes and non schedule Airlines, Business Aircraft, Maintenance Organizations, Flying Clubs, Charter Services, Tech Publications, Cargo and Taxi, DGCA Department, Higher Education and Government Sector.





## B.Tech in AERONAUTICAL ENGINEERING

association with Indus University



Aeronautical engineers need to be meticulous and skilled at fixing problems. They should be proficient in computers, have strong design chops, and be able to communicate clearly. They must be adept at functioning under pressure and possess strong planning abilities. A potential candidate for aeronautical engineering should be physically fit because they may need to work exceptionally quickly often, especially when checking and maintaining aircraft during turnarounds.



One of the fascinating job options in India is a B.Tech. in aeronautical engineering. A lifetime thrill of being a pilot and exploring space is also provided by this school, in addition to thrilling work chances at top companies. ISRO hires the majority of these aeronautical engineers that have graduated.

The four years, which are broken up into eight semesters, make up the B.Tech. Programme in aeronautical engineering. Aeronautical engineering is the right degree for you if you have an interest in aircraft design and systems. Aerodynamics, a crucial area of physical science that pertains to aeronautical engineering, studies the motion of air and how it interacts with moving things like aircraft. You must get a B.Tech in mechanical engineering or aeronautical engineering before you can work as an aerodynamic engineer.

### ELIGIBILITY



- ▶ 10+2 with Physics, Chemistry, and Mathematics (PCM); Or
- ▶ 3 Years (6 Semesters) Diploma/ Higher
- ▶ Qualification from the branch of Aeronautical/ Mechanical/ Electrical/ Electronics Engineering
- ▶ Physically fit and with no vision problems like Color Blindness or Night Blindness

### DURATION



4 Years

### OPPORTUNITIES IN FUTURE



Aerospace Engineers      Design Engineers  
Professor                      Assistant Instructor  
System Safety Management Engineer

## B.TECH IN AEROSPACE ENGINEERING

association with Indus University



Aerospace engineering is a multidisciplinary field that involves the manufacturing, maintenance, and design of aircraft and spacecraft. The course curriculum typically covers subjects like Aerodynamics, Aerospace Propulsion, Aircraft Systems, Flight Dynamics, and Design.



It is a 4-year degree program that provides both theoretical knowledge and practical skills related to aerospace technology. Aerospace engineers play a crucial role in overseeing the production of aerospace technology, from design to testing, utilizing scientific concepts to create prototypes and advance the field of aerospace engineering

### ELIGIBILITY



- ▶ 10+2 with Physics, Chemistry, and Mathematics (PCM); Or
- ▶ 3 Years (6 Semesters) Diploma/ Higher
- ▶ Qualification from the branch of Aeronautical/ Mechanical/ Electrical/ Electronics Engineering
- ▶ Physically fit and with no vision problems like Color Blindness or Night Blindness

### DURATION



4 Years

### OPPORTUNITIES IN FUTURE



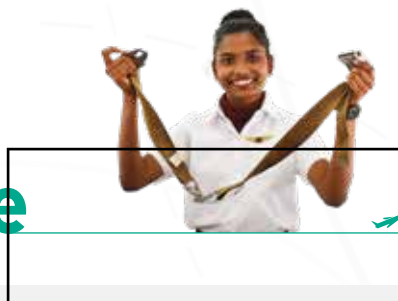
Aerospace Engineers      Design Engineers  
Professor                      Assistant Instructor  
System Safety Management Engineer












## Aviation, Hospitality & Travel Management

serving YOU  
from  
cloudnine



<b>AGE LIMIT</b> 	<b>HEIGHT</b> 
17 to 26 years of age	Minimum <b>155 cm</b> (More than 5 feet)
<b>ELIGIBILITY</b> 	<b>APPEARANCE</b> 
10 + 2 examinations from a recognized board or university	Pleasing personality
<b>COMMUNICATION</b> 	<b>DURATION</b> 
Basic fluency and clarity of speech in English and Hindi both	<b>6 Months</b>
<b>MODE OF ADMISSION</b> 	
Interview/Skill test (Selection will be on the basis of personal interviews and aptitude test only)	

### CAREER PROSPECTS

- ▶ Cabin Crew
- ▶ Ramp Officer
- ▶ Cargo Handling Staff
- ▶ Airport Terminal Executive
- ▶ Customer Service Personnel
- ▶ Guest Service Supervisor
- ▶ Front Office Assistant
- ▶ Guest Relationship Executive
- ▶ Travel Desk Executive
- ▶ Food and Beverage Executive
- ▶ Itinerary Planner and Reservation
- ▶ Fares and Ticketing Executive








### AVIATION, HOSPITALITY AND TRAVEL MANAGEMENT

- ▶ This program enables students to gain knowledge of three different industries hence giving them choose from their favourite stream.
- ▶ WIIA has specially prepared a six months' course to develop your professional skills.
- ▶ In our practical training program, we use updated technology, real-time communication and simulation, etc.
- ▶ During this program, you will be equipped with comprehensive knowledge, lots of skills, values, and experience required to set you apart from others.
- ▶ Upon completion of this course, students will be able to familiarize with and understand mandatory Aviation, Hospitality and Travel regulation and appreciate factors impacting airline and hotel operations.

## CABIN CREW

serving YOU  
from  
cloudnine



<b>AGE LIMIT</b> 	<b>HEIGHT</b> 
18 to 25 years of age	Minimum <b>155 cm</b> (More than 5 feet)
<b>ELIGIBILITY</b> 	<b>APPEARANCE</b> 
10 + 2 examinations cleared in any stream from a recognized board or university	Clear skin, positive body language, and well-groomed, no visible scars or tattoos, and pleasing personality.
<b>COMMUNICATION</b> 	<b>DURATION</b> 
Basic fluency and clarity of speech in English and Hindi both	<b>3 Months</b>
<b>MODE OF ADMISSION</b> 	
Interview/Skill test (Selection will be on the basis of personal interviews and aptitude test only)	

### CAREER PROSPECTS

#### Private Sector

Flight attendants in IndiGo, Singapore Airlines, Airindia etc.

#### Government Sector

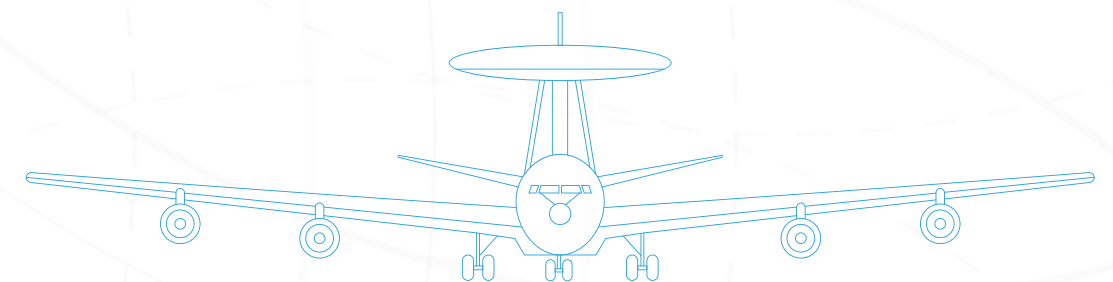
training of recruits, managerial jobs, etc. Hotel hospitality, media, and travel tourism are other places that open to them after serving as flight attendants.



### CABIN CREW

- ▶ Expand your skills by joining our airport management training at WIIA at an affordable price that includes all kinds of simulated programs, case studies, and practical training.
- ▶ WIIA has specially prepared a six months' stewardess course to develop your professional skills. In our practical training program, we use updated technology, real-time communication, live passenger safety simulation, etc.
- ▶ During our cabin crew training program, you will be equipped with comprehensive knowledge, lots of skills, values, and experience required to set you apart from others.
- ▶ The cabin crew makes the flying experience pleasant and safe for passengers.

# WIIA PLACEMENTS >>



# TESTIMONIALS >>



I consider myself lucky to have taken that decision. Got great teachers who were sincere and concerned for the students. I found the connect between the students and teachers to be much more than superficial.

They genuinely got our backs in getting our fundamentals right and helping us clear the DGCA exams.

Great infrastructure, genuine teaching and just the right platform to catapult you in the field of Aircraft Maintenance.

**Rishi Iyengar**  
Fleet Engineer, Indigo airlines

Working in aviation was a dream and to start this journey I chose WIIA as the 1st step. I would really like to thank all teachers and other staff for being so supportive even till date.

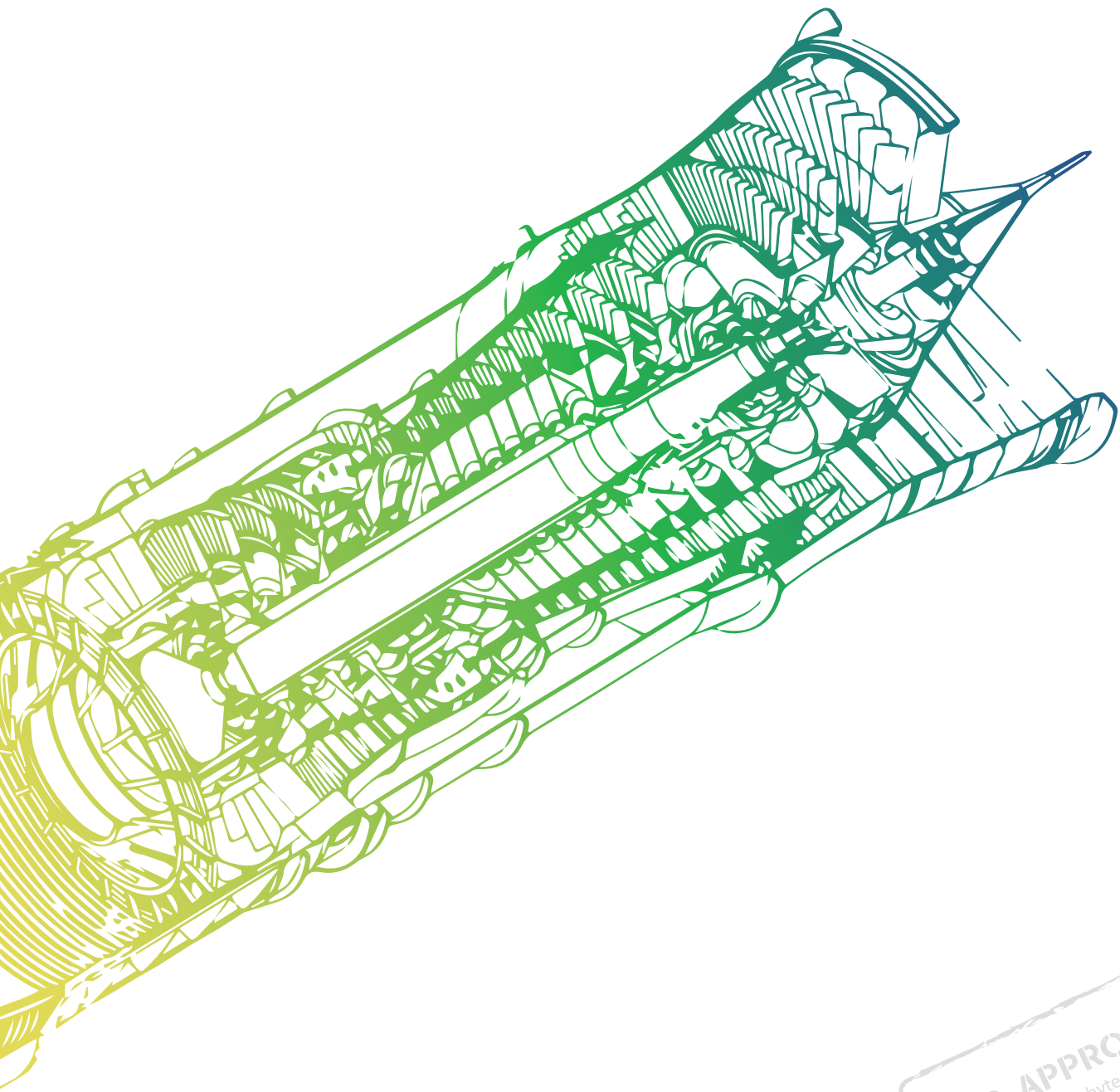
Teaching was not only theoretical but practical as well which was very helpful. With all these efforts and knowledge I am working successfully in Indigo Airlines today.

**Monika Magnani**  
Aircraft Maintenance Technician IndiGo  
(InterGlobe Aviation Ltd)



Shaping the Future  
in AVIATION





Estd. 2004

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