



NDC INSTITUTE OF AIRCRAFT MAINTENANCE ENGINEERING

Approved by DGCA, Ministry of Civil Aviation, Govt. of India
www.ndcinstitute.com

**Aircraft Maintenance Engineering
+ B.Tech Aeronautical/Aerospace (Dual Programme)**

AERO CET-2025 AME Entrance Test

APPLY ONLINE : www.aerocet.ndcinstitute.com

NDC Institute of AME Vadodara Invites application of NDCIAME AEROCET-2025 for 12th (Maths Group)/Diploma Pass or appearing student for admission in Full Time Aircraft Maintenance Engineering with B.Tech Aeronautical/Aerospace

THE RUNWAY FOR PERFECT CAREER TAKE-OFF

In Association with :



Training Partners :



Contact us : 9825366787, 9825722787, 7874025251

Email : info@ndcinstitute.com

AERO CET

Aero CET is a common entrance exam of national level for pursuing Aircraft Maintenance Engineering (AME) course. Due to stringent regulation of DGCA, Ministry of Civil Aviation NDCIAME have limited no. of seats and to induct students on merit basis, NDCIAME conducts Aero CET. Aero CET is the platform where participants can get up to 100% scholarship according to their All India Rank of Aero CET. Aero CET offers 25% scholarship to all qualified students.

Choosing a course is very simple but getting into it is really challenging task. On the basis of Aero CET, candidates are selected for our integrated programme (Aircraft Maintenance Engineering+B.Tech Aeronautical/Aerospace with NAAC A++ Accredited University) at NDC IAME on the basis of score & ranking obtained, candidate will be awarded scholarship (Upto 100% in Tuition fees only).

Aero CET is a national level entrance exam provide an opportunity for talented aspirants who have passed (appearing also) 12th with PCM stream or its equivalent to join Aircraft Maintenance Engineering approved by DGCA, Govt. of India. The main purpose of conducting Aero CET to grab deserving candidates and deliver high skilled professionals to Indian aviation field.

Aero CET is required for all candidates to join NDC IAME (although it is not mandated by authority) as we provide attractive scholarship & 100% placement assurity for eligible candidates.

Attractive scholarship to all qualified students

RANKS	SCHOLARSHIP
Topper of Central Board/State Board	100%
AERO CET Rank 1	100%
AERO CET Rank 2	80%
AERO CET Rank 3	70%
AERO CET Rank 4 to 10	50%
AERO CET Rank 11 to 20	40%
Aero CET Qualified Candidate	25%

Note: * Scholarship will be applicable in tuition fees of a semester on getting seat in NDC IAME.
* Candidate has to secure minimum 45% marks to qualifying the exam.

WHY AVIATION



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, nonscheduled air transport service which consists of charter operators, air taxi operators and air cargo service which includes air transportation of cargo and mail. The Indian aviation industry has recovered fully from the covid-19 pandemic shocks as indicated by the air traffic movement which stood at 613,566 in the first quarter of FY 2022-23 compared to 300,405 in the same period last year, an increase of 104.24%. Indigo is the largest airline company in India with the highest market share. IndiGo orders 500 Airbus A320 family aircraft worth \$50 billion which will keep its fleet young and active for many years. On other hand The Indian aerospace industry is also growing rapidly. The growing importance of space technology, with India planning to launch its own manned mission to the moon in the coming years which required skilled engineers in Aerospace Sector. India is expected to overtake China and the United States as the world's third-largest air passenger market by 2030, according to the International Air Transport Association (IATA). Further, the rising demand in the sector has pushed the number of airplanes operating in the sector. The number of airplanes is expected to reach 1,100 planes by 2027.

Recent News :

- ✦ The government has allowed 100% FDI under the automatic route in scheduled air transport service, regional air transport services and domestic scheduled airline. However, FDI over 49% would require government approval.
- ✦ IndiGo has successfully sealed the world's biggest ever commercial aviation deal by purchasing 500 Airbus A320 family aircraft worth \$50 billion.
- ✦ Tata Group-owned Air India order 470 passenger aircraft from France's Airbus and American plane-maker Boeing.
- ✦ India's aviation industry is expected to witness Rs 35,000 crore (US\$ 4.99 billion) investment in the next four years. The Indian Government is planning to invest US\$1.83 billion for development of airport infrastructure along with aviation navigation services by 2026.
- ✦ India aims to have 220 new airports by 2025, said , Mr. Jyotiraditya M. Scindia, Minister of Civil Aviation. Cargo flights for perishable food items will also be increased to 30% with 133 new flights in the coming years.
- ✦ Adani Airport Holding (AAHL) has rejected US\$ 250 million in May 2022 for capital expenditure and for the development of six airports that is currently manages. UK group of invest Rs 950 crore (US\$ 135.9 million) in Turbo Aviation's new airlines TruStar.
- ✦ The aerospace and defense composite market in India had a value of some 31.8 million U.S. dollars in 2021. It is forecast that the Indian aerospace and defense composite market size will increase with a compound annual growth rate (CAGR) of 13.1 percent from 2021 to 2027

• GOVERNMENT INITIATIVES

Some Major initiative undertaken by the Government are:

- ✦ In the Union Budget 2022-23: Rs10,667 crore (US\$1.38 billion) has been allocated to the Ministry of Civil Aviation.
- ✦ The RCS (Regional Connectivity Scheme) UDAN scheme which aims to stimulate regional air connectivity has been allocated Rs 601 crore (US\$ 77.52 million).
- ✦ For better execution of the PM-Gati Shakti vision, Mr. Jyotiraditya M. Scindia, Minister of Civil Aviation ask for synergy between the Central and State Governments to build 16 new airports in Madhya Pradesh , Chhattisgarh, Uttar Pradesh, Rajasthan and Maharashtra.
- ✦ The Ministry of Civil Aviation (MoCA) announced that airlines can operate domestic flights without any capacity restriction, effective from October 18, 2021.

Approval from DGCA, Govt. of India (Under CAR-147 basic)



भारत सरकार
GOVERNMENT OF INDIA
महानिदेशक नागर विमानन का कार्यालय
OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION
सफदरजंग हवाई अड्डा के सामने
OPPOSITE SAFDARJUNG AIRPORT
नई दिल्ली - ११०००३
NEW DELHI - 110 003

सं०
No. DAW/TRG/2008/953

स्वीकृति प्रमाणपत्र CERTIFICATE OF APPROVAL

महानिदेशक नागर विमानन, भारत सरकार द्वारा जारी सिविल उडन-योग्यता अपेक्षाएं संख्या 'ई' के नवीनतम अंक के अनुसार कोटि/कोटियों _____ में पृष्ठभाग पर दिए गए स्वीकृति क्षेत्र के अनुसार _____ को स्वीकृति प्रदान की जाती है।

Approval is granted to NDC Institute of Aircraft Maintenance Engineering, Vadodra in accordance with latest issue of Civil Airworthiness Requirements, Series 'E', issued by Director General of Civil Aviation, Government of India, in Category/Categories G as per the scope of approval given on reverse.

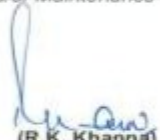
यह स्वीकृति अनुदेशों के अनुसंधित गुणवत्ता नियंत्रण मैनुअल और/या रखरखाव प्रणाली मैनुअल में तथा सिविल उडनयोग्यता अपेक्षाएं संख्या 'ई' में उल्लिखित शर्तों के अनुपालन के अधीन दी गई है।

This approval is subject to the observance of conditions as mentioned in the approved Training Manual/and/or Maintenance System Manual of the grantee and those mentioned in the Civil Aviation Requirements Series 'E'.

प्रमाणपत्र की वैधता पृष्ठभाग पर दी गई है।

The validity of the Certificate is given on Appendix - II

नई दिल्ली, दिनांक _____ २००


(R.K. Khanna)
Director of Airworthiness
(Authorised Signatory)
(प्राधिकृत हस्ताक्षरकर्ता)

Dated New Delhi,
the 14th 07/ 2008



GOVERNMENT OF INDIA
DIRECTORATE GENERAL OF CIVIL AVIATION
BASIC MAINTENANCE TRAINING ORGANIZATION
APPROVAL SCHEDULE

Reference No: DGCA/CAR-147(B)/31

NDC INSTITUTE OF AIRCRAFT MAINTENANCE ENGINEERING

NDC Institute of Aircraft Maintenance Engineering, OPP:
SUMANDEEP VIDHYAPEETH, WAGHODIA ROAD, VADODARA, ,
VADODARA, Gujarat, India, 391760

Location address : OPP: SUMANDEEP VIDHYAPEETH, WAGHODIA ROAD,
VADODARA, , India, 391760

RATING	LIMITATION (AIRCRAFT)
B2	Avionics
B1	B.1.1 AEROPLANES TURBINES

Examination: Not Permitted

This Approval schedule is limited to those trainings and examination specified in the scope of work section of the approved maintenance training organization exposition.

Maintenance Training Organization Exposition reference : Issue 1 Rev 4

MTOE Issue Number : 1

MTOE Issue Date : 02-08-2018

MTOE Revision Number : 5

MTOE Revision Date : 05-05-2022

Date of original Issue: **11-09-2018**

Date of this revision: **21-07-2023**

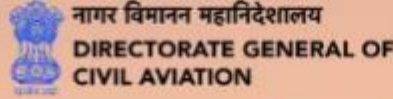
Revision No.: 1

Signature valid
Signed by:  B. Soni
DIRECTOR (AIRWORTHINESS)



NDC INSTITUTE OF AIRCRAFT MAINTENANCE ENGINEERING

Approved by



www.ndcinstitute.com

NDC Institute of Aircraft Maintenance Engineering is the first institute in Gujarat approved by DGCA, Ministry of Civil Aviation, Govt. of India under CAR-147 (Basic) and have modern infrastructure for AME Training. Have decades old reputation of commitments towards quality, dynamic and leadership in the field of Aircraft Maintenance Engineering. Apart from this, now we are giving training to students in Aerospace Sector also as we can see the Indian Aerospace industry growing rapidly. NDC IAME is providing AME course in B-1 (Mechanical Stream) and B-2 (Avionics Stream) with optional B.Tech Aeronautical/Aerospace in collaboration with Parul University (NAAC A++ Accredited University).

Why NDC Institute of AME ?

- ✦ NDC IAME has it's own aircrafts including Learjet-23 fitted with General Electric CJ 610 Turbine Engines, Cessna-150 fitted with Continental O-20 Engine & Power Glider; and having tie-up with leading aviation giants AIESL (Air India), Gujarat flying Club and Indamer Aviation for providing live maintenance exposure to our student on their modern fleet of aircrafts to cover various aspects of airworthiness.
- ✦ NDC Institute also have collaboration with NSSC IIT Kharagpur for the advance research and development in the field of sustainable aviation, unmanned aircraft, drone etc.
- ✦ Apart from this, we have fully air conditioned and OHP fitted high-tech audio visible classrooms, well-furnished Mechanical Workshop, Machine Shop, Airframe System Shop, Composite & NDT Lab, Electrical System Shop, Instrument Shop, Radio Navigation Shop etc. All of these facility is being utilized for day to day theory and practical training of the students.
- ✦ All the faculty members are highly experienced and sharing their full knowledge and experience with the student without any discrimination.
- ✦ Our alumni are well placed in various organizations in India and Abroad, IndiGo Airline, Air India, Fly Docs India, GMR, Emirates Airlines, Air New Zealand, Qatar Airways, Spice jet and many more...

**CLIMB HIGH CLIMB FAR.
YOUR GOAL IS THE SKY,
YOUR AIM IS THE STAR.**

TRAINING PARTNERS



EDUCATIONAL PARTNER
FOR INTEGRATED PROGRAMME



Eligibility : 10+2 Pass with PCM



Facilitation from CM of Gujarat



Receiving Award from Dr. Rajkumar Ranjan Singh (Hon'ble Minister of Education and External Affairs, Govt. of India), Sh. Ramesh Pokhriyal (Ex CM of Uttarakhand) and Sh. Daljit Rana (Member of the House of Lords, Govt. of UK).

Opposite Sumandeep Vidhyapeeth, Waghodia Road, Near Avalon World School, Vadodara, Gujarat-391760 (INDIA)

☎ +91 7874025 251 / +91 7043612836. ✉ E-mail : info@ndcinstitute.com

AIRCRAFT MAINTENANCE ENGINEERING (AME)

The aviation industry is growing at rapid rate. Advanced aircraft are being deployed and new routes are being opened. As per the regulation of DGCA , Ministry of Civil Aviation, Govt. of India, every aircraft needs to be certify for fitness after maintenance and before taking any flight by a licensed AME (Aircraft Maintenance Engineer). No aircraft can fly under normal circumstance without flight release certificate is signed by a licensed AME (Aircraft Maintenance Engineer). B 1.1 Rating License (Turbine Aeroplane) and B2



Rating (Avionics) is most demanding AME license Category in this modern era. If you have completed /Appearing 12th (PCM) or any technical diploma, join full time Aircraft Maintenance Engineering (AME) with B Tech degree integrated Course and add wings to your career.

AERONAUTICAL & AEROSPACE ENGINEERING

Aeronautical Engineering is the branch of engineering dedicated to the design, development, testing, and manufacturing of aircraft, including airplanes, helicopters, and drones. It encompasses everything from the aerodynamics of flight to the materials used in aircraft construction. Aeronautical engineers are the creative minds behind the sleek contours of airplanes, the powerhouses of jet engines, and the precision instruments that keep aircraft soaring safely through the skies.



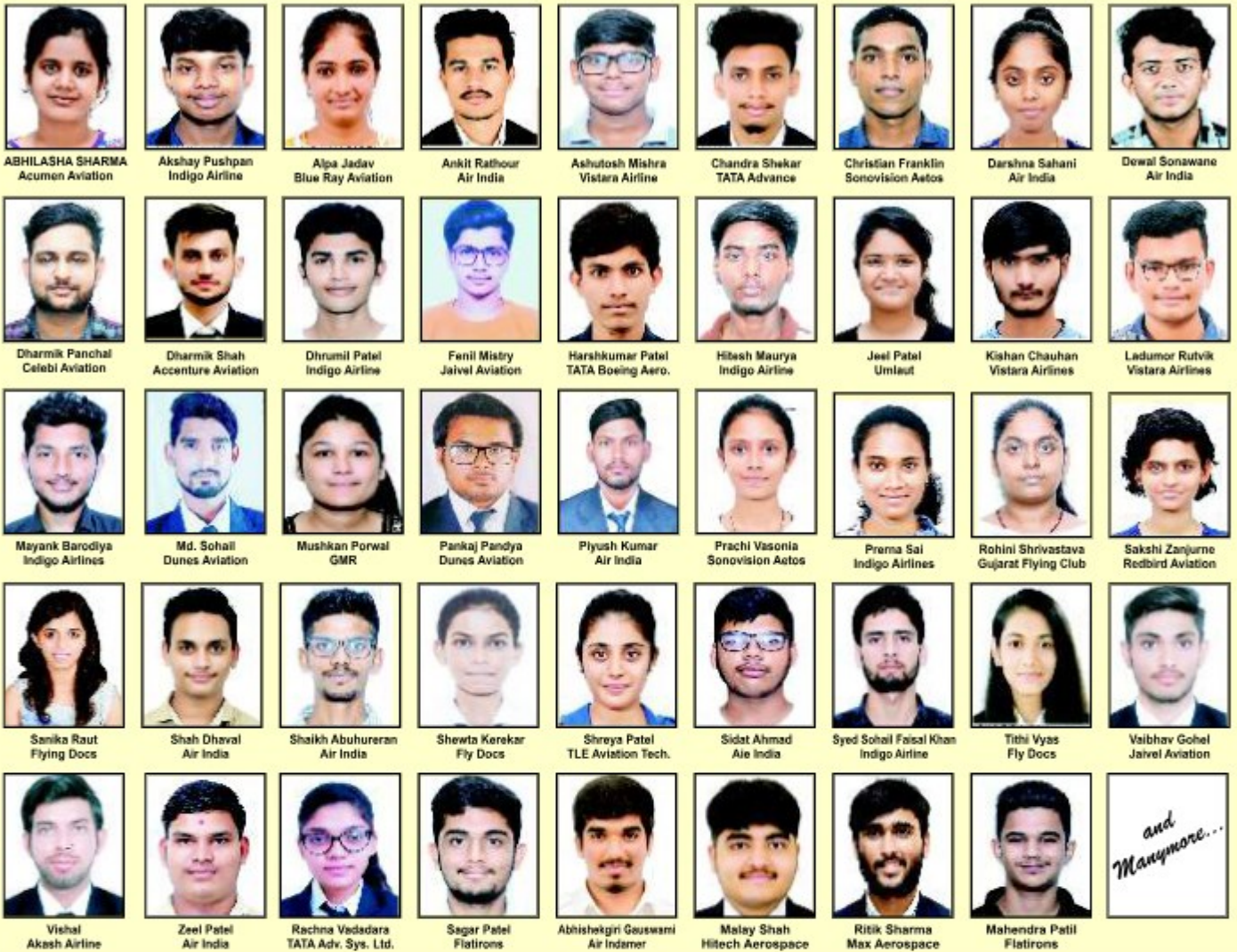
On the other hand, Aerospace Engineering takes flight to the next level. It extends its reach beyond the Earth's atmosphere, encompassing the design and construction of spacecraft, satellites, and other vehicles meant for travel in outer space. Aerospace engineers are the visionaries behind missions to explore distant planets, the technology that keeps astronauts alive in space, and the satellites that connect our global communications network.



Eligibility:- Applicant must have passed 10+2 with Physics, Chemistry and Mathematics with 45% or its equivalent AICTE approved 3 years Engineering Diploma.

ALUMNI

Our alumni are working with various national & international aviation giants. NDC Institute provides best support students for getting placement in various organisations.



CAREER OPPORTUNITY

A career as an Aircraft Maintenance Engineer (AME) is a fantastic and genuine choice for anybody interested in working in the fast growing aviation industry. Positions in the aviation sector are highly visible and provide significant opportunities for growth and it is a good career option. There are numerous opportunity available for AME license holder in domestic and international aviation industry. Some of the Major National and International Aviation Recruiters are....



OUR INFRASTRUCTURE

Campus: NDC Institute of Aircraft Maintenance Engineering is located on Waghodia Road, Vadodara, Gujarat- 391760



OUR CAMPUS

The campus of NDC Institute is very vast and spread and comprised of all the basic facilities, including sport area, hangar etc. The campus offers a great learning environment along with space for various outdoor/indoor games.



OUR AIRCRAFT & HANGAR

our large hangar area which houses Learjet 23 & Cessna 150 Aircrafts for the practical of the students.



WORKSHOP / LAB

NDC Institute have sufficient numbers of Mechanical & Avionics Workshop/Lab for the Demonstration & Practical purpose.



CONTRACTED FACILITY

We have tie-ups with AI (Formerly Air India) Engineering Service Ltd., Gujarat flying Club and Indamer Aviation for the live AMO training of our students.

LIFE AT NDCAIME

Apart from having marvellous infrastructural & facility for Aircraft Maintenance Engineering training, NDC Institute also provide opportunities for better life balance by organising various extra curriculum activities like sport event, Industrial visit, picnic tours, cultural activities including festival celebration etc.



GOVERNMENT PROJECTS

PM MODI LAYS FOUNDATION STONE OF C-295 AIRCRAFT FACILITY



PM Narendra Modi

lays Foundation Stone of C-295 transport Aircraft Manufacturing Facility in Vadodara, Gujarat

On October 30, 2022, the Prime Minister (PM) of India Narendra Modi laid the foundation stone of C-295 Transport Aircraft Manufacturing Facility in Vadodara, Gujarat which will be set up by India's Tata Advanced System Ltd (TASL) and Spain's Airbus Defence and Space.



200+ airports by 2025

India's aviation minister Jyotiraditya Scindia justified the demands for grants for the civil aviation ministry for 2022-23, saying that the government has significant plans for the sector in the coming few years.

Scindia said that the expanding domestic aviation market in the country would require robust infrastructure and that his ministry plans to build 220 new airports by 2025 to fuel that growth. He also highlighted India's growing air cargo industry, saying that cargo flights for perishable food items will be increased to 30%, with 133 new flights in the coming years.

To meet industry demands, his ministry is also looking to create 33 new domestic cargo terminals, 15 new flight training schools for pilots, increase focus on the drone sector, and create more jobs over the next few years.



UDAN Scheme 2022 : All Features, Benefits, Objectives & Implementation Process

The main objective of the UDAN Scheme is to connect small and medium cities with big cities through air service. Under this scheme, cheap and affordable air travel facilities will be made available for the citizens of the country. A lot of citizens will be able to travel through air transport at cheaper fares. The government is going to provide subsidies in order to implement this scheme. This scheme will improve the standard of living in the country. Other than that time and efforts will also be saved. Citizens can travel throughout the country in less time. This scheme will enable all the common citizens of the country to travel by plane. This scheme will also improve employment opportunities throughout the country.

FEST WITH NSSC IIT KHARAGPUR

Space Technology Students' Society, or spA_ts, IIT Kharagpur, in short, is the official student body under Kalpana Chawla Space Technology Cell, IIT Kharagpur. Founded in 2008 by a small group of young and ambitious undergraduate students, spA_ts had humble beginnings. A small club which was founded as a congregation of students who had a common interest called space, spA_ts started off as an ordinary student-run society.



Since its inception, the society has seen multiple changes. From what used to be a normal space discussion forum, spA_ts evolved itself into a professionally run society which hosts a plethora of events along with the first and largest space technology fest in India, the National Students' Space Challenge.

The National Students' Space Challenge (NSSC) is the centrepiece of spA_ts. As the name suggests, NSSC is a national-level fest purely dedicated towards space and space technology. The fest had its start in the year 2011 when the society decided to independently host a fest to provide for a platform to those aspiring engineers and scientists of India who needed an opportunity to showcase their talent. In its inaugural year, NSSC had just one event: Liftoff. This event which is a competition to build the best water rocket with the given specifications still remains the highlight of the fest after 11 long years. Through the years, various other events such as autonomous and manual bot making, space quizzes, case studies and astrophotography among others have been added. Besides the events, the National Students' Space Challenge is also famous for its supremely successful guest lectures, exhibitions and workshops.

The fest sees a huge student participation every year. It has seen a literal exponential rise in its participation from the tens to the hundreds to the thousands within a span of 11 small years. The whole fest is organised and managed completely by the students and also with the support of Kalpana Chawla Space Technology Cell, IIT Kharagpur.

Apart from organising the NSSC, spA_ts indulges itself in various other activities. Every semester it organises at least one open session for sky gazing when everyone in the campus is invited to participate and learn about astronomy in general. It also releases a semesterly periodical called the Moonwalk which discusses all the latest happenings in the field of astronomy and space technology. Thousands of its copies are distributed between the faculty and the student community for free for the sake of spreading awareness. Also, society has a reputation for taking up projects and competing in competitions across the nation. And most importantly, they hold frequent discussions among themselves to dwell deeper into the world of cosmology and astronomy.



NDCIAME Provides Pre-OJT Training to the TATA ADVANCE SYSTEMS LIMITED in Vadodara, Gujarat



NDC Institute of Aircraft Maintenance Engineering provides Pre-OJT to the Technical Manpower for C-295 manufacturing. After successful completion of the training at NDCIAME Vadodara, the trainees will go for further training at Spain.

TASL (Tata Advanced Systems Limited) to manufacture C-295 in collaboration with Airbus Defence. Tata Group Set-up FAL (Final Assembly Line) for C-295 at Vadodara, Gujarat. This will be the first military aircraft to be made in India by a private sector company. The unit will undertake aircraft manufacturing and assembly and will deliver a mission-ready aircraft in transport configuration, equipped with an indigenous Electronic Warfare Suite to the Indian Air Force (IAF). It is the first 'Make in India' aerospace programme in the private sector, involving the development of a complete industrial ecosystem: from manufacture to assembly, test and qualification to delivery and maintenance of the complete lifecycle of the aircraft. It will create more than 15,000 skilled direct and indirect jobs across the aerospace eco-system, with more than 125 suppliers qualified on global quality standards across India. Sixteen aircraft will be delivered in flyaway condition. They are scheduled to be received between September 2023 and August 2025. Remaining forty will be manufactured at the Vadodara manufacturing facility. The first Made in India aircraft is expected from September 2026.



NDC IAME & spAIts, IIT-Kharagpur Presents



National Aero Tech Fest - 2025

In Association with



NATIONAL STUDENTS'
SPACE CHALLENGE
IIT KHARAGPUR

NATF-2025

Workshop Month : **April, 2025**

Workshop Venue :

Waghodia Road, Opp. Sumandeep
Medical Vidyapeeth, Near Avalon World School,
Vadodara-391 760 (Gujarat) India.

www.ndcinstitute.com

info@ndcinstitute.com

For enquiry call : 9825366787, 9825722787, 7874025251