



ABOUT GSV

Gati Shakti Vishwavidyalaya (GSV) in Vadodara, Gujarat, is a central university focusing on multidisciplinary education and research in transportation and logistics. Established in 2022 and previously known as the National Rail and Transportation Institute, it operates under Ministry of Railways. GSV is aligned with the government's PM Gati Shakti initiative, aimed at improving infrastructure, connectivity, and economic growth.



GATI SHAKTI VISHWAVIDYALAYA

Lalbaugh, Vadodara, Gujarat

(A Central University Under Ministry of Railways, Govt of India)

EXECUTIVE TRAINING PROGRAMME

On

Flight Operations Engineering (Basic Course)



DECEMBER 09-13, 2024

Organized by

Aviation Engineering Department



AITD - Asian Institute of Transport Development
205 Delhi Rd, Sector 9, Dwarka,
Delhi, 110075

The university offers programs in engineering, logistics, supply chain management, emphasizing sustainable and advanced transport technologies. Through its collaboration with industry and government agencies, GSV aims to develop a skilled workforce ready to tackle the growing challenges in India's transportation and logistics sectors.

Objectives

The Flight Operations Engineering course is designed to equip the students with the knowledge and skills needed to manage and optimize aircraft operations. Below are the key objectives of this course:

- Understanding Aircraft Performance and Operational Efficiency
- Airline Operations Management
- Aviation Regulations and Safety
- Flight Planning and Dispatch
- Risk Management and Use of Aviation Technologies
- Environmental and Sustainability Awareness

Key Topics Covered in the Programme

- 1: Introduction to Performance Concepts and Basic Knowledge
- 2: Aerodrome Minima (LVTO,CAT II, CAT III) (ICAO Doc 9365), Special Operations
- 3: Weight & Balance and payload calculations
- 4: Route & Terrain Analysis, and Performance Monitoring
- 5: Flight Planning (Basic & Advanced & Min. Fuel Requirements).
- 6: Introduction to Performance Engineering softwares, Noise Computation, and Advanced Systems
- 7: GPS, GNSS, and Advanced Navigation Techniques

The sessions will be conducted by professionals with industry expertise:

Instructor details

Areas of Expertise

Mr. R. Venkateshan Chief of performance and navigation, Monitoring operation performance, Aircrat evaluation, Route planning with ETOPS operations, CAT II and CAT III, RNAV, RVSM and RNP Procedure.

Mr. Sanjeet Dube Over 36 years of rich experience in Flight operations, Crew Management, Coordination/MIS, Jeppesen Manual, ICAO annexure, AIP, AIC for generating flight plans.

Who can attend the course:

- Flight Dispatcher license or approval holder (ICAO recognised)
- Commercial Pilots' License or Air Transport License holder (ICAO recognised)
- Flight Navigator License holder or Retired Flight Navigator from Air Force or Navy
- Any MTech or BTech degree holder
- Any BSc in Maths or Physics

Certificate of completion will be awarded to candidates who pass all the modules defined by Gati Shakti Vishwavidyalaya (Central University)

REGISTRATION DETAILS

Interested participants are requested to follow the steps mentioned below in order to register for the Program:

Step 1 Fill the registration form.

<https://forms.gle/gNo9GkXypEBktnZe9>

Step 2 Pay Registration Fee Rs. 30,000/- (Fees include course material, lunch, and refreshments). Payment can be made through QR code or bank details:)



- 1) Account Number : 775302010003856
- 2) Account Holder Name : Gati Shakti Vishwavidyalaya
- 3) IFSC Code : UBIN0577537
- 4) Swift Code : UBININBBIBR (For International Transaction)
- 5) Bank : Union Bank of India
- 6) Branch Address : Makarpura,Vadodara.

This transaction ID and the screenshot is to be filled in the registration form. This fee is non-refundable.

For any query contact: Dr. Ravikumar K N,- 9844620044
or email at (aviation.et@gsv.ac.in)

Note- Limited seats are available. Registration will close as soon as the seats are filled. 100% attendance is compulsory for getting the certificate.