



# PROPOSAL

*to Setup*

## GV TEST PREP CENTRE

(Aviation Sector)

**Gyan Vitaranam Scholarship International Pvt. Ltd.**  
D 268 , TTC Industrial Estate, Turbhe, Navi Mumbai (Maharashtra)





**GYAN** ज्ञान वितरणम्  
**VITARANAM**

Enlightening Teens & Youth

[www.gyanvitaranam.com](http://www.gyanvitaranam.com)

**UNITED  
STATES OF  
AMERICA**



**UNITED  
KINGDOM**



**INDIA**

**FRANCE**  
\*upcoming



**UAE**  
\*upcoming







# Preface

Gyan Vitaranam Group is dedicated to introducing prospective job-oriented courses through their various activities and channels. These include educational magazines, educational events, seminars, webinars, and online portals. As a crucial next step in this endeavor, our GV Test Prep Centre is actively preparing intermediate and 10+2 students for a comprehensive range of entrance tests, aptitude assessments, and scholarship examinations. These are tailored to meet the rigorous requirements of specialized courses that are often lesser-known to the general public.

For GV Test Prep Centre, this time we have turned our focus to the highly demanding field of Aircraft Maintenance Engineering. This program delves into the intricacies of aircraft maintenance, repair, and the critical task of ensuring their airworthiness. Licensed Aircraft Maintenance Engineers are the skilled professionals who diagnose, repair, inspect, and rectify any issues within aircraft and their components, guaranteeing their safety before takeoff. The curriculum consists of a three-year academic program followed by practical training conducted in real-world settings, primarily at Maintenance, Repair, and Overhaul (MRO) organizations.

In accordance with the Indian Aircraft Act of 1934 and the rules established under it, it is mandatory that Indian Registered aircraft under Civil Aviation be certified by a licensed Aircraft Maintenance Engineer (AME) under the Directorate General of Civil Aviation (DGCA) before they can take flight. These licensed AMEs affirm the airworthiness and safety of the aircraft. To obtain an AME license, individuals must undergo a licensing program in compliance with DGCA regulations.

Even if a student possesses a degree such as BSc, BE/B.Tech, ME/M.Tech, or a PhD in Aviation, Aeronautics, or Aerospace, they still need DGCA AME License to certify Indian registered aircraft, as stipulated in CAR-66 regulations. Only a licensed Aircraft Maintenance Engineer (AME) has the authority to declare an aircraft fit for flight.

As per the rule 60 of Aircraft Rule 1937, derived from Aircraft Act 1934, passed by Indian Parliament, Any aircraft engaged in public transport including aerial work and flying training shall not be flown unless ;

- it has been maintained in accordance with such requirements as may be specified by the Director-General of Civil Aviation, Govt. of India,
- maintenance of aircraft has been carried out by or under the supervision of a person licensed or authorised under rule 61, or authorised in writing by an approved maintenance organisation in accordance with the criterion specified by the Director-General of Civil Aviation, Govt. of India; and
- all maintenance carried out has been certified by appropriately licensed engineers or authorised persons within the period specified by means of such a 'certificate' as may be prescribed by the Director-General.

Attaining an Aircraft Maintenance Engineering license entails a comprehensive course of study coupled with hands-on maintenance experience at MRO facilities. Given the technical nature of this course, the availability of robust technical infrastructure is as vital as academic resources. This is why the Gyan Vitaranam Group has chosen the Sha-Shib Group, a global leader in the field of aircraft maintenance engineering training with their own MROs along with the additional mandatory tie-ups as mentioned in MTOE(Of CAR 147Basic) with different renowned MROs

Sha-Shib Scholarship and Aptitude Test (SSAT) is a nationwide examination designed for students seeking admission in various fields, including Aviation, Science & Management, and Engineering. The Gyan Vitaranam Group, through its GV Test Prep Centres, offers coaching classes to assist students in successfully clearing the SSAT and gaining admission to these prestigious AME program, framed under an Aircraft ACT passed by the Indian parliament.



# Our Pursuit

## Igniting Young Minds

In today's fast-paced and competitive educational landscape, the pursuit of academic and professional success relies on a dedicated mentor who plays a crucial role in shaping individuals' futures. We envision a future where every individual has the opportunity to unlock their full potential through exceptional support at their foundational stage. We understand that the journey towards academic and career success can be challenging, but it is our belief that with the right guidance and resources, anyone can achieve their aspirations.

Gyan Vitaranam Group International invites mentors to join us on a journey of academic empowerment, individual excellence, and career advancement. We are preparing aspiring candidates for specific scholarship and aptitude examinations conducted by various reputable national and international organizations, enabling their admission to the latest trending courses. We achieve this through targeted preparatory classes offered at our Test Prep Centres located across the country

What sets us apart is our unwavering commitment to excellence, a personalized approach to learning, and a steadfast dedication to the success of our students. We are more than educators; we are partners on the path to students' achievement.

Recognizing the importance of specialized test prep centers and the need for comprehensive, accessible, and results-driven test preparation, we are thrilled to introduce GV TEST PREP CENTRE, powered by Gyan Vitaranam Scholarship International Pvt. Ltd. As a dedicated and innovative test prep center, we are on a mission to empower students with the tools, knowledge, and confidence they need to excel in these scholarship and aptitude examinations.

Guiding the younger generation to rewarding career options of their preference is one of the most challenging and responsible tasks in today's world. From the very beginning, Gyan Vitaranam Group has been associated with reputed educators to spread awareness among the youth about prospective and latest courses, world-class educational institutions, national and international placement opportunities, scholarship examinations, and many more through different type of activities. We would like to continue this process with even more potential.

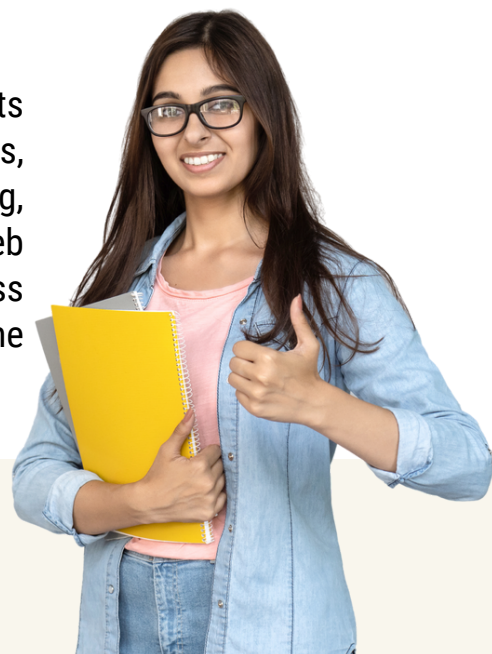
We hope you understand our commitment to the noble cause of enriching the lives of the young generation. We look forward to welcoming you as an esteemed GV TEST PREP CENTRE of Gyan Vitaranam Group and guiding aspiring students to score high in specific examinations to secure maximum scholarships for admission in their chosen courses.



# Enlightening Teens and Youth

Gyan Vitaranam Group International proudly spans across India, the UK, the USA, the UAE, and beyond. Our mission is simple yet powerful: to nurture the young generation by delivering timely, invaluable information.

Gyan Vitaranam strives for the enlightenment of the students by creating awareness about various courses, institutions, employment prospects, scholarships, health & wellbeing, sports & competitions, etc. through its magazines, web portals, workshops, seminars, webinars, career awareness programs, GV Test Prep Centres etc. worldwide under the forum Educational Locus.



## OUR CORE EXPERTISE & SERVICES

### Publications

At Gyan Vitaranam Group, we firmly believe that knowledge is the key to unlocking your potential and shaping a brighter future. That's why we take great pride in introducing our range of magazines and journals available in English, Hindi, Malayalam, and other Indian languages. These magazines are meticulously designed to inspire, inform, and empower the young minds of India.

### Web Portals

Gyan Vitaranam offers web directories covering a range of educational fields, including engineering, medicine, law, aviation, marine, and more. Additionally, we provide students with career development solutions through various web platforms. Our web platforms stand as an invaluable resource for students aspiring to embark on their career journey post +2.

### Educational Events

At Gyan Vitaranam, we host a diverse array of educational events, including career development seminars, workshops, award ceremonies, educational conferences, and education fairs. These gatherings serve as an elevated platform for students and institutions to derive mutual benefits. Our events foster knowledge sharing and innovation within the education sector, bringing together thought leaders, practitioners, and a diverse audience to explore new horizons in education.

### Sports & Cultural Activities

Gyan Vitaranam organizes interschool, intercollege, and inter-university competitions in various sports and arts at district, state, national, and international levels. Our programs aim to encourage young talent, offering them a platform to showcase their skills, gain recognition, and network with others. We understand the importance of providing opportunities for aspiring talents to grow and flourish, and we endeavour to establish a creative and innovative environment.

# Our Endeavoring

Our primary goal is to establish connections with 1,500 reputable coaching centers nationwide, transforming them into GV Test Prep Centers. Accordingly, a legal agreement will be executed between Gyan Vitaranam Scholarships International Pvt. Ltd. and the concerned coaching centers to benefit both students and coaching centers. This agreement will enable the delivery of necessary knowledge and awareness about specific courses, their future prospects, and provide essential training for these courses. It will also empower students to participate in various scholarships, entrance exams, and aptitude tests conducted by nationally and internationally recognized organizations.

The outcome of this collaboration will enhance the student community's understanding of various recognized and reputable courses with promising employment opportunities in both the national and international markets. These centers specialize in providing focused coaching and training that aligns with industry specifications, helping students pass scholarship and entrance examinations and reap the benefits.

The value of a GV Test Prep Center is evident in its capacity to provide valuable educational services to individuals seeking to excel in standardized tests and advance their academic and career aspirations. Our centers offer a tailored approach to ensure that students are well-prepared for their targeted examinations and the industries they are interested in.

GV Test Prep Centers are dedicated to making test preparation accessible to students from diverse backgrounds. We aim to level the playing field, ensuring that educational opportunities are available to all, regardless of their circumstances.

## OUR MISSION

At GV Test Prep Centres powered by Gyan Vitaranam Scholarship International Pvt. Ltd., our mission is to empower individuals with the skills and confidence needed to excel in standardized testing. We provide exceptional test preparation services that foster academic excellence, personal growth, and career success.

## OUR VISION

Our vision at GV Test Prep Centres is to be a globally recognized leader in test preparation, setting new standards of excellence through our unique blend of industry-driven innovation and educational expertise. We envision a future where individuals from all backgrounds have equal access to outstanding test preparation, elevating their test scores and transforming their lives.





# SHA-SHIB SCHOLARSHIP CUM APTITUDE TEST

Sha-Shib Scholarship and Aptitude Test (SSAT) is a nationwide entrance examination for students seeking admission in various fields, including Aviation, Science & Management, and Engineering. This test is proudly supported by the Sha-Shib Group of Institutions (SSGI). Its primary goal is to identify promising candidates for their chosen courses and provide scholarships based on the terms and conditions outlined by SSAT. The Sha-Shib Group offers these scholarships across its diverse campuses throughout India.



# SSAT

Sha-Shib Scholarship and Aptitude Test (SSAT) serves as a gateway, both nationally and internationally, for students seeking admission in UG/Licensing programs after completing 10+2/Diploma. It enables them to secure spots in the finest colleges and institutions based on their SSAT-24 ranking. The core essence of SSAT-24 lies in its profound ability to identify the most suitable candidates, selecting them for their preferred courses while also providing financial assistance through scholarships, in accordance with SSAT's terms and conditions.

It offers an exceptional opportunity for candidates to pursue studies in a range of captivating disciplines, including Aircraft Maintenance Engineering (AME), Aeronautical Engineering, Commercial License, Computer Science Engineering, Electronics & Communication Engineering, Mechanical Engineering, Civil Engineering, AME with a dual course graduation, and more. These programs are expertly curated by institutes under the umbrella of SSGI.

In essence, SSAT-24 stands as a key that unlocks doors to educational excellence and professional growth. It is an exciting journey towards realizing dreams, gaining knowledge, and embarking on a path towards success, all made possible through the guidance of SSAT and the opportunities provided by the Sha-Shib Group.

# WHY CHOOSE SSAT?

SSAT is a significant initiative that bridges the gap between talent and opportunities. It identifies and rewards talented students, supports their educational pursuits, and ultimately contributes to the development of skilled professionals in critical sectors such as aviation and engineering. This test serves as a testament to the commitment of the Sha-Shib Group of Institutions in fostering educational excellence and nurturing the next generation of leaders in these fields.



Here are some compelling reasons why students should opt to take the SSAT:

01

**Gateway to Admission at the Institutions of South Asia's Largest Group for AME Training:** Successful candidates in SSAT can secure admission to UG/Licensing programs after 10+2/Diploma, not only at national institutions but also internationally. It opens doors to prestigious institutions based on merit.

02

**Identification of Talent:** SSAT has been designed to identify and recognize talented among students aspiring to pursue fields such as Aviation, Science & Management, and Engineering. It provides a platform to discover individuals with the potential to excel in these areas.

03

**Nationwide Reach:** This examination is conducted nationwide, making it accessible to students from various regions and backgrounds across India. It ensures that deserving candidates from all corners of the country have an equal opportunity to showcase their abilities.

04

**Scholarship Opportunities:** Sha-Shib Group offers scholarships to deserving candidates based on their performance in SSAT. These scholarships are offered in terms of Fee Concession at the Institutions run by the Sha Shib Group. SSAT is a testament to the commitment of the Sha-Shib Group of Institutions in supporting the educational aspirations of talented students.

05

**Guided Path to Success:** SSAT not only identifies talent but also guides students toward their academic and career goals. It assists them in making informed choices about their educational journey.

06

**Diverse Course Options:** The test paves the way for students to pursue a wide range of academic disciplines, including Aircraft Maintenance Engineering, Aeronautical Engineering, Commercial Pilot License, Airhostess Training and more. It provides options that align with various interests and career goals.

07

**Collaboration with Reputed Institutions:** SSAT facilitates admission to institutions under the Sha-Shib Group, which is known for its excellence in education and training in the fields of aviation and engineering. These institutions offer high-quality programs and training.

08

**Promotion of Educational Excellence:** By providing scholarships and opportunities for higher education, SSAT promotes educational excellence and encourages students to strive for academic and career success.





# WHY GV TEST PREP CENTRE?

GV Test Prep Centre can play a pivotal role in helping individuals achieve their educational and career goals, providing them with the support, resources, and expertise needed to succeed in standardized testing. Whether for students, professionals, or education providers, such centres can serve as valuable assets in the pursuit of various courses of both national and international reputation.

Here are some reasons why a GV Test Prep Centre could be valuable:

**Enhancing Awareness of Prospective Courses Worldwide:** GV Test Prep Centres aim to provide teenagers and young adults with valuable insights into a wide array of entrance examinations, scholarships, and aptitude tests offered by various educational institutions, regulatory bodies, and universities—both nationally and internationally. This extends beyond the examinations already familiar to students, shedding light on emerging courses and opportunities.

**Comprehensive Understanding of Courses, Structures, and Future Prospects:** Through GV Test Prep Centres, students will gain a deep understanding of various courses, their future prospects, and the financial benefits associated with them. This knowledge will empower them to secure admissions in specific colleges or groups of institutions, transcending the usual courses prevalent in the industry.

**Comprehensive Test Preparation:** GV Test Prep Centres are dedicated to preparing students for a wide range of standardized tests, ensuring that individuals receive the guidance and resources needed to excel in these assessments.

**Diverse Student Needs:** Standardized tests are required for various purposes, including college admissions, graduate school applications, professional certifications, and career advancement. A GV Test Prep Centre can cater to the diverse needs of students pursuing different paths.

**Expert Instructors:** These centres typically employ experienced instructors who are well-versed in the content and format of standardized tests. They can provide valuable insights and guidance to help students succeed.

**Personalized Approach:** GV Test Prep Centres often offer personalized study plans and tailored support to address each student's unique strengths and weaknesses. This individualized approach can significantly enhance the effectiveness of test preparation.

**Access to Resources:** These centres provide access to a wealth of study materials, practice tests, and resources that can be expensive or challenging to obtain independently.

**Structured Learning Environment:** A GV Test Prep Centre provides a structured learning environment, helping students stay focused and organized in their test preparation journey.

**Community and Collaboration:** Students at GV Test Prep Centres can engage with peers who share similar goals, fostering a sense of community and collaboration.

**Competitive Advantage:** Excelling in standardized tests can provide a competitive advantage in college admissions and career advancement. A GV Test Prep Centre can help students stand out.

**Opportunities for Growth:** Establishing a GV Test Prep Centre can be a business opportunity for education providers and institutions, allowing them to expand their services and reach a broader audience enabling the aspiring students to explore various other job oriented courses worldwide.

# SSAT SYLLABUS & PATTERN

## EXAM PATTERN

Mode	Online / Offline
Syllabus Pattern	<ul style="list-style-type: none"> <li>Section A (Mathematics &amp; Statistics) : 20 Questions</li> <li>Section B (Physics) : 20 Questions</li> <li>Section C (Chemistry) : 20 Questions</li> <li>Section D (General Awareness) : 30 Questions</li> </ul>
Total Questions	90
Total Time Allocated	90 Minutes
Question Type(s)	Discrete; MCQs with four options

## SSAT SYLLABUS

### Section A (Mathematics & Statistics)

- Algebra
- Three-Dimensional Geometry
- Calculus
- Coordinate Geometry
- Trigonometry
- Binomial Theorem and its Applications
- Statics and Probability
- Sequence and Series

### Section C (Chemistry)

#### Physical Chemistry

- Basic concept of chemistry
- Chemical thermodynamics Solution
- State of matter
- Equilibrium electrochemistry
- Atomic structure
- Surface chemistry
- Chemical bonding and molecular structure

#### Inorganic Chemistry

- Basic concept of chemistry
- Hydrogen
- Block elements
- Environmental chemistry

### Section B (Physics)

- Physical World & Measurements
- Oscillations & Waves
- Kinematics
- Electrostatics
- Laws of Motion
- Magnetic Effects of Currents & Magnetism
- Work Energy & Power
- Electromagnetic Induction & Alternating Currents
- Gravitation
- Thermodynamics
- Electromagnetic Waves
- Behaviour of Perfect Gas & Kinematic Theory
- Atom Molecule & Nuclei
- Electromagnetic Device

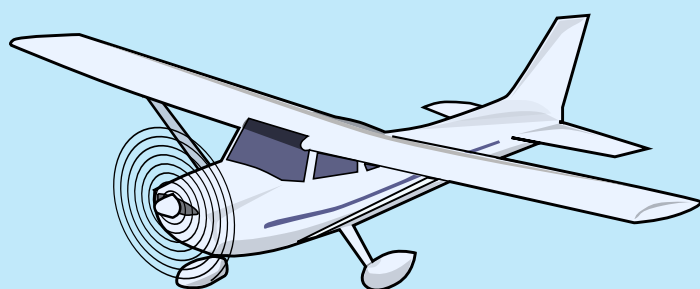
### Section D (General Awareness)

#### General Knowledge - Aviation

- Introduction to Aviation
- Aviation Vocabulary and Terminology
- Governing Aviation Authorities
- Aviation Laws & Regulations
- Type of Companies Under Aviation Industry
- Responsible Personnel in Aviation Industry
- Indian Aviation Policies
- Type of Aircraft Operation
- Aviation Statistics

#### General English

- Reading Comprehension:
- Sentence Completion
- Error Detection and Correction
- Fill in the Blanks
- Active and Passive Voice
- Direct and Indirect Speech
- One-word Substitution
- Antonyms and Synonyms
- Essay Writing
- Spelling Check







**SHA-SHIB GROUP**  
EMPOWERING KNOWLEDGE THROUGH VISION



## Institutes for Aircraft Maintenance Engineering (AME)

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



Institute of Aeronautics & Engineering, Bhopal



Academy of Aviation & Engineering, Bengaluru



Hindustan Aerospace & Engineering, Pune



Indian Aerospace & Engineering, Navi Mumbai



Utkal Aerospace & Engineering, Bhubaneswar



Sha-Shib Aviation Academy, Cochin



Sha-Shib Flying Academy, Guna



Aerospace Research and Development Center, Jamshedpur



Sha-Shib Aerospace Engineering, Gurugram

## Institutes for Bachelor of Technology (B.Tech)

Approved by AICTE and affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya



Sha-Shib College of Technology, Bhopal

## Institutes for Bachelor of Engineering (B.E.)

Approved by AICTE, New Delhi, Govt. of India and Affiliated to VTU



Sha-Shib College of Engineering, Bangalore

## Institutes for Applied Science and Management

Approved by AICTE and affiliated to Barkatullah University



Sha-Shib College of Science & Management, Bhopal



Sha Shib College, Bengaluru



Hindustan Aerospace & Engineering, Pune



S S Degree College, Chikkaballapur

## Institutes for Air Hostess and Ground Staff Training



Quetzal Air Hostess & Hospitality Academy, Mumbai

Quetzal Air Hostess & Hospitality Academy, Pune

Quetzal Air Hostess & Hospitality Academy, Bhopal

## Institutes for Commercial Pilot Licence Training

Approved by DGCA, Govt. of India



Sha-Shib Flying Academy, Guna (MP)

## Upcoming Flying Training Organisations : Ratlam, Chhindwara

## Accreditations & Approvals of participating Institutions



Directorate General  
of Civil Aviation



All India Council  
For Technical  
Education



University Grants  
Commission



Rajiv Gandhi  
Proudyogiki  
Vishwavidyalaya



Vishvesvaraya  
Technological  
University



Barkatullah  
University



Bengaluru  
North University

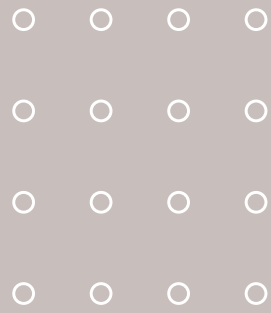


Bangalore City  
University





Savitribai Phule  
Pune University






GET IN  
TOUCH

 +91 98674 07683

 [info@gyanvitaranam.com](mailto:info@gyanvitaranam.com)

 [www.gyanvitaranam.com](http://www.gyanvitaranam.com)