

# Information Brochure



An Inspirational  
Academic Experience  
At A Leading  
Aeronautical School





## ABOUT LNVM SOCIETY GROUP OF INSTITUTES

If you have picked up a copy of this prospectus you have chosen the right road to a bright future/career. I believe that the course you choose should be the one which will help to prepare you for the competitive world of work.

We are passing through an Industrial Revolution, where gold is being exchanged for machines. Every nation in the world has accepted industrialization as the best means of national advancement and prosperity.

To meet the huge demand for knowledgeable, job oriented and qualified technical personnel to plan, execute and maintain the various projects and industries, there is a great need for well trained engineers and technicians. A wide variety of opportunities exists in the various fields of engineering viz. Civil, Electrical, Mechanical, Electronics, Automobile and Aeronautical Engineering are a few to mention.

The School of Aeronautics (SOA) was established in 1992. Initially we started with correspondence course in Aeronautical Engg., (A.M.Ae.S.I. Equivalent to B.E. Aeronautics). Then in 1994 we started Regular Course / Part Time Preparatory Classes for the same. Management of the LNVM Society decided to start School of Engineering and Technology (SET) in 1996 under which Regular / Part Time Preparatory Classes for Electronics and Telecommunication Engineering Course (A.M.I.E.T.E. Equivalent to B.E. Electronics and Telecommunication) were started. Regular / Part time Preparatory classes for Mechanical Engineering (C.Engg.) Examination were started from July 1999. Management of LNVM Society decided to start Aircraft Maintenance Engineering Course after approval from DGCA in 2000. In 2001, School of Aeronautics got it's approval from DGCA. From School of Aeronautics, total of 21 batches have cleared their courses. We will be inducting batch XXV and XXVI in July 2013. In 2006 School of Engineering and Technology got the approval from Director General of Civil Aviation Ministry of Civil Aviation, Govt. of India for imparting Aircraft Maintenance Engineering (AME) in Avionics Stream. School of Aeronautics (Neemrana) was established in 2008 and got its approval from DGCA in July 2008 for imparting abinitio training in the field of Aircraft Maintenance Engineering. In 2012 School of Aeronautics (Neemrana), got approval from AICTE for B.Tech. (Aeronautical and Aircraft Maintenance Engineering).

The basic objective of establishing LNVM Society is

- i. to meet an ever increasing demand for competent engineers and technocrats for executing various industrial projects in private and public sectors in India and abroad.
- ii. to disseminate the knowledge of Aeronautical Sciences, Aircraft Engineering and other engineering professional fields.

Towards this aim, therefore, a team of dedicated engineers, instructors came forward and put their whole hearted efforts to evolve a system on an entirely different basis, away from the present.

Laxmi Narain Verma Memorial Society Group of Institutions aim at imparting quality education in the fields of engineering, aviation and computers.

## ABOUT Mr. Laxmi Narain Verma



We have simply received his blessings by being in right place at the right time. We are then custodians of the financial resources that have been bestowed upon us and, as such, we should deploy them for the benefit of mankind to the best of our ability. Our mission is to provide opportunities for young people who are in need of education so they can forge a better future for themselves. We seek to improve our formative years through infrastructural improvements and ultimately, the quality of our educational experience.

Mr. (Late) Laxmi Narain Verma, an eminent and visionary IRS Officer, who lived an honest and dedicated life, was having a very high vision to help the nation, by educating the youth of the country. Due to his restrictions he was unable to start any organization to help the needful. Taking care of his vision and blessings, Mr. C.C.Ashoka, formed Laxmi Narain Verma Memorial Society, in his loving memory, with the main objective of dispersion of knowledge in the field of Aeronautical Sciences, Aircraft Engineering and other Engineering professional fields.

The Society was also established with the objective of development of social, educational and intellectual level of boys & girls. The Society also aims to develop new institutions for imparting higher education.

# Location

Corporate Office of LNVM Society Group of Institutions is located at H-974, Palam Extension, Part 1, Near Sector-7, Dwarka, New Delhi-110077, at a distance of about two kilometer from Palam Railway Station and Sector-9 Metro Station.

These Institutions are located ideally for students arriving by bus from any part of State of Delhi.

Candidates arriving for the first time may hire a taxi or auto rickshaw (from New Delhi or Delhi Railway Station) and proceed via Dhaula Kuan, Parade Ground Road to Dwarka. The taxi fare may be about ₹ 300/- & that of auto rickshaw about ₹ 200/-. One can also avail of the facilities of Delhi Metro Upto Sector-9, Dwarka and take a rickshaw or metro feeder bus upto Institute (Near Ramphal Chowk).

For the information of candidates arriving by flight, corporate office is at a distance of 5 km, from the International as well as Domestic Airport.

New students may report in the office only between 10.00 A.M. to 5.00. P.M to complete admission formalities.

Bank Drafts should be drawn in favour of SCHOOL OF AERONAUTICS, payable at NEW DELHI or SCHOOL OF AERONAUTICS (NEEMRANA), payable at NEEMRANA, RAJASTHAN as the case may be.

LETTERS SHOULD BE ADDRESSED TO  
THE DIRECTOR

**SCHOOL OF AERONAUTICS / SCHOOL OF AERONAUTICS (NEEMRANA)**

H-974, Palam Extn, Part 1, Near Sector-7, Dwarka, New Delhi - 110077.

Ph. : 25084354; 25074384

E-mail: ccashoka@gmail.com

# Neemrana Campus



ACTUAL PHOTOGRAPH

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# Message from the Director



To meet the challenges of the ever-changing world, the one and only resource that we can safely and constantly turn back to is human resource. Just as man turns inward to find strength and vigor to battle the vagaries of life, the nation has to turn and look to manpower for development.

In an endeavour to empower the human resource with the necessary education, the Laxmi Narain Verma Memorial Society Group of Institutions prepares the young citizens of today to meet the future confidently.

With dedicated and high-calibre professional expertise, the institution imparts the best of theory and practical knowledge and sends forth professionals of every discipline into the global society.

It is my privilege to welcome the fresh batch of students and I can assure, that they are in an institution which would help them to be at the forefront of technological revolutions. They can be confident of their competence and their quality standards, also of their integrity and their ability to deliver. Because these are the hallmarks of the various institutions in the Laxmi Narain Verma Memorial Society Group of Institutes.

Er. C.C. Ashoka

## Message from the Dy. Director

Going to School of Aeronautics (Neemrana) should be a career and life enhancing experience. We believe that, here at School of Aeronautics (Neemrana), we have the right balance, with excellent teaching matched by an enviable quality of life.

By choosing to study at School of Aeronautics (Neemrana) you will join a friendly and lively community. The academic environment is top-class and provides an ideal foundation for your personal and professional development.

This institution has been rendering service since 20 years in the field of education and enlightening the lives of youngsters. It is one of the most sought after Engineering Institutions in India, reputed for its high level of academic excellence, excellent infrastructure for curricular, co-curricular activities, sports and recreation facilities.

The momentum we have gained as one of the most ambitious, research-led aviation school has made us a choice for a great many talented students, and the increase in applications to study here are a clear indication of our growing success.

Students choose our aviation school because we offer access to quality education and challenging career paths. We aim to produce graduates who have the knowledge and skills to play significant roles in the Global Community.

Let us help you climb new heights in your dreams and aspirations to create a first-class future for yourself.

Welcome to a rewarding experience at School of Aeronautics (Neemrana).

Ms. Vijay Lakshmi



## Message from the Member



At School of Aeronautics (Neemrana) we believe that the rights and privileges of education bring a responsibility to make a good use of knowledge, to change the world for the better and to help ensure that succeeding generations have the same opportunities to grow, to excel and to set benchmarks. Education is a gift that one generation gives to the next. Indeed, this aviation school owes its existence to our Founder Director Mr. C.C. Ashoka's generosity and commitment to help future generations.

Here you are surrounded by astonishing resources: fascinating fellow students from all over the country, a learned and caring faculty, a magnificent library, superb athletic facilities and student organizations covering every conceivable interest - the performing arts and community service among them. You will have complete freedom to explore, learn about new subjects, meet new people, and pursue new passions. I want to encourage you, in every way that I can, to make the most of this rare and unique opportunity.

You will not only emerge as a more broadly educated person, but you will also stand a better chance of discovering an unsuspected passion that helps to shape the future course of your life. Each of the scholarly disciplines provides a different perspective on human experience; each allows you a different window on our accumulated knowledge of nature and culture; and each, quite literally, allows you to see the world with a different perspective.

In engineering, we have unprecedented opportunities to develop new materials, new aeronautical devices and new sources of energy. One of the virtues of studying science and engineering at a place like School of Aeronautics (Neemrana) is that you can practice science and engineering while you study it; you can work in research laboratories alongside your professors on problems at the very frontier of knowledge.

I welcome you to search the never ending arch of amalgamated knowledge, walk the untrodden path of seizing opportunities never thought of and be the beacon for the generations to come.

I welcome you to School of Aeronautics (Neemrana) the ocean of opportunities.

Er. D. Pattanayak



# The Vision

To make every man a success  
and no man a failure.

## The Mission

To provide every individual with a conducive environment suitable to achieve his/her career goals with a strong emphasis on personality development and to offer the academically inclined resources to gain quality education in all spheres of engineering, applied sciences and management, without compromising on the quality and code of ethics of each student of the institution.

To achieve this mission the institution offers a well planned course structure, aesthetically built building, well furnished class rooms, library, workshops and sport facility, an ideal environment for pursuit of a professional career.

The mission is being accomplished in the sense that in most courses a good percentage of result is maintained

# Instructional Pattern

Followed by  
LNVM SOCIETY GROUP OF INSTITUTES

1

Class Room Instructions

2

Assignment

3

Fortnightly Class Test

4

Debriefing of Class Tests

5

Class Room Instructions

6

Assignment

7

Monthly Tests

8

Debriefing of Monthly Tests

9

Procedure 1 to 8 Continues for five months followed by revision

10

Semester End Examination

11

End of Semester

# Faculty



## **Dr. Birendra Rai**

Ph.D, M.E., MBA, FIT, FIETE, CE(I)

## **Dr. Vijay Shankar Bajpai**

Ph.D, M.Tech., LLB, MBA

## **Dr. Balraj Gupta**

Ph.D, M.Tech, B.Tech

## **Dr. Anu Sharma**

Ph.D., M.Sc., B.Sc.

## **Mr. Debadarshi Pattanayak**

M.Tech., B.E.

## **Mr. Jyoti Mohapatra**

M.Tech., B.E.

## **Mr. Bipin Kumar Dwivedi**

M.Tech., A.M.Ae.S.I.

## **Ms. Vijay Laxmi Verma**

M.Sc., B.Sc.

## **Mr. Sudesh Kumar**

B.E., BAMEL

## **Mr. Raviraj Shrikrishna**

M.Tech. (Pursuing), B.Tech.

## **Mr. K.I.A. Siddiqi**

M.Sc., B.Ed.

## **Mr. Ram Naresh Jha**

M.Tech., B.E.

## **Mr. Ishwar Singh**

M.Tech., B.E.

## **Mr. Pankaj Tomar**

M.Sc. (Math), B.Sc.

## **Mr. Rajender Prasad (Ex-Indian Navy)**

Dip. Airframe & Engine, AME

## **Mr. Manish Yadav (Ex-Indian Navy)**

Dip. A/C Electrical, AME



**Mr. B.S. Mann**

Dip. (Electronics), BAMEL (ES, RN)

**Mr. S. S. Mohapatra**

M.Tech, B.Tech

**Mr. Kuldeep**

M.Tech, B.Tech

**Ms. Kavita Rawat**

M.Sc., B.Sc.

**Mr. Srikant Tripathi**

M.E., B.E.

**Mr. Manbir Singh**

M.Tech, B.E.

**Mr. Rinesh T.**

M.Sc., B.Sc.

**Mr. Rajender Singh**

M.Tech, B.E.

**Mr. Raj Kumar Singh**

CTI (Machining)

**Mr. Luv Verma**

M.Tech, B.Tech

**Ms. Makupan Wijunamai**

M.A.

**Ms. Ambika Bhatnagar**

M.A., B.A.(H)

**Mr. Naresh Kumar**

M.Tech, B.Tech

**Mr. Praveen Pratap Singh**

M.Tech, B.Tech

**Mr. Sukumar**

M.E., B.E.

**Ms. Rajyashree Joshi**

M.Tech, B.Tech

**Ms. Nivedita Kumari**

M.Tech, B.E.

**Mr. Anubhav Goel**

B.Tech (CAD, CATIA Trainer)

**Mr. Bishram Mishra**

B.E.

**Mr. Tushar Garg**

M.Tech, B.Tech

**Mr. Siddhartha Sondh**

M.Tech, B.Tech

**Mr. K. Vivek**

M.E., B.E.

**Mr. Lawkush Kishra**

M.E., B.Tech

**Mr. Arjun singh**

B.Tech Equivalent

**Ms. Rabarioelina Nirisoa**

**Nantenaina**

M.A., B.A., French Teacher

# Approval Certificates



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 - 110003  
NEW DELHI - 110 003

सं० ५ - /

ए आई (२)

No. 5 DAW/TRG/SOA/1502

AI (2)

स्वीकृति प्रमाणपत्र  
CERTIFICATE OF APPROVAL

महानिदेशक नागर विमानन, भारत सरकार द्वारा जारी सिविल उड़न योग्यता अपेक्षाई श्रृंखला 'ई' के नवीकृत अंक के अनुसार कोटि/कोटियों में

पृष्ठभाग पर दिए गए स्वीकृति क्षेत्र के अनुसार **School of Aeronautics** को स्वीकृति प्रदान की जाती है।

Approval is granted to **School of Aeronautics** 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. **Appendix-I**

यह स्वीकृति अनुदेशों के अनुमोदित गुणवत्ता नियंत्रण और/या रखरखाव प्रणाली मैनुअल में उक्त सिविल उड़न योग्यता अपेक्षाई श्रृंखला 'ई' में उल्लिखित शर्तों के अनुपालन के अधीन दी गई है।

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

प्रमाणपत्र की वैधता पृष्ठभाग पर दी गई है।

The validity of the Certificate is given on the reverse. **Appendix-II**

नई दिल्ली, दिनांक १६



  
 (Authorised Signatory)  
 (प्रतिष्ठापित हस्ताक्षरकर्ता)

Dated New Delhi, the 08.08.2001

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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.

SOA(NEEMRANA)/F-APP/877

स्वीकृति प्रमाणपत्र

CERTIFICATE OF APPROVAL

महानिदेशक नागर विमानन, भारत सरकार द्वारा जारी विहित उड़ान-योग्यता अधिसूचि श्रृंखला 'ई' के नवीनतम अंक के अनुसार कोटि/कोटियों \_\_\_\_\_ में  
पुष्टिपत्र पर दिए गए स्वीकृति क्षेत्र के अनुसार \_\_\_\_\_ को स्वीकृति प्रदान की जाती है।

Approval is granted to School of Aeronautics (Neemrana) in accordance with latest issue of Civil Aviation Requirements, Section 2, 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 अनुदेवी के अनुमतिपत्र गुणवत्ता निरीक्षण मैनुअल और/या रखरखाव प्रणाली मैनुअल में तथा विहित उड़ानयोग्यता अधिसूचि श्रृंखला 'ई' में उल्लिखित शर्तों के अनुसरण 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, Section 2, Series 'E'.

प्रमाणपत्र की वैधता पुष्टिपत्र पर दी गई है।

The validity of the Certificate is given on Appendix - II

नई दिल्ली, दिनांक \_\_\_\_\_ २००

Dated New Delhi,  
the 29/07 2008



(V.K. Arora)

Director of Airworthiness

(Authorised Signatory)

(प्रधिकृत हस्ताक्षरकर्ता)

# Infrastructure





Laxmi Narain Verma Memorial Society, needless to say, provides all required infrastructural facilities to its students and teachers to live up to its own expectation.

- The state-of-the-art, air-conditioned classrooms equipped with audio visual facility.
- Well equipped modern laboratories suitable for experiments and learning.
- Hi-Tech Computer Lab and Communication Lab.
- Wi-Fi Campus and online college management system.
- Tutorial Rooms for interaction and exploratory learning in small groups.
- Housekeeping and Laundry facilities at Hostels.
- Library well designed as Learning Resource Center.
- Sports facilities of Tennis, Badminton, Gymnasium etc.
- In-house catering services offering Excellent Food.
- A serene and beautiful campus in the lap of surrounding Aravali mountains, a perfect environment for studies and recreational activities.
- Safe, secure and separate Hostel facilities for boys and girls with option of Airconditioned accommodation.
- Common room for boys and girls with LCD and indoor games.

## Library as Resource Centre





School of Aeronautics (Neemrana) library is established as a centre for knowledge and learning, dedicated to foster intellectual growth that supports the students and faculty for their research pursuits. The main strength of our library is to continuously collect, organize and preserve the precious collections of genius' thought and creativity. Its rich collection of resources, includes books, national and international journals, magazines, multi-media resources, case studies, project reports etc. The library also has an online catalogue system where students can find books from any LAN connected computer. Library as is also connected with various e-Journals and books. School of Aeronautics (D) also has well established library.

# Interdisciplinary Teaching & Learning



School of Aeronautics strongly believes that there is much to share and learn by interdisciplinary teaching among faculty members and students from different disciplines such as AME, Aeronautical and technology etc. Our vision is to achieve breakthrough at the junction of interdisciplinary convergence of the highest form. Therefore, School of Aeronautics (Neemrana) and School of Aeronautics (Delhi) inculcates and bring various disciplines of teaching on a common platform for discussions as well as for learning.

To make sure that our teaching standards are outstanding, we have appointed and are further bringing in world-class faculty from India and abroad.

## Students Lounge and Incubator



Where classroom provides a rigorous setting to the students, Students Lounge gives them a modern and relaxed environment to discuss assignments and team work over a cup of coffee with their mentors and facilitators. The students incubator gives the students an opportunity to exercise entrepreneurship while studying.



## Placements

School of Aeronautics is a preferred destination for students who are looking for an outstanding career and growth. School of Aeronautics with its world class infrastructure, faculty, teaching practices, curriculum, practical work, exposure and experience with relevant industries, international network, connectivity with the world, prepares students to accept global challenges. The environment of Laboratories and workshops for Aviation students, project work on different subjects, grooms our students to shine in all spheres of life. A perfect result oriented learning environment is the key feature of School of Aeronautics at Delhi and Neemrana.

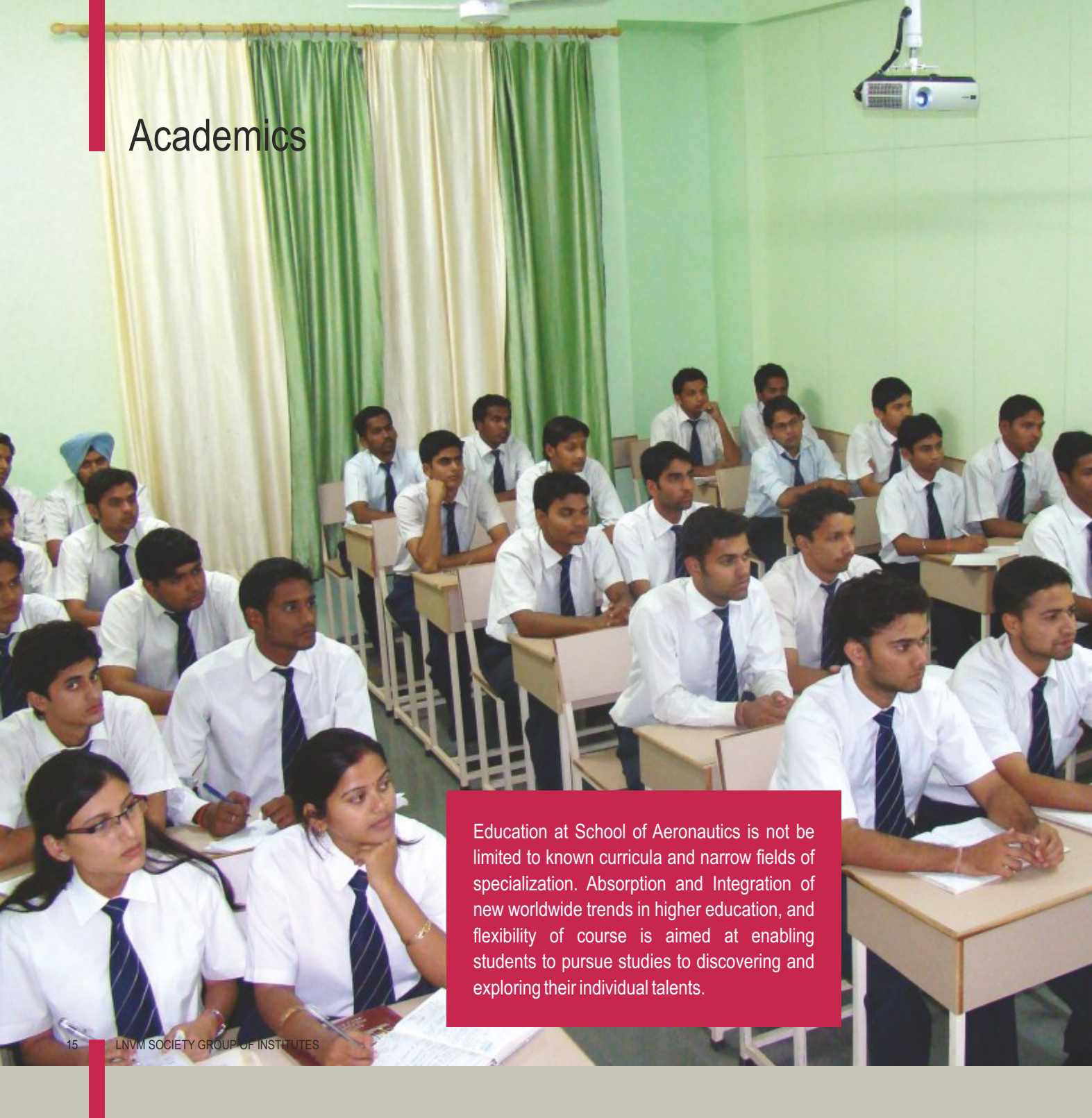
At School of Aeronautics we have built exceptional industrially integrated programs where there is an extreme connectivity between our curriculums and applicability of the taught content in the real life scenarios or industrial perspectives. Our prime motive is to enable our students for a successful career in the field of their expertise, so the activities for the placements of our students happen all year around. Our placement office regularly interacts and coordinates with the local industries, companies in Delhi NCR and across India for organizing placement training workshops for our students throughout the academic session. The companies also visit the campus for Pre-Placement talks both before the selection processes and the final recruitment. Based on the information on the requirements of the companies, our placement office regularly communicates with the students through various notice boards of the School of Aeronautics and online interaction forums, whereby interested students contact the placement officers.

'Subsequently the CVs are forwarded to the companies for further processing. 'The companies then shortlist candidates that fit their job profiles from the application pool and sends the same to the Placement Office. 'A mutually convenient date is finalized for the selection processes. The companies are required to furnish the final list of students preferably on the same day, or as soon as possible, after completion of the selection process. 'The offer letters are sent to the Placement Office to be handed over to the students. 'Offer acceptances (from the students) are then forwarded to the respective companies by the placement officer.

Our students are placed with, to name a few



# Academics



Education at School of Aeronautics is not be limited to known curricula and narrow fields of specialization. Absorption and Integration of new worldwide trends in higher education, and flexibility of course is aimed at enabling students to pursue studies to discovering and exploring their individual talents.

## Teaching & Faculty

“School of Aeronautics innovative teaching methodology results in outstanding performance by the students and is fed by informed research.”



It is a well known fact that students can learn more effectively when actively involved in the learning process. At School of Aeronautics, we believe that effective teaching is not a destination; rather it is a never ending journey that has to be navigated through with the involvement of the students. Advances in the internet and social technologies have made enormous learning content available on the internet, in such times the role of an effective teacher is that of a facilitator of learning. We have developed a unique approach of teaching, development and delivery at School of Aeronautics (Neemrana) with continuous research. We follow a unique pedagogy for teaching the concepts of its technical and professional programmes, so that students can learn with altitude and empathy: The pedagogy lays emphasis on:

- Reinforcement of learned concepts through case studies, simulations, experimentation, collaborative team exercises, presentations, experimental learning techniques, participatory learning experiences and portfolio/project development work.
- Communication development through guest lectures, conferences, seminars, group discussions and simulations.
- Development of wide range of human skills and techniques for creative thinking & decision making.
- Practice through projects, experiments and hands on/on the job training.
- Leadership & Teamwork skills gained through various group activities. Application by real life training, Industrial visits, tours and Industry apprenticeship.

# Learning Beyond the Classroom

In a world where more business deals are done at a golf course or a tennis court than the traditional board room, it is of prime importance to School of Aeronautics to involve our students beyond the classroom too. At School of Aeronautics, we are proud to offer our students extensive range of activities. The activities make full use of the talents and personal skills of our students thus continuously motivating them and giving them energy and courage to compete in the world of opportunities.

There are many clubs and activities available for the students after the college hours such as, Outdoor Club (Biking, Hiking, Golf, River rafting, Go carting, Bowling etc.). Here are just a few more activities at School of Aeronautics (Neemrana):

- Aero club
- Sports Club
- Cultural & Drametics Club
- Art Club
- Photography Club
- Editorial Club
- Audio/Visual Club
- Books Club
- Adventure Club
- Intellectual Club
- Green Club
- Meditation Club
- Techno Club

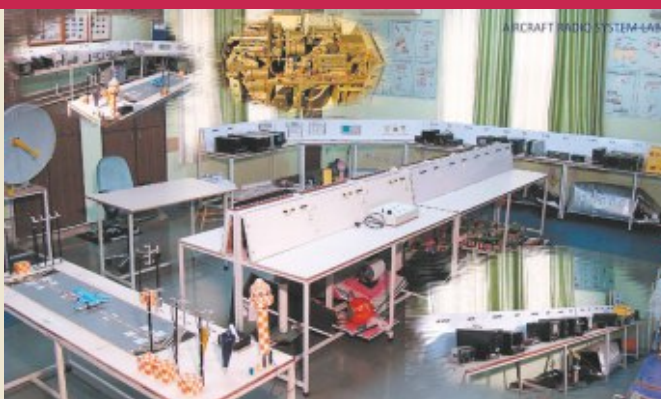


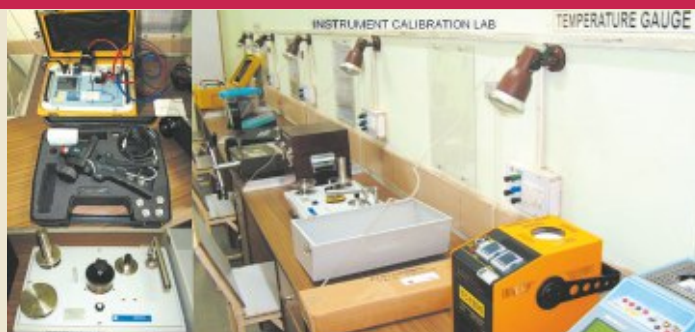


We strongly believe that student-organized clubs and activities play an important role in campus life. Besides sharing common interests and having fun, these clubs and activities offer immense opportunities to expand network, converge with the peers of other streams, strengthen leadership styles and managerial experiences, develop inter-personal skills and most importantly become a part of the School of Aeronautics family.

# Photo Gallery









# Academic Programs

The course curriculum of Aeronautical Engineering is made up of maintenance as well as design aspect of the present day aviation and aerospace engineering.

It prepares graduates with knowledge, problem solving ability, hands-on skills to enter career in the design, installation, manufacturing, testing, evaluation, technical sales, or maintenance of aeronautical systems.

In the present ongoing boom in the aerospace and civil aviation industry, globally there is a continuous demand for skilled and well-trained AMEs (Aircraft Maintenance Engineers). At School of Aeronautics our continued growth and success has created out standing opportunities, yet again in the ever expanding and feverishly competitive field of aviation.

At School of Aeronautics we assure you, as and when you culminate your course, you will be well armed to take on any task, assigned maintenance, inspection, monitoring, and overhauling of power-plant, airframe, electrical system, Instrument & Radio Navigation system, head on with confidence and a smile eventually becoming an integral contributor to the ever demanding and expanding standards in the world of Aviation.

## OUR ACADEMIC PROGRAMS ARE:

### Licence Programmes

1. Aircraft Maintenance Engineering (DGCA)
2. Aircraft Maintenance Engineering (EASA)\*\*

\*Separate prospectus for B. Tech. course is available.

\*\*We are providing regular preparatory.







# School of Aeronautics

Aircraft Maintenance Engineering (AME)  
[From Director General of Civil Aviation]

You have chosen the best time to begin your career in aviation. The aviation industry has “come of age”. It is vital part of world's economy and way of life. The demand for skilled Engineers continues to grow year after year.

School of Aeronautics is the first college to be approved by DGCA for Aircraft Maintenance Engineering (AME) in India for Avionics B2 branch. It has got all the relevant modern and advance lab facilities for Aircraft Maintenance Engineering.

A person with dark hair, wearing an orange shirt, is seen from the side, looking towards a screen. The background is a solid light yellow color.

## ABOUT THE COURSE

Training for the AME course at SOA has been approved by the DGCA. The licence Examination is conducted by the DGCA.

The duration of training at the institute is 2 years, phased over four semesters. Different types of Aircraft Instruments, Aircraft Electrical equipments, Radio equipments, Airframe System and Aero engine in our workshop give an opportunity to the students to study various theories of Avionics and Mechanical System of an aircraft. The reference books, periodicals, aviation magazines and text books in our library keep the students abreast of knowledge in the aviation field. In short SOA and SOA(N) provide all facilities to make a student a successful Aircraft Maintenance Engineer.

Basically, the course is meant for preparing the students for getting Aircraft Maintenance Engineering license after clearing various modules Examinations of DGCA.

### About The **Aircraft Maintenance Engineering Course**

Training for the **Aircraft Maintenance Engineering** program at SOA has been approved by the DGCA. The license Examination is conducted by the DGCA. The duration of training at the institute is **2 years, phased over four semesters**. This 2 Years is having 2400 Hrs of planned training out of which 2050 Hrs will be in class rooms and labs, 350 will in actual maintenance environment, i.e at MRO. School of Aeronautics has tied up with **Air India**, which is India's largest MRO. Total Aviation Experience requirement to obtain B 1.1 or B2 license is as per CAR 66.

Different types of Instruments, Radio, Aircraft electrical equipment, Airframe & Engines in our workshop give an opportunity to the student to study various theories of Mechanical / Avionics of an aircraft. The reference books, periodicals, aviation magazines and text books in our library keep the student abreast of knowledge in the aviation field. In short SOA provide all facilities to make a student a successful **Aircraft Maintenance Engineer**.

Basically, the course is meant for preparing the students for getting Aircraft Maintenance Engineer License in various categories which is issued by DGCA after the student has passed module examination conducted by DGCA and obtaining relevant experience.

### **Assessment for the Students of Aircraft Maintenance Engineering**

It is mandatory for the students of **Aircraft Maintenance Engineering** to put in a minimum of 90% of attendance in every semester to appear for the examination for promotion to the next semester. The minimum pass marks in any test or examination is 75% and pass marks for Re-Examination is also 75%. The students falling short of attendance are not promoted to next semester and may be detained. The students are expected to pass all the subjects of a semester. Candidates may be promoted to the next semester after completion of previous semester (s). Candidates who are not successful in passing some subjects of a semester may

be re-examined for those subject(s) until they pass the complete semester. For such students the application must be forwarded for DGCA **Aircraft Maintenance Engineering** license examination only after he has successfully passed the required semester examinations. They will be given extra coaching and will have to pay additional fees and other charges for the full semester.

### Eligibility for Admission into **Aircraft Maintenance Engineering**

The minimum qualification for admission to the course is a pass in

- i. 10+2 pre-degree/intermediate or equivalent with Mathematics, Physics and Chemistry / B.Sc with Maths, Physics & Chemistry.
- ii. Diploma in Engineering.

### Medical Standards For Admission Into **Aircraft Maintenance Engineering**

The student will have to produce a medical certificate from a registered medical practitioner with minimum MBBS qualification to certify that he / she has no physical disability and the color vision is normal.

# Course Structure (AME)

AVIONICS STREAM (B.2)			
Semester I	Semester II	Semester III	Semester IV
Module 7A Maintenance Practices	Module 3 Electrical Fundamental	Module 6 Materials and Hardware	Module 13 Aircraft Aerodynamics, Structure and System (IS)
Module 8 Basic Aerodynamic	Module 5 Digital Technique Instrument System	Module 13 Aircraft Aerodynamics, Structure and System (CN)	Module 13 Aircraft Aerodynamics, Structure and System (ES)
Module 10 Aviation Legislation	Module 4 Electronic Fundamental	Module 14 Propulsion	—
Module 9A Human Factor	Module 13 Aircraft Aerodynamics, Structure and System (AS)	—	—

## MECHANICAL STREAM (B1.1)

Semester I	Semester II	Semester III	Semester IV
Module 7A Maintenance Practices	Module 3 Electrical Fundamental	Module 11A Turbine Aeroplane, Aerodynamics & System-II	Module 15 Gas Turbine Engine
Module 8 Basic Aerodynamic	Module 5 Digital Technique Instrument System	Module 6 Material and Hardware	Module 17A Propellers
Module 10 Aviation Legislation	Module 4 Electronic Fundamental	—	—
Module 9A Human Factor	Module 11A Turbine Aeroplane, Aerodynamics & System-I	—	—



# School of Aeronautics

Aircraft Maintenance Engineering (AME)

[From European Aviation Safety Agency (EASA)]



## WHAT THEY DO

Air transport is one of the safest modes of travel. It is also the fastest growing. That is why the European Union decided on a common initiative to keep air transport safe and sustainable, allowing for growth and improved safety. It is called the European Aviation Safety Agency.

The European Aviation Safety Agency promotes the highest common standards of safety and environmental protection in civil aviation in Europe and worldwide. It is the centerpiece of a new regulatory system which provides for a single European market in the aviation industry.

A milestone achievement of the agency in December 2006 was the certification of the Airbus A380, the world's largest airliner. The agency's responsibilities include:

- Expert advice to the EU for drafting new legislation;
- Implementing and monitoring safety rules, including inspections in the Member States;
- Type-certification of aircraft and components, as well as the approval of organizations involved in the design, manufacture and maintenance of aeronautical products;
- Authorization of third-country (non EU) operators;
- Safety analysis and research.

The agency's responsibilities are growing to meet the challenges of the fast-developing aviation sector. In a few years, the Agency will also be responsible for safety regulations regarding airports and air traffic management systems.

Based in Cologne, the agency already employs some 500 professionals from across Europe. It will continue to recruit highly qualified specialists and administrators in the coming years as it consolidates its position as Europe's centre of excellence in aviation safety.

Their vision is to see European citizens benefit from the safest and most environment-friendly civil aviation system in the world.

### **REQUIREMENT TO HOLD A LICENCE UNDER PART-66**

In order to be granted authorization to issue certificates of release to service a person must hold a valid licence issued in accordance with Part-66. The minimum age to hold a Part-66 licence is 18 years. In order to certify, the minimum age is 21.

## HOW TO BE AN AIRCRAFT MAINTENANCE ENGINEER UNDER PART-66

Under Part-66 an aircraft maintenance licence confirms that the person to whom it refers has met the Part-66 knowledge and experience requirements for any aircraft basic category and aircraft type rating specified in the document.

The licence is divided broadly between Mechanical and Avionic trade disciplines although in view of the various technologies and combinations applicable to certain aircraft the Mechanical licence category is further subdivided. In addition there are various levels within the licence that allow the holder to be authorised to perform certain roles within line and/or base maintenance. These reflect different levels of task complexity and are supported by different standards of experience and knowledge. An individual may hold a combination of licence categories.

### The categories within the aircraft maintenance licence are:

Category A	Maintenance Certifying Mechanic
Category B1	Maintenance Certifying Technician (Mechanical)
Category B2	Maintenance Certifying Technician (Avionics)
Category C	Base Maintenance Certifying Engineer

### Category A

Category A is further divided into sub categories as follows:

- A1      Aeroplanes Turbine
- A2      Aeroplanes Piston
- A3      Helicopters Turbine
- A4      Helicopters Piston

The experience demonstrated on application must be relevant to the sub category of licence being applied for and must satisfy certain criteria in respect of recency.

## EXPERIENCE REQUIREMENTS

An applicant for a category A licence must have completed a prescribed period of aircraft maintenance experience. This experience should include minor scheduled line maintenance and simple defect rectification on operating aircraft. Category A applicants should have at least 3 years practical maintenance experience on operating aircraft.

## **THE CATEGORY B1 LICENCE**

The B1 licence is a mechanical based licence and permits the holder to issue certificates of release to service following line maintenance, including aircraft structure, power plants and mechanical and electrical systems. Replacement of avionic line replaceable units requiring simple tests without the use of test equipment to prove their serviceability is also included within the privileges of this licence. A Category B1 licence holder also has a role in base maintenance in supporting the Category C certifier who is the final CRS/SMI signatory.

The B1 licence is sub-divided into sub-categories as below:

- B1.1 Aeroplanes Turbine-Engines
- B1.2 Aeroplanes Piston-Engines
- B1.3 Helicopters Turbine-Engines
- B1.4 Helicopters Piston-Engines

## **EXPERIENCE REQUIREMENT**

An applicant for a category B1 licence must have completed a prescribed period of aircraft maintenance experience. This experience is to be relevant to the licence category required and to the maintenance experience of operating aircraft. This experience should include maintenance on aircraft structure, powerplant, mechanical and electrical systems and replacement of avionic LRU's requiring simple tests to prove their serviceability. Candidates should have at least 5 years practical maintenance experience on operating aircraft.

## **THE CATEGORY B2 LICENCE**

The B2 licence is avionic based and permits the holder to issue certificates of release to service, following line maintenance on avionic systems. A Category B2 licence holder also has a role in base maintenance in supporting the Category C certifier who is the final CRS/SMI signatory.

The B2 licence broadly covers the following areas:

- Instrument Systems
- Automatic Pilot Systems (fixed and rotary wing), including Auto-throttle and Auto-land Systems
- Radio Communication, Navigation and Radar Systems
- Electrical Power Generation and Distribution to Avionic Systems

## **EXPERIENCE REQUIREMENTS**

An applicant for a category B2 licence must have completed a prescribed period of aircraft maintenance experience. This experience is to be relevant to the licence category sought and to the maintenance experience of operating aircraft in avionic and electrical systems. Category B2 applicants should have at least 5 years practical maintenance experience on operating aircraft.

## **THE CATEGORY C LICENCE**

The Category C licence permits the release of an aircraft to service in its entirety by a single certificate of release to service by one overall signatory, once all base maintenance work and checks have been completed. The Category C licence certifier will act primarily in a maintenance management role controlling the progress of aircraft maintenance work. A Category C licence alone does not permit the holder to act as a B1 or B2 certifier.

## **EXPERIENCE REQUIREMENTS**

### **F2.1 General**

An applicant for a category C licence must have completed a prescribed period of aircraft maintenance experience. The Category C licence may be obtained via one of two available routes: either by experience gained through holding a Category B1 or B2 licence, or as a graduate entrant with a degree that is considered to be acceptable to the CAA.

### **Large Aircraft**

3 years experience exercising B1.1, B1.3 or B2 privileges on large aircraft or as Part-145 B1.1, B1.3 or B2 support staff, or a combination of both. 5 years experience exercising B1.2 or B1.4 privileges on large aircraft or as Part-145 B1.2 or B1.4 support staff, or a combination of both.

### **Non Large Aircraft**

3 years experience exercising B1 or B2 privileges on non- large aircraft or as Part-145 B1 or B2 support staff, or a combination of both.

### **Graduate Route**

A graduate holding a degree in Aeronautical Engineering, or a similar discipline that is considered by the CAA relevant to aircraft maintenance that has been accepted for this purpose by the CAA, must have at least 3 years experience in a civil aircraft maintenance environment including 6 months of observation of base maintenance tasks. There are currently no standard assessment terms for these applications and therefore applicants are advised, before applying for licence issue, to ensure they meet the experience criteria in accordance with Part-66. A person qualifying for a Category C licence via this route will not be entitled to a Category B1 or B2 licence unless the requirements for those Categories are also met.

## **WHAT IS THE ROLE OF SCHOOL OF AERONAUTICS**

School of Aeronautics is providing regular preparatory classes for EASA module examinations and also conducting e-Examinations for EASA modules, as SOA(N) is a licenced organization by EASA to conduct e-Examinations for its various modules.

## MODULARISATION

Qualification on basic subjects for each Part-66 aircraft maintenance licence category or subcategory should be in accordance with the following matrix. Applicable subjects are indicated by an 'X' :

SUBJECT MODULES	A OR B1 AEROPLANE WITH		A OR B1 HELICOPTER WITH		B2 AVIONICS
	TURBINE ENGINE(S)	PISTON ENGINE(S)	TURBINE ENGINE(S)	PISTON ENGINE(S)	
1	X	X	X	X	X
2	X	X	X	X	X
3	X	X	X	X	X
4	X	X	X	X	X
5	X	X	X	X	X
6	X	X	X	X	X
7	X	X	X	X	X
8	X	X	X	X	X
9	X	X	X	X	X
10	X	X	X	X	X
11	X	X	–	–	–
12	–	–	X	X	–
13	–	–	–	–	X
14	–	–	–	–	X
15	X	–	X	–	–
16	–	X	–	X	–
17	X	X	–	–	–

# The Strengths Builder Program

There are some key qualities required for a successful life, which are not touched upon by traditional academic programs with full focus, these areas based on research programs conducted around the world become more important in paving the way to success, than the academic prowess alone. These are the attributes like : communicative abilities (beyond the linguistic strengths), creativity & ideation, methodical planning abilities, leadership qualities, team skills, resourcefulness and adaptability. Together with our corporate partners we understood the power of these attributes for a student's successful career progression. To strengthen these attributes in our students, we run a strengths builder program parallel to our curriculum. We involve our students to develop these strengths by participation in case studies, discussions, problem solving sessions, role plays, simulations, team exercises, live business projects and mentoring sessions. Different tools are used to polish each one of these special attributes.

1

2

3

4

## Profiling

The most important step before you embark on a journey to fulfil your true potential is to 'Understand Yourself'. At the profiling stage, we create an extensive account of every student's attributes, likes, dislikes, strengths, weaknesses, potential areas and learning styles. There are series of psychometric tests, assignments, presentations, role playing scenarios and other activities, which are presented in front of the student to build an accurate profile. These activities are mapped on to the academic curriculum, based on extensive research these programs have been developed by international experts.

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## Personal Development

Personal Development Programs at School of Aeronautics are based on the principles of Neuro Linguistic Programming, 7-Habits framework of Stephen R. Covey and Gallup's Strength building techniques. Students attend extensive workshops and training sessions to sharpen their leadership, team-skills, creative thinking abilities, principle foundations and psychological self-awareness. These sessions are delivered by trained visiting experts, video webinars with internationally renowned Gurus and in house trainers.

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## Skill Development

From project management skills, time management, business writing, technology readiness to planning and execution of ideas through mind maps, students learn various skills essential for an outstanding contribution in the business environment. With training material & support from international experts these programs are offered to students as optional capsule programs. Students are assessed on their ability to apply the learned concepts to solve real-life problems and based on their expertise in implementing these skills in the academic / placement phase. Backed by extensive research, these programs have been developed by international experts.

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## Building Connections

The world is changing so rapidly, that the things we imagined would create opportunities passed away so quickly and the opportunities we never thought would be there are so powerful now. What can keep students ready for the changing world is their ability to learn continuously and the ability to connect with people. School of Aeronautics career center helps students in preparing their profiles for jobs, writing CVs, interview tips & mock interviews, access to company profiles, placement directories & guides and then also connects them to HR personnel in various relevant companies. On extensive research these programs have been developed by international experts.

# Accommodation



# Hostel

Accommodation at School of Aeronautics (Neemrana) is spacious, beautiful and well maintained. School of Aeronautics (Neemrana) offers hostel on sharing basis, separate for both boys and girls. There is 24 hours security and facility management for the Hostels. The administration and discipline at the Hostels are taken care by a faculty member. The Boys Hostel and girls Hostel have separate resident wardens in addition to the supervisors and support staff. There is a provision of room with air-conditioner which is optional for students. Hostel facilities at Delhi are not available at present, but they can stay in very secure PG's near the college.

Our hostels are equipped with world-class facilities like:

- 24-hour internet connectivity through a Wi-Fi backbone.
- On campus, laundry services.  
Music clubs, library access and an extensive tuck shop.
- Doctors visit on Campus and tie up with nearby Hospitals for medical support.
- Electricity back up, water heaters and RO water for drinking.
- Common rooms with Television sets, Table Tennis, Snooker, and Indoor Sports.
- Dining-rooms are well maintained and hygienic kitchen managed by professional agency offering cuisines from all across India along with continental choices.
- On campus cafeteria offering wide range of refreshments, snacks and beverages.





## Join the School of Aeronautics Community!

The admission process at School of Aeronautics (Delhi) / School of Aeronautics (Neemrana) goes beyond looking for academically accomplished student. For each new session, we aspire to bring passionate and intellectual students with diverse backgrounds, looking at their accomplishments both in and outside the classroom,. The application form is designed to let you showcase yourself as to what is special about you.

Application Process: School of Aeronautics application process has four main levels:

1. Submission - The first step is to submit the Application form with all the necessary details. All applicants can submit a hard copy of the application form or fill in the online application form available on the website [www.soapalam.org](http://www.soapalam.org). To submit the application on paper, you will have to either get the application form from the College office or download and print a PDF version from the college website.
2. Evaluation - The application form is then evaluated by the admission committee and students are asked to come for an interview at the college campus.
3. Interview - The interview process would help us to know more about the students' personality, interests and achievements.
4. Selection - The successful students will be intimated about their admission at the School of Aeronautics. They will also be sent a pre-induction kit.

### Division of Seats

AME	:	60 (per college)
EASA	:	28*

**To apply for our programs visit : [www.soapalam.org](http://www.soapalam.org) / [soaneemrana.org](http://soaneemrana.org) or write to: [ccashoka@gmail.com](mailto:ccashoka@gmail.com)**

**Students who have qualified and successfully cleared counseling done by REAP/JEE will also be admitted into B.Tech. courses at Neemrana.**

\* For these course School of Aeronautics is providing regular preparatory classes for respective University bodies courses.



# Admission Process

1. Application for admission should be made in the prescribed form which is attached with this prospectus.
2. Application form properly filled should be sent to the college.
3. Candidates seeking admission to the course should attach the following with the application.
  - a. Photostat or certified copies of mark list of the highest qualification, and that of Date of Birth Certificate.
  - b. Four Passport size Photographs.
4. Applications which are either incomplete or unaccompanied by prescribed fees are liable for rejection.
5. Application can be submitted in person at the office along with required documents between 10 a.m. and 5 p.m. on any working day, or, can also be submitted by post.
6. Fee concession of 5% will be given to girl students in Tuition Fee only.
7. Student may be called for interview/written test, depending on the number of application received.
8. If the student qualifies in the Interview/Written Test a seat is provided to him and he will be required to pay the admission fee on that particular day only.
9. In the event of a candidate fails to deposit the fees, admission shall be given to the next candidates in the merit waiting list in order to complete the intake. Such candidate will have to deposit their fees on or before scheduled date and time for admission to the relevant course.
10. However admission to School of Aeronautics (Neemrana) for B.Tech (Aeronautical) and B.Tech (AME) will be made by a selection committee comprising of three highly qualified staff under the chairmanship of the Director of the Organization, and his decision will be final and binding.

# Infrastructure & Facilities



## LABS

### Workshops & Labs:

Practical training is an essential part of any engineering course. The institute has a well-equipped workshop to impart practical training to students in basic workshop technology. The other laboratories include electrical lab, instrument lab and Radio navigation lab. These labs are equipped with all required training aids and other equipments required for practical demonstration and training.

### Avionics Lab / Electrical Lab:

Avionics Lab is well-equipped with the basic as well as state-of-the-art technology-Radio Communication and Navigation equipments. Other significant equipments, worth mentioning are : Radar System, Automatic Distance Finding System , VOR, Instrument Landing System, G.S. and Marker System. The highlight of the Lab is an Electro Static Device (ESD) Safe Work Station. Mock-ups of all the Instruments and Electrical equipments of Aircraft systems are available.

### Aircraft Mechanical Labs:

Aircraft Mechanical System Labs are well equipped with the basic as well as state of the art technology - airframe NDT equipments, operational aileron movement system, brake operation system, working aircraft engine testing bench, etc. Working mock ups of all the aircraft airframe and propulsion (engine) system is available. The entire practical's related to aircraft mechanical system can be performed in our labs. We have very well established NDT lab which includes equipments like Magnetic crack detection, Ultrasonic crack detection, and video scope (Olympus) inspection unit for jet engines.

### Computer Labs:

Our Computer Labs are well-designed for entry-level as well as advanced computing. The Labs are full-fledged and equipped with latest configuration PCs, printers, scanners and multimedia devices. The computers are configured in LAN as well high-speed broadband for Internet access. Packages like Visual Studio 6.0, AUTO-CAD R-2000, Visual Basic, Web-page designing software, JAVA, Turbo C/C++, VC, VC ++ are available on Windows as well as DOS platforms.

**Electronics Lab:**

Electronics Labs are well equipped with all kinds of electronic equipments and components. In the Labs, the latest models of Cathode Ray Oscilloscopes, Function Generators, Dual Power Supply Units, Television Trainers, Digital Trainer Kits, Microprocessor kits, Micro-controller kits, Measuring Instruments, Digital Multi-meters, etc., are available.

**Special Practical****Library:**

Institute has a library fully equipped with numerous course text books, reference books, solved/ unsolved exam papers, news / bulletins, magazines, personality development books, general knowledge and also competitive exam books. Each student is provided with a library card for issue of books for a fixed duration of time. The library also receives a number of popular magazines and current aviation journals. Our institute has also collaboration with other libraries from where the student can obtain membership too read books as they want on any subject.

**Sports Facilities:**

At School of Aeronautics (Neemrana) we believe that the time spent by our student at College should be much more important than just getting a degree. The College's Physical Recreation & Sports Facilities offer an exciting range of sporting opportunities for both students and staff. The philosophy behind this is to stay healthy, raise confidence, compete and have fun with your friends. Physical Recreation & Sports facilities like Yoga, Tennis, Badminton, Gymnasium etc. are being provided to the students.

**Co-curricular Activities**

The technical associations of the various disciplines play an active role in organizing discussions, seminars, guest lectures, educational tours etc.

In addition, there are cultural associations, a photographic club and a music club, each of which arranges Programs and competitions with the help of the students' academic council. We are proud to state that our students are continuously winning prize at various inter collegiate cultural and sports festivals.



# General Information

## Instructional Methodology

The Institute imparts education through classroom lectures, seminars, tutorials literatures etc. The lectures are delivered in simple English and examinations are conducted by the Institute or examining authority in English only.

## Special Lectures

Special Lectures are arranged from time to time for the benefit of students on selected subjects. Senior professionals from IIT's or leading Institutions are invited to deliver guest lectures. Special Lecturers Training Programs are organized to keep the Institute's faculty updated on recent advancements in Science and Technology.

## Academic Support

We guide the students on their course programs and assist with problems and progress with specific course material. Courses are designed in such a way that students receive continuous assessment with regular feedback about their progress.

## Extra Curriculum

1. Prize distribution programs, cultural programs, social gathering, etc.
2. Picnic cum educational tour.
3. Guest lectures and Film shows (on Aviation, Mechanical and Electronics)
4. Group discussion, conference and personality development programs.

## Library and Reading Room

The institute has a full fledged library to cater the need of the students. A good collection of related books in respective branches of engineering, periodicals, magazines and journals are available here. To provide up-to-date information, Library has a large collection of corporate annual reports, journals and other documents. The papers on Science & Technology which are sent for Seminars & Conventions, are also available in the library for the students.

## Hostel Facility

Hostel facilities are available on co-operative basis. Hostel admission fee of ₹ 6000/- is payable at the time of joining hostel. Students are required to pay advance rent for 12 months at the undermentioned rates per month. **Hostel is compulsory for outstation girls students.** All the hostel students will be provided with a set of two bedsheets and two pillow covers at the time of joining.

## Guest Room

Students' parents can stay in Institute's air-conditioned Guest Room when they visit their wards depending on the availability of the same. Maximum days of stay allowed is 5 days only, charges for the guest room is ₹ 200/- per day without food.

## Code of Conduct

All the students shall abide by the rules and regulations of the Institute and shall have to *give an undertaking after admission*.

## Vacation and Holidays

Winter and summer vacations are observed. The vacation date will be intimated to the students in advance. All the national holidays are observed by the Institute.

## Ragging

Ragging is strictly prohibited and is a punishable offence under the Government law.

## Attending Classes

A full-time student may have classes, any time between 8 A.M. and 7 P.M. according to the time-table. But a student will not be required to stay in the college for more than 8 hours a day.

In case of part-time, classes will be held in the evening time as per convenience of students and staff. If a student is absenting from classes for a day also, a proper application has to be given by student, which should be duly approved, failing which gate pass will not be issued.

## Fortnightly Tests

To bring the students to minimum examination standard, fortnightly and pre semester tests are arranged. Students are required to obtain 50% marks, in the final examinations. **Any candidate obtaining less than required marks, in the two consecutive examinations shall not be allowed to attend the classes and his/her names will be struck off.** The student must be present for all class tests. Strict disciplinary action will be taken against those who fail to attend the tests, which includes *debaring* the students from classes for a period of minimum of *ten* days. In case of AME course students are required to score minimum of 70% marks in their tests for passing. In case of re-examination they are required to score minimum of 70% marks in their tests.

## Notice Board

It is the duty of all the students to take a note of all notices displayed on the notice board for their information and compliance. Failure to read the notice displayed on the notice board will not be taken as an excuse for their noncompliance. Any change in rules and regulation will be informed to the students through notice board.

## New Session

New sessions usually commence twice a year i.e. in the months of July and January unless notification to the contrary is made in the leading National Newspapers.

### Unforeseen Circumstances

In case of any unforeseen circumstances such as riots, fire, flood or outbreak of epidemics or strike or a number of students falling below 15 in any course or for any other reason, the management reserves the rights to impart theoretical training through correspondence course or in any other training centre. In such case no additional charge will be levied.

### Mediclaime Policy

All the students are required to get the Mediclaime and Accidental Policy. Exact charges will be displayed at the time of admission.

### Scholarship for AME Students

Student clearing DGCA licence examination in a single attempt will be provided one time Scholarship of ₹ 2000/- only to the candidate who has secured highest marks at the discretion of the Director.

### Tour

Students will be taken once on an excursion tour during the tenure of the course on payment of tour charges.

### Working Hours

Class Hours : Monday to Friday/Saturday (on required basis)  
09:10 AM to 01:10 PM and 02:00 PM to 06:00 PM  
Office Hours : Monday to Saturday  
09:00 AM to 01:00 PM and 02:00 PM to 05:00 PM

## GENERAL RULES & REGULATIONS

1. Great emphasis is laid on discipline and character building and students are expected to maintain a high standard of discipline. Rules and regulations of the Institute/hostel have to be followed by each student.
2. If any student violates or tries to violate rules and regulations, a severe disciplinary action will be taken against the student.
3. Regular attendance of classes is must for every student, if any student fails to attend a minimum of 90% attendance he/she will not be allowed to appear in the final exam. In addition to this 90% will be calculated month wise, and if for any particular month this percentage is below 90%, he/she will have to pay fine of ₹ 200/- per month.
4. Periodical test has to be taken by every student, if any student fails in a test, he/she may not be allowed to take up next periodical test.
5. No smoking or drinking is allowed in the Institution.
6. Student once struck up from LNVM Society Institutions on disciplinary ground, will under no circumstances be readmitted.
7. Library fees deposited by a student, at the time of admission is non refundable.
8. No student is allowed to take part in any political activity in the Institute.

9. The loss caused due to any damage to equipment or building or furniture of the Institution by the student, will be directly recovered either from identified student/his/her parents/guardian or else collectively from such groups/batches as responsible for such activities.
10. It is compulsory for the student to have a valid identity card while in the premises of the Institute.
11. If at any stage, it is being found that student is taking private tuition from the Instructors of the LNVM Society Institutions, both student and the instructor will be debarred from LNVM Society Institutions without completing the syllabus for the student and without settling the account of the instructor.
12. Any change in rules and regulations at any stage during the course will be duly notified to the students and will be applicable to all students on roll.
13. Fees once paid in full or in part for a course will under no circumstances be refunded for any reason what so ever.
14. For obtaining Bonafide Certificate from the institute, student will have to pay ₹ 100/- towards printing and miscellaneous charges.
15. The management reserves the right to rusticate any student for misbehavior with staff or students or for lacking of any student like qualities. No refund of fees will be made in such a case.
16. All the students shall abide by rules & regulation of the institute and shall have to give an undertaking to this affect.
17. Admission is not transferable from one course to another or from one student to another student.
18. No student is allowed to carry/use any cell phone in the Institute's premises. If any one is found to do so the strict disciplinary action will be taken against the defaulter and cellphone will be confiscated, which may or may not be returned depending on the discretion of the Director of the Institute.
19. Gatepass (duplicate) will be issued on payment of ₹ 100/- by the students. All the gatepasses are required to be revalidated after each fortnight.
20. The management reserves the right to remove from the rolls the name of any student for
  - a. failure to pay dues of the Institute/hostel.
  - b. failure to come upto the prescribed standard, and
  - c. unsatisfactory conduct.

### LIBRARY RULES

1. Only School of Aeronautics students and teaching faculties are members of the library.
2. A student with an Library card only is entitled to draw books from the library and is personally responsible for the books so taken by him/her. Only three books can be drawn at a time and that too for a maximum period of 15 days.
3. A fine of ₹ 10/- per day will be charged from the student for the book not returned by due date.

4. The borrower shall have to replace any book which is lost or damaged or mutilated in any way.
5. Reference books will not be issued. These are available only for reference.
6. The books can be drawn from the library after the classes or in accordance with the schedule as may be prescribed from time to time.
7. Same book will not be issued again in the same month.
8. Books once issued will not be transferred from one student to another.

### **FORTNIGHTLY MONTHLY / SEMESTER EXAMINATIONS**

Institute has produced good results and want to keep it up, in order to do so management of LNVN Society Institutions is conducting fortnightly tests. It is compulsory for each and every student to appear for these tests, failing which they will have to pay a fine of ₹ 300/- per test. In case they are absent on Medical Ground, they should produce Medical Certificate from Govt. Hospital or Institute's authorized Doctor.

If they fail to clear these fortnightly tests for two consecutive **times**, a **fine of ₹ 500/- will be charged** and will not be allowed to appear in final semester exams. Passing marks are 50% in each subject for IETE, ASI, students and that for AME students it is 70%.

### **LNVM SOCIETY INSTITUTIONS AWARDS**

**Shiv Narain Verma Memorial Award** This Award is awarded only to two top most students of the Institute in order of merit based on the performance in the monthly test. The value of the award is ₹ 100/- and ₹ 50/- respectively for each month. This award is separately for all the courses.

**Laxmi Narain Verma Memorial Award** This award is awarded to the only one student who tops in Semester Examination of the ASI., IETE, IME, AME and his percentage should be above 60%. The value of award is ₹ 500/- and this will be reviewed every six months.

**Mrs. P.D. Verma Memorial Award** This award is awarded to only one lecturer who has given good performance / result in last one year. The value of award is ₹ 2000/- and this will be reviewed every year.

### **PROCEDURE FOR ADMISSION (REGULAR COURSE)**

1. Application for admission should be made in the prescribed form which is attached with this prospectus.
2. Application form properly filled should be sent to the college.
3. Candidates seeking admission to the course should attach the following with the application.
  - a. Photostat or certified copies of mark list of the highest qualification, and that of Date of Birth Certificate.
  - b. Four Passport size Photographs.
4. Applications which are either incomplete or unaccompanied by prescribed fees are liable for rejection.
5. Application can be submitted in person at the office along with required documents between 10 a.m. and 5 p.m. on any working day, or, can also be submitted by post.

6. Fee concession of 5% will be given to girl students in Tuition Fee only.
7. After receiving the completed Admission form along with required documents, call letters are dispatched to the students, they are called in batches and given a lecture of 1½ hour duration. After completion of the lecture students are called for individual interview and are asked the question from the particular topic discussed in lecture. Results are declared on the same day soon after the interview. OR Student may be called for interview/written test, depending on the number of application received.
8. If the student qualifies in the Interview, Written Test a seat is provided to him and he will be required to pay the **admission fee** on that particular day only.
9. In the event of a candidate fails to deposit the fees, admission shall be given to the next candidates in the merit waiting list in order to complete the intake. Such candidate will have to deposit their fees on or before scheduled date and time for admission to the relevant course.
10. However admission to the LNVN Society Institutions for Regular / Part time Classes for various courses will be made by a selection committee comprising of three highly qualified staff under the chairmanship of the Director of the Organization, and his decision will be final and binding.

### **RESERVATION OF SEATS FOR AERONAUTICAL, ELECTRONICS & MECHANICAL**

After depositing an amount of ₹ 10,000/- by Demand Draft in favour of **School of Aeronautics** as the case may be, payable at Delhi as a reservation of one seat before fulfilling the admission formalities for the said session. Students should carefully note the minimum eligibility criteria before paying the seat reservation charges.

- a. If the candidate is selected for Engineering course the amount deposited for reservation of seat will be adjusted against admission fees and the remaining amount of admission fees will have to be deposited within 10 days after declaration of the result of written test/interview conducted by the institute for the entrance examination.
- b. In case the candidate is rejected for admission in entrance examination the whole amount of fees for reservation of seat will be refunded.
- c. The said amount is neither refundable nor transferable to any other course or person in the event of selection of the candidate and if he/she is unwilling to take admission due to any reason what so ever.

### **RULES AND REGULATIONS TO BE OBSERVED BY STUDENTS FOR WHOM ACCOMMODATION HAS BEEN ARRANGED BY THE INSTITUTE**

1. A student will have to stay for a minimum period of 12 months in a particular place and will have to pay the advance rent, which is non refundable in case the student vacate the hostel at an earlier date without notice for a period of 2 months.

2. A student will have to accommodate if possible with one or two inmates on rent sharing basis.
3. Guests or outsiders are strictly prohibited from entering the room without prior permission of the Institute or Owner of the house.
4. Every inmate shall come back to their respective rooms latest by 7 pm during summers and 6 pm during winters.
5. Disciplinary action will be taken for violation of rules and misconduct by students in all matters of discipline, the decision of the management shall be final and legally binding. A student may be told to vacate the room within 24 hrs. on any of the grounds of theft, smoking, fighting, causing damages, ragging, abnormal behavior, use of drugs and alcohol, indiscipline, violation of rules, non payment of rent, security deposit etc. A student expelled on disciplinary ground shall forfeit his fees and security deposit, if any. Students are not even allowed to drink alcohol outside and come back to stay in hostel. If any such type of case is found, a strict disciplinary action will be taken against the student.
6. Student will be required to pay the amount towards the damage, theft or breakage done to the building, electrical appliances, furniture, kitchen utensils etc. If the damage, theft or breakage is done in a particular room, charges will be collected from the room mates and if the damage theft or breakage is done with kitchen utensils etc. or any other common item of the building, charges will be collected from all the inmates of the hostel.
7. Building rent will be equally shared by the students staying in that particular building. Electricity charges spent for more than ₹ 500/- per month per flat, has to be paid by students equally.
8. If hostel is dissolved due to any misbehavior, misunderstanding or fighting between the students, hostel security deposit shall not be refunded to any of the students.
9. If any student is not found studying in hostel during study hours in the evening, he may be called to the Institute for the self study from 5.00-8.00 p.m., failing which a fine of ` 50/- per day will be levied on them, and they will not be allowed to attend further classes until the dues are cleared.
10. Students are allowed to come in their casual dresses during self study hours.
11. On Sunday their will be full holiday, and they can go out any where they want, and report back in hostel latest by 7 pm in the evening, failing which a fine of ` 100/- will be levied on them.
12. Hostel students can also watch one movie in Institute premises on alternate Saturdays, 2 PM onwards.
13. Electricity and water Bills are required to be paid by students.
14. Hostel Charges shall be deposited in the institute latest by 10th of every month failing which a fine of ` 10/- per day will be charged.
15. A student and his parents/guardian/sponsor is expected to satisfy himself that the above rules and conditions are agreeable to them before joining the college or rental accommodation arranged by the Institute and will be responsible for any consequences for non conformity with the rules.
16. No outsiders are allowed in the hostel without the permission of the Director of SOA/SOA(N). If at any stage it will be found that any

outsider visited the hostel premises without the permission of the Director of SOA/SOA(N), strict disciplinary action will be taken against the hostel inmate, which may in result in expulsion from the hostel without any notice.

17. Girls are not allowed to visit the boys' hostel neither the boys are allowed to visit the girls' hostel.
18. If any student absents himself / herself without intimation to hostel warden, they will be required to pay a fine of ` 500/- per day, and their parents will be required to be present in the Institute for giving written assurance of the behaviour of their ward in future. On furnishing of above two conditions only student will be further allowed to stay in hostel, failing which an disciplinary action can be initiated against him / her which includes forfeit of hostel security paid by parents / student and debarring his / her entry into hostel.
19. If any hostel student is found absent from classes/tests without permission of hostel warden in writing, they will be required to pay a fine of ` 100/- per day. It is to be paid on the very same day. It is compulsory for the students to attend morning prayer after getting fresh.
20. If at any stage students want to vacate the hostel, his /her application in this regard shall be duly signed by his/her parents only.
21. It is compulsory for the students to attend morning prayer in hostel at the specified timings, failing which disciplinary action may be initiated.

I have read the rules and regulations given above and hereby agree to abide by them. I have also checked all the building articles and found that they all are intact and not broken.

**Sig. of the Student**

Name of the Student:

Reg No.:

**Sig. of the Parents/Guardian**

Place:

Date:

**STUDENTS AND PARENTS GETTING ADMITTED TO THE INSTITUTE AND JOINING THE HOSTEL ARE REQUIRED TO SIGN THE ABOVE AGREEMENT ON STAMP PAPER OF VALUE ₹ 10. STUDENTS WILL BEAR THE ABOVE MENTIONED EXPENDITURE.**

# Why To Join Us

- Highest Placement record for both OJT'S & Jobs.
- Only Institute in India to provide Free inhouse OJT on its own two heavy aircrafts.
- Institute has two 52 seater heavy aircrafts [Fokker Friendship (F27)] for practical trainings.
- One of the few institutes in India to have it's own Wind Tunnel for Aerodynamics Practical workshop.
- Attractive scenic campus at Neemrana, Delhi-Jaipur highway, just 110 km. from New Delhi.
- Well equipped laboratories and workshops.
- Fully experienced & highly adaptive & motivated faculty .
- Regular Seminars for students & faculty.
- Well equipped library with thousands of books & magazines, periodicals & journals and e-books.
- 100% ragging free environment.
- Separate hostels for boys and girls. (Air conditioned accommodation is also available).
- Well cooked hygienic food and comfortable environment in the Hostel.
- Separate administrative and academic Wardens.
- Separate training and placement cell for students.
- Industrial Training for students with different airlines (Indian Airlines, Air India, HAL Kanpur, HAL Lucknow etc.)
- The management has proven record of excellence in technical education.
- Special care for extra curricular activities of the students.
- Regular Excursion & Educational trips for Students.

## Fee Structure (For AME Course)

For fee structure, please see college website :

**[www.soaneemrana.org](http://www.soaneemrana.org)**

# Maps & Directions





*Laxmi Narain Verma Memorial Society*

*School Of Aeronautics*

*School Of Aeronautics (Neemrana)*

E-Mail: [info@soaneemrana.org](mailto:info@soaneemrana.org); [ccashoka@gmail.com](mailto:ccashoka@gmail.com)

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Delhi-Jaipur Highway

Neemrana, Distt. Alwar

Rajasthan-301705.

Ph.: 9870273846

Corporate Office:

H-974, Palam Extn, Part-I

Near Sector-7, Dwarka

New Delhi - 110077

Ph: 011 - 25084354, 25074384

9312408654, 9811315363