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SCHOOL OF AERONAUTICS (NEEMRANA)

2017-18



School Of Aeronautics (Neemrana)



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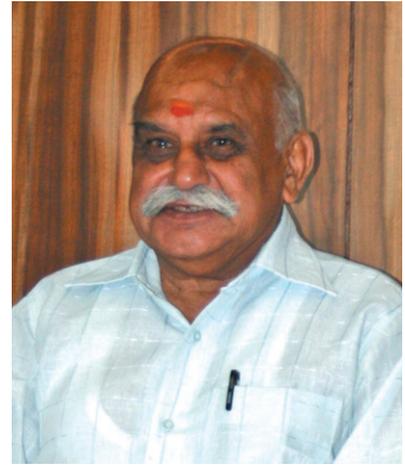
DIRECTOR'S MESSAGE

School of Aeronautics, with its culture of fostering scientific innovation, has always been at the forefront of Aviation Technical Education, in our country. Our Academically rigorous but intellectually satisfying environment helps us attract and nurture our country's best and brightest students. Students here are trained to be ready to face any challenge that may come in their path. This helps them become not just the next great innovators but also leaders in their respective fields. Our strong alumni base and highly motivated faculty are testimony to this fact.

In a rapidly changing global economy, students have to be dynamic and ready to face diverse challenges. I can gladly say that the training provided by our institute, equips them with all the tools that are necessary to become leaders in their fields. This helps them to succeed not just in India but on a global level as well. I would thus like to take this opportunity to invite companies for campus recruitment on behalf of School of Aeronautics and sincerely hope that this would be the beginning of a new era where our students are able to contribute effectively.

Dr. Chattrapati C Ashoka

ADVISER (ACADEMICS) MESSAGE



In the age of globalization and rapid changes in many industries, aviation stands out as one of the fastest growing and most dynamic sector in Indian economy. With the industry landscape shifting constantly, the momentum of this change looks set to accelerate in size and scope, calling for a new generation of air transport leaders. To stay ahead of the curve, airline leaders need to be able to think in possible scenarios and rapidly adopt their business models to changing market conditions. As per Times of India dated 2015-11-02, the number of air travellers in the country is stated to rise more than three folds to 218 million by 2025 from 70 million in 2015 & each metro requires a second greenfield airport to handle the traffic. According to the report commissioned by Vistara Airline and conducted by industry body CAPA (Centre for Asia Pacific Aviation), aviation can contribute 5% to the country's GDP or \$ 250 billion by 2025.

Therefore, we at School of Aeronautics, Neemrana do not just prepare our students to become excellent engineers but we build an effectivescent community of Aeronautical & Mechatronics Engineers, where faculty and students are cronies in a mutually inspirational education process, engrossed in learning. This learning process leads to the inventions, discoveries and then to innovations in learning. The two streams we have chosen are interdisciplinary and continue to evolve at a rate faster than other disciplines. The 4 years academic programmes that is designed & implemented by Rajasthan Technical University are targeted at providing the undergraduate with a solid foundation for understanding advancing technology. This is supplemented by strong emphasis on good experimentation and accurate measurement as the basis for fact and understanding.

It will not be out of place to mention that ours is the only Aeronautical Institute which not only has the largest campus in India for AME course, two 52 seater Fokker Friendship, F -27 heavy aircraft, for hands on, On Job Training, but also prepares its students for dual qualifications i.e. Aircraft Maintenance Engineering, recognized and awarded by DGCA and B.Tech (Aeronautical specialization in maintenance) recognized by AICTE and awarded by Rajasthan Technical University, Kota.

I can assure you that our well trained engineers are equally competent in maintenance, research, development, innovation and also capable to master any pivotal professional as well as management position, in air transport industry, as we always look for developing "Creative Problem Solving Strengths" in our students. At the same time we encourage students to grow as effective team players, with a strong sense of ethics, communication skills and zeal to outshine and develop leadership qualities.

I am confident that our students can play the role of strategic architects and advocators of cultural change, aligning strategic business priorities with future needs, once inducted in your esteem organization.

Prof. (Dr.) V.S. Bajpai



CEO'S MESSAGE

Welcome to School of Aeronautics (SOA). I am honoured to introduce SOA (Neemrana), as a growing Institute in the field of aviation, established in the year 1992, approximately 24 years of dedicated service in producing quality technocrats in the field of aviation. School of Aeronautics is one of the leading Institution in India providing Aeronautical Engineering, having dedicated and qualified staff, highly, conducive environment for teaching-learning process and lush green campus are the hallmarks of this professionally managed Institution.

School of Aeronautics , understands the importance of broad based education and has created a conducive environment for its students to blossom into complete individuals. SOA believes in inculcating right attitude in the minds of young students and develop them as individuals who have the innate desire not just to succeed in their own lives but also to contribute meaningfully to societal development in all possible spheres.

The alumni of this Institute occupy very good positions in aviation industry, R & D and academia in India and Abroad. The Institute has consistently produced outstanding Engineers who have excelled in their career and occupied responsible position in some of the best known enterprises in India and across the globe.

I will be extremely obliged if you could be a part of our endeavour of making the untapped talent shine. I would like to invite you for campus placement drive of final year students.

Dr. Jyoti Ranjan

PRINCIPAL'S MESSAGE



It is my pleasure to welcome you to School of Aeronautics (Neemrana), an Institution under Laxmi Narain Verma Memorial Society (LNVMS) Group of Institutions. The School of Aeronautics (SOA) has set itself a Vision, “Live to Serve”. The evolution of the SOA over the past two decades has witnessed strong blend of state-of-the-art infrastructure and intricately intertwined human resource committed to impart professional education in the field of Aeronautical Engineering, Mechatronics Engineering as well as Aircraft Maintenance Engineering with thrust on creativity and innovation.

We strive to deepen our core values of discipline, life-long learning, respect and responsibility to create a healthy atmosphere of excellence and an education hub with humane values and social commitment. We nurture full-fledged education classes, regular counseling sessions to make our students industry-ready, to facilitate a campus for smooth corporate transition which will enhance employability quotient of our future technocrats.

The combination of B.Tech and AME gives the wide scope and acceptability in the field of job employability. In B.Tech students are trained for design, analysis, reasoning, testing, certification etc., where in the AME various aspects are covered towards the maintenance of aircraft etc. The coverage of both the courses gives the wide appreciation of the subjects and their knowledge. In aeronautics it is expected to attain successes in first attempt, therefore more emphases are given to teach the students with better understanding of the subject basics along with practical and their applications. The exceptional emphasis is also given to develop the student's personalities and soft skill to improve and match with the job recruitments.

To impart more emphasis on system knowledge and practical exposure in the field of Aeronautical Engineering, Mechatronics Engineering as well as Aircraft Maintenance Engineering, our institution has incorporated with 2 F-27 aircraft, 8 Engines and Cut view parts of many subsystem and system wise components of aircraft on which our trained faculty staff members and expert persons provide a better explanation, expression and familiarization to the students.

SOA, has disciplined campus with aesthetically laid out buildings, comfortable hostels, well equipped laboratories and workshops meeting all the technical recruitments, rich library and computer center, a team of dedicated and well qualified Faculty Members and R&D wing for facilitating teaching staff and students to use for their studies and career development.

The special care of food and hygienic conditions are taken for all the residents of schools and staff so that they should utilize maximum times constructively. The periodic counseling of all the students is organized so that they should feel comfortable and homely in the college. Special technical tour are organized for the benefit of all the students for their industrial exposure, development of leadership, team spirit attributes and stress relieving.

Parents are encouraged to visit the SOA, consult with the Faculty members and participate in SOA functions, which are held for dynamic aspirants to groom them and inculcate social as well as event management skills. Moreover, the SOA conducts a wide range of courses like Personality Development, Workshop for new technologies to impart life skills and Global competencies. Many reputed companies visit our campus to recruit our students. I am sure you that our students will have jobs in one hand and a degree in other after completing their engineering courses.

I am confident that your stay in SOA will be an exciting learning experience of a lifetime, leaving indelible print on your vision for future to become a landmark for higher education. I value your presence in SOA family. My warm wishes to parents and prospective students to School of Aeronautics (Neemrana).

Prof. (Dr.) Birendra Rai



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.

SCHOOL OF AERONAUTICS (NEEMRANA)

School of Aeronautics established in 1992, since then we are into providing world class Aviation Education, in various disciplines. School of Aeronautics (Neemrana) established in 2006, after successfully running School of Aeronautics (Delhi) for 14 years.

The managing body is Laxmi Narain Verma Memorial Society, which was founded in the loving memory of Shri L.N. Verma and registered under Societies registration Act XXI of 1860, registered at New Delhi.

School of Aeronautics, provides platform and environment for open discussions and interactions between the faculty and students and is designed to ignite and serve the urge to explore and learn beyond boundaries. Diversity and flexibility of options of courses to choose from is aimed at enabling students to pursue studies most suited to their intellect and talent. This would enable the students to discover, nurture and expand their individual talents, skills and interests so that they emerge as leaders in path breakers wherever they go.

School of Aeronautics (Neemrana) is situated in NCR on New Delhi Jaipur National Highway No.8 and is just one and a half hours drive from New Delhi, six lane express way. The functional & technical infrastructure is functional on sprawling 5 acres campus set in serene environment. The confluence of minds and cultures from all over the Aviation industry provides the ambience in shaping the students into aviation leaders.



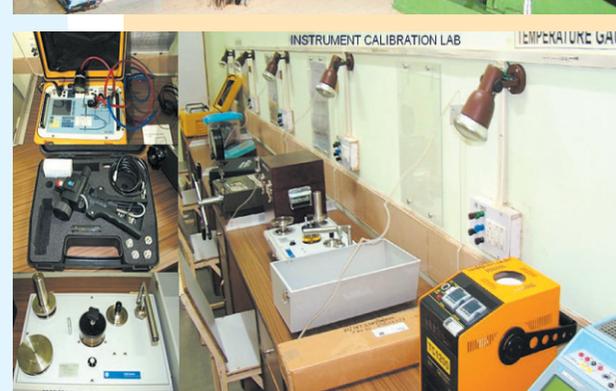
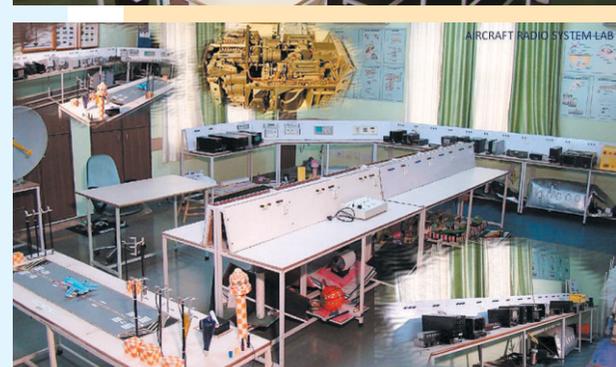
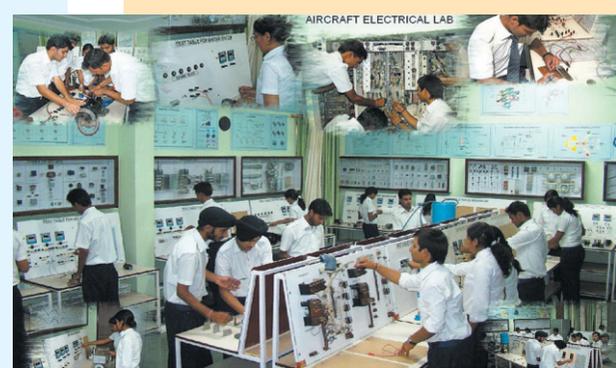
LABORATORIES

Practical training is an essential part of any engineering course. The institute has a well equipped workshops / laboratories to impart practical training to students in Basic Workshop Technology, Aircraft Electrical System, Aircraft Instrument System, Aircraft Radio & Navigation System, Airframe System and Aircraft Propulsion System. Other labs as per the requirements of students going through DGCA approved AME program are Basic Electricity, Basic Electronics, Nickel Cadmium Battery Shop, Lead Acid Battery Shop, Aerodynamics Lab, NDT lab and Jet Engine Testing Bench (as per students requirements. Eskara Engine is fired on bench and various parameters noted). These labs are equipped with all required training aids and other equipments required for practical demonstration and training.

Aircraft Instruments calibration facility using GE Sensing equipments are also available. Exposure to students is also given on Vedioscope (Olympus FX). Exposure of testing Aircraft Radio Equipment on aircraft using Ramp Tester IFR 4000 & 6000 is also given to students.

School of Aeronautics has two 52 seater fully serviceable Aircrafts for giving training to students. Size of each laboratory is 70 Sq Mts.

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 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. All the testing equipments are of APLAB.

Two AC power supply (APLAB make) 400 Hz, 115 V and 28V is available in labs for testing of Aircraft equipments.

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 to read as many books as they want on any subject. Area of library is 412 Sq. Mts.

CLASS ROOMS

The state-of-the-art, air-conditioned classrooms equipped with audio visual facility. Each class room is 70 Sq Mts in size.



EXTRA CURRICULAR ACTIVITIES

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, etc. are being provided to the students.

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.



RECENT ACHIEVEMENTS

National Rajasthan Education Summit and Awards 2015 was organized by CMAI, New Delhi, Supported by AICTE, AIU, RTU, NIELIT, NSIC, Department of MNRE, Department of MSME, Government of India, Electronic India and NIXI.

National Rajasthan Summit Award 2016 was Awarded to School of Aeronautics, Neemrana, Rajasthan for “Excellent & Fastest Growing Aviation Institute in India”



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National Rajasthan Education Summit & Awards 2015

Presented to

School of Aeronautics, Neemrana

Excellent Private Aviation Institute in Rajasthan

In

August Presence of

Prof. (Dr.) RK Khandal Former Vice-Chancellor Uttar Pradesh Technical University (Lucknow)	Hon'ble Prof. Vasudev Devnani Minister of State for Primary and Secondary Education	Prof. (Dr.) N.P Kaushik Vice-Chancellor Rajasthan Technical University, Kota
Prof. (Dr.) Prof. Vinay Kumar Pathak Former Vice-Chancellor Rajasthan Technical University	Hon'ble Prof. NK Goyal President CMAI	

26th August, 2015, Jai Mahal Palace, Jaipur (Rajasthan)

Jointly Hosted with National Conference on Make in India, Skill India & Digital India

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10th National Education Summit & Awards 2016™

Presented to

School of Aeronautics, Neemrana

Excellent & Fastest Growing Aviation Institute in India

Chief Guest

Hon'ble Prof. (Dr.) Ram Shankar Katheria Minister of State for HRD	Hon'ble Prof. Anil D. Sahasrabudhe Chairman, AICTE
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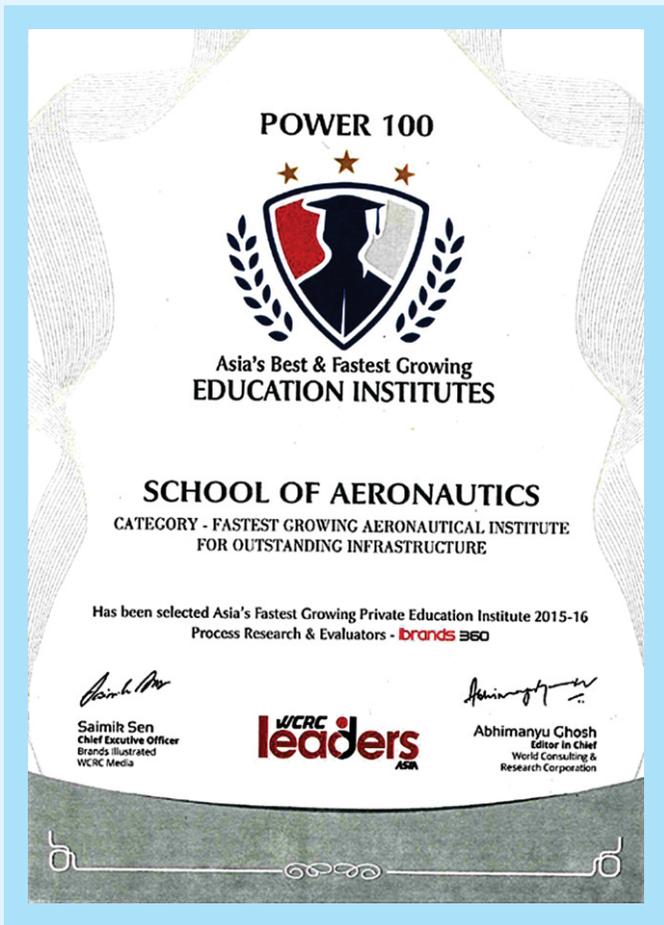
In August Presence of

Hon'ble Prof. (Dr.) RK Khandal Former Vice-Chancellor, UPTU (Lucknow)	Hon'ble Prof. (Dr.) DS Chauhan President (Elect), AIU Vice-Chancellor, GLA University, UP	Hon'ble Shri Antriksh Johri Director IT CBSE	Hon'ble Prof. NK Goyal President CMAI Association of India
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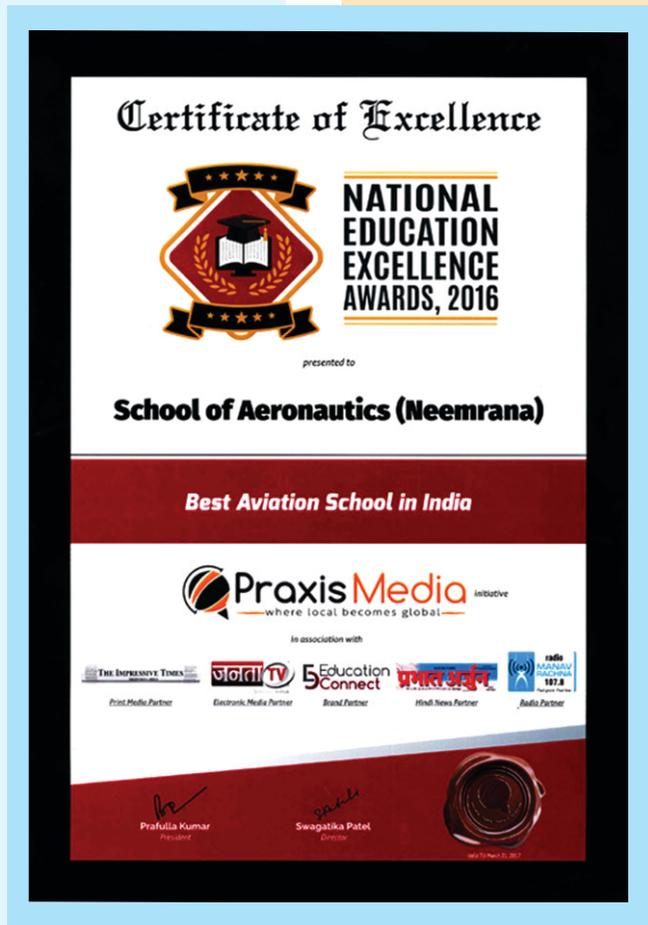
24th May 2016 at Vigyan Bhawan, New Delhi

Along with National Higher Education Summit for Skill Development

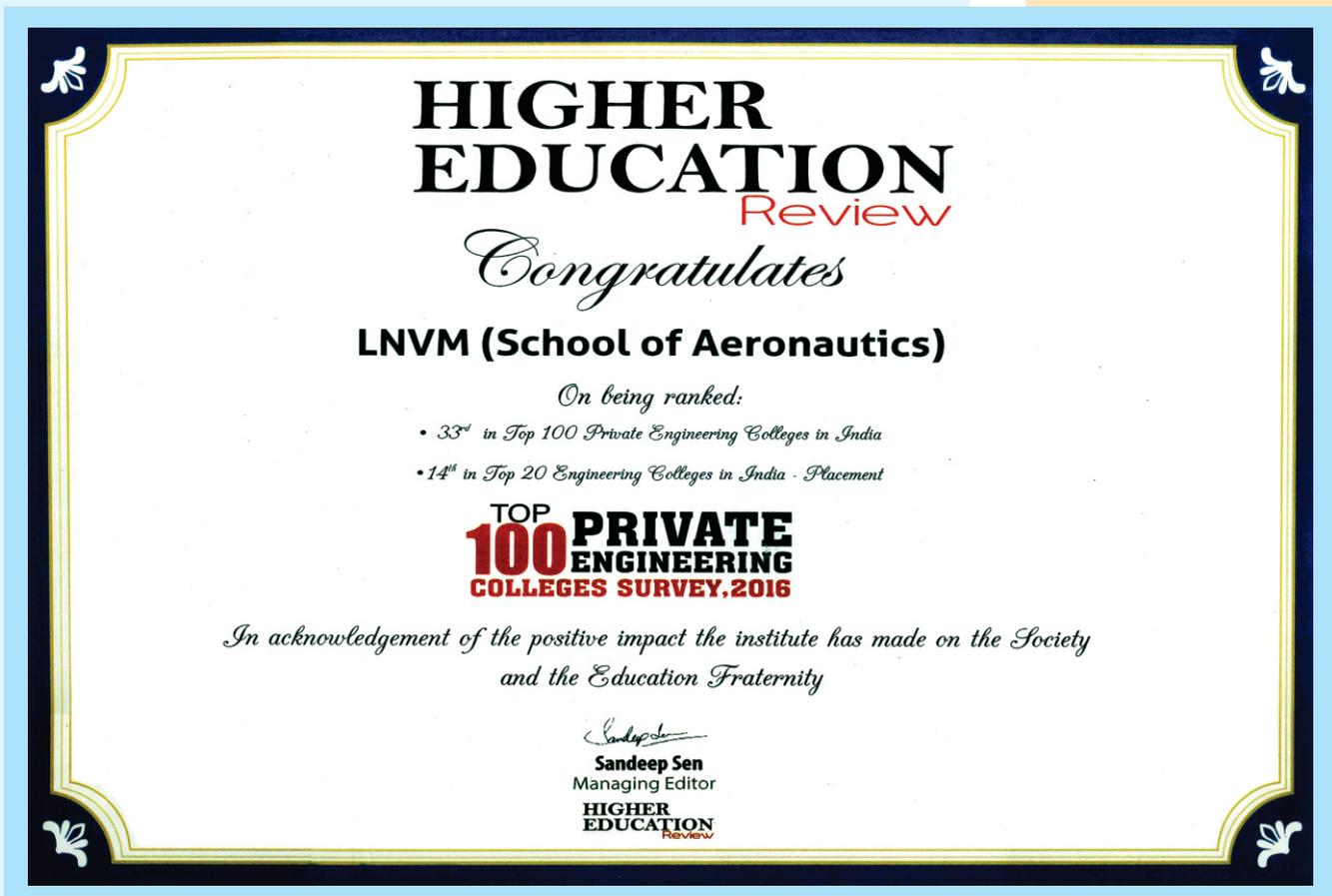
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Asia's Best & Fastest Growing Education Institutes Award



Best Aviation School in India Award





TEACHING & FACULTY

“School of Aeronautics (Neemrana) 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 (Neemrana), 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 programs, so that students can learn with attitude and empathy: The pedagogy lays emphasis on:

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



ACCREDITATIONS

School of Aeronautics, Neemrana is approved by following authorities:

1. All India Council For Technical Education for B.Tech Programs.
2. Director General of Civil Aviation, Government of India for providing Abinitio Training in the field of Aircraft Maintenance Engineering.
3. Affiliated to Rajasthan Technical University, Kota for B.Tech Program.
4. Licensed by European Aviation Safety Agency, Germany for providing e-Learning programs and conducting their e- Examinations.



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, Quality Control & Planning, technical sales, and Maintenance of Aircraft System.

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

At School of Aeronautics (Neemrana) we assure students, as and when they culminate their course, they will be well armed to take on any task relating to 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:

1. B.Tech (Aeronautical Engineering), 4 Yrs Duration.
2. B.Tech (Mechatronics Engineering), 4 Yrs Duration.
3. Aircraft Maintenance Engineering, 3 Yrs Duration.





INTERNSHIP / PROJECTS / PUBLICATIONS

Mandatory fifty days internship in department specific industry to gain hands on experience in the third year of undergraduate study. Apart from this, frequent industrial visits and training sessions are organized for the students.

Students undertake various interdisciplinary-research and industrial projects under the guidance of the faculty solving real-life problems pertaining to research and the industry. Moreover, the B.Tech students have to complete a 'Thesis Project' in the final year of their Engineering course.

Students actively publish their work in the form of research papers in reputed national and international conferences and referred journals.



OUR ILLUSTRIOUS ALUMNI

Our alumni find themselves in all areas of engineering and academia. Whether they have been part of our undergraduate or AME programs (or both), our students are prepared to enter the world as practiced professionals.

Details of some of the alumni are as follows:

Sl. No.	Name	Qualification	Designation	Organization
1.	Rahul Pandey	B.Tech Aeronautical	Executive Vice President	Aric Airlines
2.	Sonica	B.Tech Aeronautical	Flight Lieutenant	Indian Air Force
3.	Sonia Goel	B.Tech Aeronautical	Design & Estimation Engineer	Honey Well International
4.	Shrey Gupta	AME	Safety Manager	Air India
5.	Eusebious Chulli	B.Tech Aeronautical	Asst. Prof. & Research Scholar	Hindustan University
6.	Dipankar Roka	B.Tech Aeronautical	Business Consultant	NICHEBEES Techno Solution
7.	Vineet Mohali	B.Tech Aeronautical	Design Engg.	DURR Systems
8.	Rahul Singh	B.Tech Aeronautical	Project Engg. (Design)	SMCS Pvt. Ltd.
9.	Sanjeev Kumar	B.Tech Aeronautical	Sr. Manager, ERP	KENMORE Vikas India Pvt. Ltd.
10.	Manoj Kumar Barman	B.Tech Aeronautical	Asst. Commandant	Coast Guard
11.	Dwebendu Kusahu	B.Tech Aeronautical	Asst. Professor	RV University
12.	Sujeeta	B.Tech Aeronautical, AME	Sr. Engineer	GMR Aerotech Ltd. Hyderabad
13.	Anil Jaiswal	B.Tech Aeronautical	Deputy Manager	Mahendra & Mahendra Ltd.
14.	Rima Roy	B.Tech Aeronautical, AME	Sr. Engineer	GMR Aerotech Ltd. Hyderabad
15.	Chetan Prakash	B.Tech Aeronautical	Design Engineer	Infotech Enterprises Ltd.
16.	Manoranjan Kumar	B.Tech Aeronautical	Sr. Planning Engg.	Jet Airways
17.	Prasanna Sidhartha	AME	Executive (Engg. Training)	Indigo
18.	Rohit Kumar	AME	IFE Engineer	Panasonic
19.	Kinsuk Sikri	AME	Maintenance Engineer	Jet Airways
20.	Anshul Soni	AME	Sr. Manager (QATS)	Indigo
21.	Ashish Mathur	AME	Asst. Manager	Airbus
22.	G. Sameer	AME	Maintenance Engineer	Qatar Airlines
23.	Parwaiz Alam	AME	Manager MCC	Indigo
24.	Gourav Dhingra	B.Tech Aeronautical, AME	Asst. Manager	GMR
25.	Azim Aijaz	B.Tech Aeronautical	Asst. Professor	Trinity Institute of Technology & Research
26.	Kamal Sharma	B.Tech Aeronautical	CMD	Kambill Systems

WHY RECRUIT AT SOA

School of Aeronautics established in 1992, since then we are into providing world class Aviation Education, in various disciplines. School of Aeronautics (Neemrana) established in 2006, after successfully running School of Aeronautics (Delhi) for 14 years.

School of Aeronautics, provides platform and environment for open discussions and interactions between the faculty and students and is designed to ignite and serve the urge to explore and learn beyond boundaries. Diversity and flexibility of options of courses to choose from is aimed at enabling students to pursue studies most suited to their intellect and talent. This would enable the students to discover, nurture and expand their individual talents, skills and interests so that they emerge as leaders in path breakers wherever they go.

INPUT QUALITY

All admissions to SOA are made on Merit basis. Admissions to Neemrana campus are made through a highly competitive common entrance test conducted by RPET and AIEEE.

SOA also conducts its own Tests and Interviews for admission to its Degree programs. Minimum percentage of marks in qualifying examination to appear in the admission test for SOA is 60% marks in PCM.

ACADEMICS

SOA education system is highly innovative and provides a lot of academic flexibilities.

1. Students can work for two concurrent programs i.e B.Tech (Aeronautical) plus Aircraft Maintenance Engineering.
2. The emphasis on first two years in undergraduate studies is to inculcate a strong fundamental knowledge of Mathematics and Sciences.
3. Students across the disciplines undergo common courses like Computer programming, Workshop Practice, Engineering graphics, General Engineering etc.
4. The course content are reviewed regularly to keep pace with the recent advancements around the world.
5. Academics is meticulously organized. A complete day-by-day plan for the class room teaching program and evaluation scheme for the full semester is handed over to the students at the start of the semester.
6. The evaluation model is continuous internal evaluation and is very open. All exam papers including the final examination, are returned to the students after evaluation along with model solutions.
7. Students choose to do a Thesis or Practice School (Industrial Training) in their final year as a part of the curriculum.

PRACTICE SCHOOL : THE INSTITUTE-INDUSTRY LINKAGE

The Practice School (Industrial Training) component is inducted into the course structure and almost all the students undergo this component which provides them a thorough exposure to the core industry and corporate experience.

In addition to this, all students are required to complete a one and a half month training during the summers of their third year in industry.

This is a unique and innovative strategy to groom the students while gradually exposing them to the corporate and research world.

Almost all the major corporates, research facilities, institutes and well-known organizations are Practice School stations for SOA.

FACULTY

1. We have versatile, professional and trained faculty in all disciplines.
2. Guest lectures from eminent personalities of the industry are frequently organized

RESEARCH & DEVELOPMENT

1. SOA has a number of well equipped laboratories with state of the art facilities.
2. Students gain valuable experience in the forefront of scientific research through project type courses and thesis work.

ALL ROUND DEVELOPMENT OF STUDENTS

1. The Institute provides all the required facilities for sports and recreation to ensure overall development of every student.
2. Students operate various clubs existing on the campus for example Dance / Drama and Music Club, Book Club, Innovation Club, Sports Club, Green Club, Meditation & Yoga Club, Social Club, Technology Club, Seminars & Events.
3. Internal organizations like the SOA Alumni Association, the Centre for Software Development, Centre for Entrepreneurial Leadership etc. at campus are all run responsibly by students of various years and batches in a professional manner.

4. The Students' Activity Centre is the nerve centre of all student activities on the campus. A number of literary and social activities take place on the campus throughout the year.
5. Each year students organize an Inter-College, national level, Techno cultural meet called 'AERO TECHNO CULTURAL FEST'.

SOFT SKILLS

1. SOA's educational system puts ample opportunities for development of Soft skill & Emotional Intelligence.
2. Many courses have mandatory class room presentation and group discussion components which help improve communication skill.
3. Many students learn foreign languages by enrolling in external courses like German, French etc., off campus.

ALUMNI

1. SOA is proud to have as its alumni a large number of illustrious and world renowned Engineers, Scientists and Entrepreneurs, Industry Leaders and Professors.
2. Numerous alumni are actively engaged in the Institute's affairs as volunteers, locally and across the world, through the Alumni Association. Adding value through alumni-student interactions such as the Mentorship Programme.

RANKING

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National Rajasthan Summit Award 2016 was Awarded to School of Aeronautics, Neemrana, Rajasthan for "Excellent & Fastest Growing Aviation Institute in India"

Asia's Best & Fastest Growing Education Institutes Award

Best Aviation School in India Award

SOA is ranked among the top few Institutions in the country by aspiring candidates and recruiters.

Ranking by reputed magazines have always positioned SOA among the top few Institutions in the country.

STUDENTS PROFILES (B.Tech Aeronautical)



Name : Raghav Vashisht

Age : 21

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: Axial Flow Compression
(Both as Minor & Major project).

Summer Internship: HAL (Koraput & Kanpur) on
SU-30MKI, DORNIER-228).

Title/Description: I will prefer Maintenance/
Designing job.

Why should you employee me?

As I am a fresher, so I need a platform where I
can lean something new and show out my skills
and enhance it.

Professional Qualification Skills:
Aircraft Maintenance Engineering (AME)

Result: 81%



Name : Gajanand Jat

Age : 22

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: Design of Turbo Fan Engine.
Designing & Testing of NACA 2412 Airfoil.

Summer Internship: 1 month from Air India
Delhi. 45 days CATIA training from CETPA
Infotech, Noida.

Title/Description: Aircraft Technician,
Designing & Manufacturing of Aircraft parts.

Why should you employee me?

I can complete my task within the given time. I
can grasp any concept or ideas in minimum
time. I can easily adjust in any environment.
Passion and eagerness to learn.

Professional Qualification Skills:
Aircraft Maintenance Engineering (AME)

Result: 80%



Name : Rahul Raj Vardhan

Age : 22

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: Design and Analysis of NACA
(23012) Aerofoil.

Summer Internship: Air India Mumbai.

Title/Description: Maintenance.

Why should you employee me?

I am a fresh enthusiast graduate and eager to
learn, and grasp knowledge at minimum time.
Hardworking and believe in team work.

Result: 78.04%



Name : Radhika Patel

Age : 21

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: CFD Analysis and working
model of VTOL.

Summer Internship: Aeronautical Development
Establishment, DRDO, Bengaluru.

Title/Description: Aircraft Design / Research in
manufacturing.

Why should you employee me?

Having qualities to become a successful in any
of my interested field. Hard working, a good
listener and curious to learn new things.

Result: 77%.



Name : Syed Ahrar
Hussain

Age : 23

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: Design and Analysis of NACA
23012 Aiefoil.

Summer Internship: Air India (Mumbai), HAL
(Bengaluru).

Title/Description: Designing Field and Planning.

Why should you employee me?

I am a quick learner, punctual and good in
communication skills. Punctual and complete
my work within given stipulated time. It will be a
platform to show my skills.

Result: 76%



Name : Anuj Kumar

Age : 21

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: Design and Analysis of Wing
Structure.

Summer Internship: Hindustan Aeronautics
Limited, Bangalore, Air India, Mumbai.

Title/Description: Manufacturing and
Maintenance of Aircraft and its parts, analysis of
Aircraft parts (Engine).

Why should you employee me?

I am a hardworking person. I love accepting
challenges and brave to do hard work for the
company. I have adjusting nature and have time
management quality.

Result: 76%



Name : Rohit Kumar

Age : 23

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: Design and Analysis of NACA (23012) Series.

Summer Internship: Air India (Mumbai), HAL (ARDC) Bangalore and HAL (Main Factory) Bangalore.

Title/Description: Designing and Aircraft Maintenance Engineering.

Why should you employ me?

Having good leadership and communication skills. Hard working and organized. Interested to learn new technical things. Passion and eagerness for improvement.

Result: 74.56%



Name : Raja Kumar Yadav

Age : 22

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: Air Flow Distribution over Different Aerofoils.

Summer Internship: Air India, Mumbai.

Title/Description: I am seeking a competitive and responsible training in aviation field, where I can contribute what I have learnt through academic session to gain some practical and real life experience.

Why should you employ me?

I am quick learner. I want to execute my theoretical knowledge into practice. The ability to maintain to meet deadlines and work under pressure. Can easily adjust in any environment. Good concept of aircraft stability.

Result: 73.5%



Name : Jennifer R. Gautam

Age : 21

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: CFD Analysis of Wing Design.

Summer Internship: HAL, Bangalore, Air India, Mumbai.

Title/Description: Manufacturing / Designing / Maintenance.

Why should you employ me?

I have the leadership qualities, I am a good listener and hardworking, I have practical knowledge related to my field.

Result: 73.5%



Name : Vaishali Tiwary

Age : 21

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: CFD Analysis of Wing Structure.

Summer Internship: Development Research and Development Laboratory (DRDL) Hyderabad.

Title/Description: Designing / Manufacturing / Maintenance.

Why should you employ me?

I am hardworking and interested in knowing new things. I am good listener and I have good adapting skills.

Result: 73%



Name : Shashikant
Bhardwaj

Age : 22

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: Moon Buggy, GSLV Mk-II (Rocket), Hydraulic & Automatic Landing Gear, Angle of Attack Indicator, RC-model etc.

Summer Internship: Pawan Hans Limited (Helicopters), CATIA Training from (ETPA) Infotech Ltd., NASA Rover Training Camp.

Title/Description: Familiar with Bell 206 & 406, Mi-172, Douphin Helicopters, Fokker F-27, Made Moon Buggy for NASA Human Exploration Rover challenge.

Why should you employ me?

If you hire me then it will be a great privilege for me to showcase my skills, that I have earned during my academics.

Result: 72.65%



Name : Gopal Jat

Age : 22

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: Designing of Aircraft Wing and Analysis in CFD.

Summer Internship: Air India, Delhi. CATIA from FOSTON Solution, New Delhi.

Title/Description: Aircraft Technician, Maintenance Field and Designing.

Why should you employ me?

I can complete my task within the given time. I can grasp any concept or ideas in given time. I can easily adjust in any environment. Passion and eagerness to learn.

Result: 72%



Name : Suraj Raghav
Age : 23
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: CD Nozzle, RC Plane, Quad Copter, AC Lighting System, AC Braking System, Hydraulic & Pneumatic System.

Summer Internship:

Title/Description: Design Engineer.

Why should you employ me?

I am a quick learner and can grasp any concept or technique in minimum possible time. Hard working and can complete a task within the given time. Can easily adjust to any environment and give my hundred percent in any situation. Have good leadership and problem solving skills.

Result: 72%



Name : Shubham Singh
Age : 21
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: R.C. Plane modelling. Analysis of airflow over NACA 2412 in subsonic wind tunnel. Design and simulation of "Unmanned Aerial Vehicle". Working model of Landing Gear System. Arduino based projects.

Summer Internship: HAL Lucknow.

Title/Description: Design and analysis of aircraft parts and related components.

Why should you employ me?

Knowledge in various designing software like AutoCAD, CATIA and analysis software like Ansys. Quick learner to latest technology trends that makes me adaptive to changing work environment. Good leadership skills. Good moral and ethical values that make me acceptable in every community.

Result: 71.65%



Name : Lakhani Aliraza
Age : 22
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project : CFD and CATIA Analysis of Different Aerofoils.

Summer Internship:

Title/Description: Maintenance, manufacturing or technical within Delhi NCR, Gurgaon or Noida. CFD and CATIA analysis of different aerofoils

Why should you employ me?

Get on well with people at all level, easily making good working relationship. Working with others in a group sharing information. Proper management of time, resources and focus can really wonder in the work place. Thinking out of the box; coming up with new things rather than sit and wait until things come to you.

Result: 71.38%



Name : Rahul Soni
Age : 22
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: Axial Flow Compression.

Summer Internship: HAL Koraput on SU-30Mk-I.

Title/Description: Designing & Manufacturing.

Why should you employ me?

I have good management skills. I always try to handle situations peacefully. I have good leadership quality. I am a person who always try to give 100% in any task.

Result: 70%



Name : Srijan Shubham
Age : 20
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: Design and Analysis of Turbofan Engine.

Summer Internship: Hindustan Aeronautical Limited (HAL) Koraput.

Title/Description: Designing and Analysis, Maintenance.

Why should you employ me?

I am having partial knowledge of CAD, CATIA designing software and friendly nature, good learner.

Professional Skills :

Aircraft Maintenance Engineering (AME).

Result: 70%



Name : Joel A. Pereira
Age : 21
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project : Design and Analysis of UAV.

Summer Internship: Ethihad Airways Engineering, Abu Dhabi, UAE.

Title/Description: Designing and Planning. Maintenance, Aircraft Check.

Why should you employ me?

I would be a great asset to your company and help in increasing the development of the company by working sincerely and honestly.

Result: 69%



Name : Himani Pandya
Age : 21
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: CFD Analysis of Convergent Divergent Nozzle.

Summer Internship: Air India Mumbai.

Title/Description: Manufacturing, Research and Development.

Why should you employ me?
 Have good leadership and problem solving skills. Can easily adjust to any environment and will give my hundred percent in any situation. Hard working and a good listener.

Result: 68%



Name: Badri Vishal Pandey
Age : 22
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: Designing and Analysis of Turbo Prop Aircraft.

Summer Internship: Air India Mumbai.

Title/Description: Aircraft Technician, Designing of Aircraft Components, Technical illustrator, Maintenance and Planning.

Why should you employ me?
 Having good leadership, Analytical and problem solving skills. Quick learner & can grasp any technique in minimum possible time. Easily adjustable in any environment & give my 100% in any situation. Good communication skills.

Professional Skills :
 Aircraft Maintenance Engineering (AME).

Result: 68%



Name : Ajeet Singh
Age : 22
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: Designing and optimisation of NACA 23012 Aerofoil. UAV engine testing and fuel system testing of Rustom-2 UAV Aircraft.

Summer Internship: Aeronautical Development Establishment (DRDO) Bangalore.

Title/Description: Designing, Manufacturing and Maintenance of Aircraft and it's Components.

Why should you employ me?
 I am a quick learner and can easily grasp any technique in minimum possible time. Having good leadership, analytical and problem solving skills, well organized, hard working and having good communication skills. Easily adjustable in any environment and can give 100% in any situation.

Result: 68%



Name : Deepak Gautam
Age : 22
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: 22 Seater Business Aircraft.

Summer Internship: HAL (Lucknow).

Title/Description: Wants to explore manufacturing and management job.

Why should you employ me?
 I can do the work and deliver exceptional result. I will be a great dedication to the team. I can be hard worker in tough conditions.

Professional Qualification Skills:
 Aircraft Maintenance Engineering.

Result: 67.8%



Name : Vikash Kumar
Age : 22
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: Airflow Distribution over various Aerofoil.

Summer Internship: Air India Mumbai.

Title/Description: I have learnt through academic session to gain some practical and real life experience. I am seeking a competitive and responsible training in aviation field.

Why should you employ me?
 I am a quick learner and can grasp any technical at least possible time. Hard working and never give up. I am having good adaptability and can adjust to any environment easily.

Result: 67.8%



Name : Abhiranjan Kumar Maurya
Age : 22
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: Design a Turbojet Engine.

Summer Internship: Air India, Mumbai.

Title/description: Technical Work and Maintenance.

Why should you employ me?
 I am a quick learner and would like to learn new things.

Result: 65.5%



Name : Shubham Nair

Age : 21

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: Design and Analysis of Wing Structure.

Summer Internship: HAL (Bangalore), Air India (Mumbai).

Title/Description: A Successful Aeronautical Engineer.

Why should you employee me?
I am cooperative with all my group member. I will always work with everyone as a team. I will always try to give my best.

Result: 65.4%



Name : Ragini Gaba

Age : 22

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: CFD Convergent, Divergent Nozzle.

Summer Internship: Air India (Mumbai).

Title/Description: Designing / Manufacturing.

Why should you employee me?
I am a good learner as well as listener. I am hard working and can complete task within the given time.

Result: 65%.



Name : Naman Gupta

Age : 21

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: Designing and Analysis of Turbo Prop Aircraft.

Summer Internship: HAL Lucknow.

Title/Description: Aircraft Technician, Designing of Aircraft Components, Technical illustrator, Maintenance and Planning

Why should you employee me?
Having good leadership, Analytical and problem solving skills. Quick learner & can grasp any technique in minimum possible time. Easily adjustable in any environment & give my 100% in any situation. Good communication skills.

Professional Qualification Skills:
Aircraft Maintenance Engineering.

Result: 65%



Name : Rajat Pandey

Age : 21

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: CFD Analysis on the VTOL Plane Model.

Summer Internship: HAL (Kanpur).

Title/Description: I want to work in Designing Field.

Why should you employee me?
It will be a great platform to show case my skills and to work in organization as I can improve my skills enhance my knowledge according to your requirements.

Result: 63.30%.



Name : Prithvi Kumar

Age : 24

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: Design & Analysis of Wing Structure (Pilatus PC-12).

Summer Internship: HAL Koraput.

Title/Description: I would like to work as a quality manager or as a design engineer for your company.

Why should you employee me?
I am very very focused person who likes to overcome challenges. I am looking for a long term career with your organization.

Result: 63.8%.



Name : Vivek Gehlaut

Age : 19

Qualification : B.Tech
(Aeronautical Engineering)

Research Project: CFD Analysis of C-D Nozzle.

Summer Internship: Air India, Mumbai.

Title/Description: Interested in Designing and Technical Work.

Why should you employee me?
By the passing time, I will sharpen my skills and abilities of performance from the provided platform of yours.

Result: 62.7%



Name : Amandeep
Age : 19
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: RAM Air Turbine.
Summer Internship: Air India, Delhi.
Title/Description: I want to work in Technical and Designing Field.

Why should you employee me?
 It will be a great platform to show my skills and to work in an organization as I will improve my skills abilities of performance from provided platform of your company.

Professional Qualification Skills:
 Aircraft Maintenance Engineer.

Result: 62.5%.



Name: Ananthu Venugopal
Age : 22
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: Analysis of Flow Over Airfoil with a Rotating Cylinder on the leading Edge.

Summer Internship: Aircraft Research and Design Centre (ARDC), HAL, Bangalore.

Title/Description: Design and Analysis of Aircraft Components.

Why should you employee me?
 I am certified in AutoCAD (L1), CATIA V5, Creo Parametric certified by PTC and Ansys. I am a quick learner and have good communication and interpersonal skills.

Result: 62.2%.



Name: Sunil Kumar Fenin
Age : 22
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: Design and analysis of VTOL UAV.

Summer Internship: HAL, Lucknow.

Title/Description: Maintenance and Manufacturing.

Why should you employee me?
 Quick learner to latest technology trends that makes me adaptive to changing work environment. Knowledge in various designing software like AutoCAD and Catia. Parametric and analysis software like Ansys. Good leadership skills. Good moral and ethical values that make me acceptable in every community.

Result: 62%.



Name : Piyush Sharma
Age : 22
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: RAM AIR TURBINE.

Summer Internship: Air India Engineering Services Pvt. Ltd.

Title/Description: Assembly and maintenance of various parts of Aircraft and service maintenance of Engines.

Why should you employee me?
 Ready to accept all circumstances in my workplace which ensure the future progress of company and then me. Highly adapter to any kind of environment. Highly persuasive and have good vocational skills.

Professional Qualification Skills:
 Aircraft Maintenance Engineering.

Result: 61.7%



Name : Palki
Age : 21
Qualification : B. Tech
 (Aeronautical Engineering)

Research Project: CFD Wing Structure.

Summer Internship: Air India (Mumbai).

Title Description: Manufacturer and Designing.

Why should you employee me?
 I am quick learner and hard working, can complete the work at given time.

Result: 61%



Name : Taqui Haidar
Age : 23
Qualification : B. Tech
 (Aeronautical Engineering)

Research Project: Design and Analysis of Rocket Structure through CFD Simulation.

Summer Internship: Pawan Hans Limited, Delhi

Title Description: I am Seeking a Competitive and Responsible Training in Aviation field, where I can Contribute what I have learned through academic sessions to gain some practical and Real-life experience.

Why should you employee me?
 I am a quick learner and can grasp any concept or technique in minimum possible time. Hard working and can complete a task within the given time. Can easily adjust to any environment and give my hundred percent in any situation. Have good leadership and problem solving skills

Result: 60%



Name : Atharv Kanungo
Age : 22
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project: Design and Analysis of Rocket.

Summer Internship: Air India, Mumbai.

Title/Description: Maintenance and Manufacturing

Why should you employ me?
 I am a quick learner, Interested to learn new technical things. Having good communication skills and hard working.

Result: 60%



Name : Yash Kumar
Age : 21
Qualification : B.Tech
 (Aeronautical Engineering)

Research Project : Design and analysis of axial flow compressor.

Summer Internship: HAL, Koraput.

Title/Description: I want to go in the field of maintenance of aircraft means totally technical work and also work as a quality manager.

Why should you employ me?
 I believe that I am a person who always keep patience in even worst to worst situation and always try to solve problems with minimum possible time. I have good management skills. I always try to learn new things in minimum possible time by giving my 100%.

Result: 71.2%

GUIDELINES FOR RECRUITERS

Student Placement Committee is the single point of contact

Companies interested in conducting recruitment activities at SOA must contact a student placement committee member for placements.

Offer

Compensation and other terms of employment should be offered directly between the company and the candidate.

Offer Communication

Offer to the selected candidates should be communicated through the student placement committee.

Reporting Standards Compliance

Companies are required to provide the final offer details as per the reporting standards followed by SOA. Details can be sought from a student placement committee member.

PAST RECRUITERS

Our students are placed in approximately 200 plus companies, to name a few they are:

PLACEMENT PROCEDURE

Placement Process

At SOA, placements are handled by the Student Placement Committee under the supervision of the faculty through a process that optimizes the interests of both the students and the companies. The student committee gets involved in the process right from corporate interactions (throughout the year), to pre-placement talks and coordinating activities during placement process.

There are two main placement activities on campus:

Pre-placement Talks (Corporate Presentations)

Pre-placement presentations (up to 2 rounds) enable organizations to inform students about companies business, work culture, organizational structure, career and growth opportunities. We recommend a 30-minute presentation and a 15-minute Q & A session.

Presence of senior executives and alumni helps to create a better impact.

This year companies can plan to visit SOA for delivering pre-placements talk starting 1st November, 2015. For scheduling the talks, Student Placement Committee should be approached at least 7 days in advance.

On-Campus Recruitment

Companies can plan a visit to the SOA campus for conducting placement interviews and making job offers to suitable student candidates during the placement season. This year the placement season commences on 19th November, 2015. Companies can approach Student Placement Committee for scheduling an on-campus placement session. The committee members can also be approached for guidance on the transport and lodging facilities on campus.

PLACEMENT TEAM

Dr. Chatrapati C. Ashoka
Director

Dr. D. Pattnayak
Member

Dr. Jyoti Ranjan
CEO

Prof. (Dr.) V.S. Bajpai
Advisor (Academics)

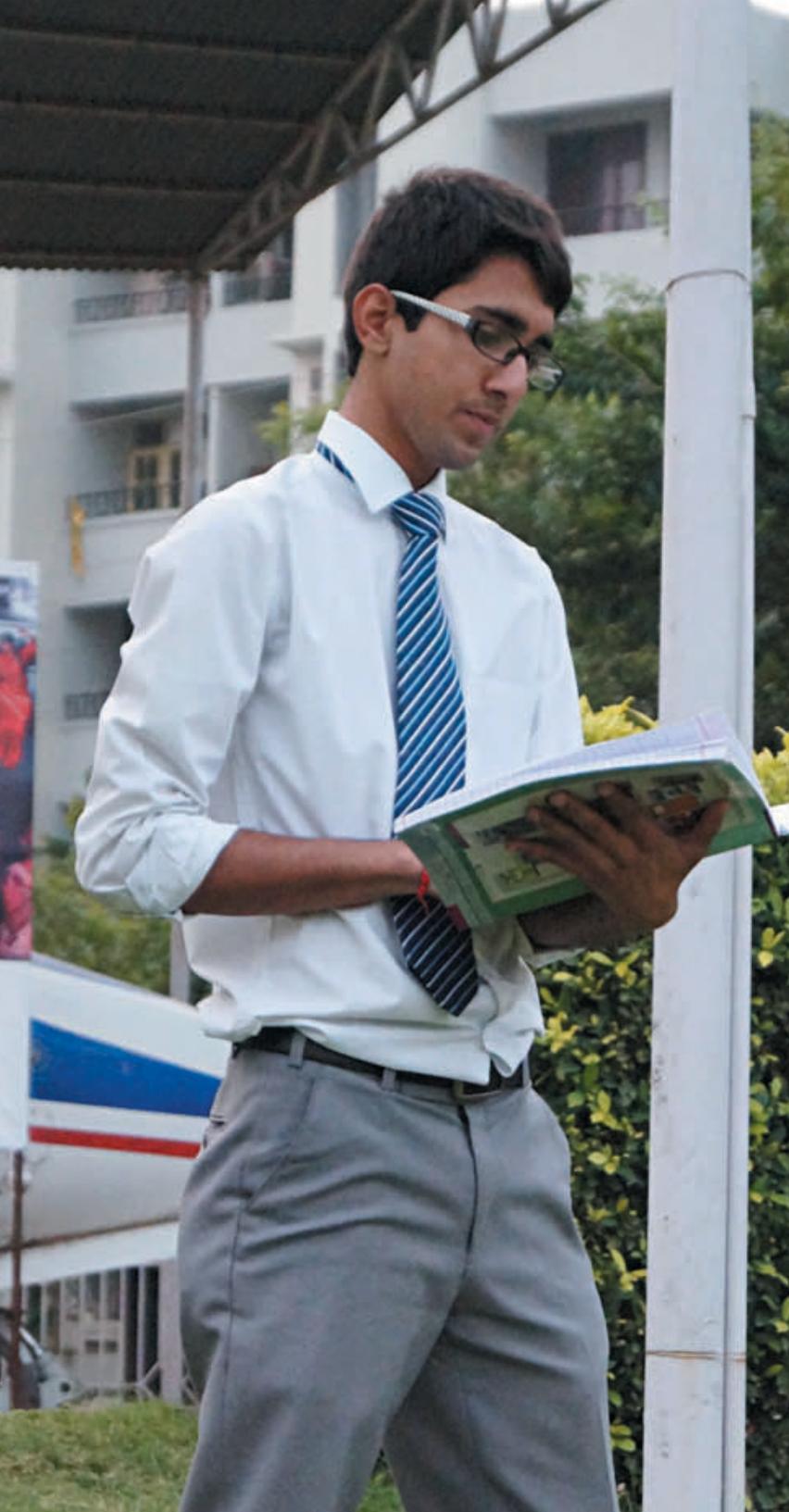
Prof. (Dr.) Birendra Rai
Principal

Prof. (Dr.) Bipin Kumar Dwivedi
Project Manager

Ms. Surabhi Gupta
H.R. Manager

Ms. Rekha Negi
HR Coordinator





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