

ACADEMIC CALENDAR

2024-2025



AIRCRAFT MAINTENANCE ENGINEERING

For more info



JAWAHARLAL AVIATION INSTITUTE

Approved by Directorate General of Civil Aviation (DGCA), Govt. of India,
Jawahar Gardens, Lakkidi, Mangalam, Palakkad Dist, Ottapalam, Kerala-Tt

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An Exemplary Life of
Boundless Vision Impact
and Living...

FOUNDER CHAIRMAN **Late. P.K.Das**

(F.I.E., F.I. Mech. E., M.S. Engg.,
A.F.R.Ae.S. (London), C.Engg.)

In the realm of professional higher education, the name 'Nehru Group of Institutions' resonates deeply with the legacy of its founder Chairman, Late P.K. Das. Established in 1968, He dedicated his every ounce of energy to establish 16 prestigious institutions across Tamil Nadu and Kerala. His journey began with the founding of Nehru College of Aeronautics and Applied Sciences in Kuniamuthur, Coimbatore, setting the foundation for a remarkable educational empire.

He overcame numerous challenges with determination, achieving remarkable success. The flagship Nehru College of Aeronautics & Applied Sciences is renowned for its specialized programs in Aeronautical Maintenance Engineering, Applied Sciences, and degrees in Aeronautical Engineering, Electronics, Computer Science, Avionics, and MBA in Airline and Airport Management.

His vision extended to establishing Nehru Arts and Science College in Thirumalayampalayam, two Engineering Colleges, and three Management Colleges in Tamil Nadu. In Kerala, he founded Nehru College of Engineering & Research Centre, Nehru College of Pharmacy at Pampady, Jawaharlal College of Engineering and Technology, and Jawaharlal Aviation Institute, the first Aeronautical Engineering College in Palakkad district.

The P.K. Das Institute of Medical Sciences in Vaniyamkulam stands as a testament to his diligence, reflecting world-class healthcare standards. Though he passed away nine years ago, his sons, Adv. Dr. P. Krishnadas and Dr. P. Krishnakumar, uphold his legacy as Chairman and Managing Trustee, and CEO & Secretary, respectively. They lead with his values of simplicity, nobility, and excellence, ensuring the institution thrives and continues to inspire generations at Nehru Group through Nehru University. His memory is honored, celebrating his enduring industrialist spirit and benevolence that continue to shape lives indefinitely.

PLEDGE

India is my country.

All Indians are my brothers and sisters.

I love my country, and I am proud of its rich and
varied heritage.

I shall always strive to be worthy of it.

I shall respect my parents, teachers and all elders and treat
everyone with courtesy.

To my country and all my people, I pledge my devotion.

In their wellbeing and prosperity
alone lies my happiness



PERSONAL MEMORANDA

Name :

Course :

Department :

Batch :

Date of Birth :

Blood Group :

Permanent Address :

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Day Scholar / Hosteller :

Emergency Contact No. :

Phone :

Local Guardian Address :

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Talk by Training Manager Mr. K. Prabhakaran



The Aviation Industry is growing very fast globally. Most of the national and international airlines are expanding the Aircraft fleet and more and more new MRO are being opened.

In view of these factors demand for DGCA approved Aircraft maintenance personals like technicians & Engineers will be increasing in large numbers in coming years.

This DGCA approved AME course is giving more focus and importance on imparting practical oriented training which will help preparing technically skillful professionals to cater the increasing requirement of qualified and eligible professionals in the aviation industry.

ABOUT US

- Jawaharlal aviation institute (JAI) is one of the institutions coming under Nehru Group of Institutions and is established in the year 2010. JAI is approved by Directorate General of Civil Aviation (DGCA), Govt. of India for imparting ab-initio training in the field of aircraft maintenance Engineering for obtaining basic AME licenses in mechanical stream on category B1.1 (Aeroplane Turbine).



- JAI is situated in Lakkidi, Ottapalam, Palakkad District, Kerala and just one hour drive from Palakkad Town. The technical infra-structure of JAI is functional on sprawling 25 acres campus set in a serene environment. Our institution's campus is value added with specially designed hangar within the campus and is equipped with servicable Learjet 25B, Cessna 150 & Eurocopter aircraft.

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Our Mission: We aim to Nurture Innovation and prepare students to lead advancements in Aerospace Technology, ensuring a dynamic and Impactful future in the world of Flight.

Our Vision: Our goal is to create and maintain next generation airports that are carefully managed and meticulously operated in order to provide transportation that is passenger friendly, consistently comfortable, safe, fast, cost effective, and accessible to millions of people in our country Quality Policy.

Our College aims at "Transforming Our Students as Knowledgeable Individuals, Skilled Professionals and Well Behaved Human Beings to Live as Worthy Citizens to Work for the Well Being of the Society and Strive Towards Building a Better India with True Spirit of Culture, Patriotism, and Nationality, to Create International Brotherhood and Global Harmony through Value Based and Man-Making Education"

OBJECTIVES

- Strive for continuous improvement of knowledge Learn life skills to become leaders with professional excellence.
- Enhance behavior and emotional quotient.
- Perform as worthy Citizens of India with global outlook.
- Motivate and give modern practices to become entrepreneurs.
- Mould True Citizens.

PROGRAMMES OFFERED

Aircraft Maintenance Engineering (AME)
Bsc in Aircraft Maintenance Science(Bsc-AMS)

CAMPUS TIMELINE

Hour	Duration
1	09.00 AM to 10.00 AM
2	10.00 AM to 11.00 AM
Tea Break	11.00 AM to 11.10 AM
3	11.10 AM to 12.10 PM
4	12.10 PM to 01.10 PM
Lunch Break	01.10 PM to 01.50 PM
5	01.50 PM to 2.50 PM
6	2.50 PM to 3.50 PM

CODE OF CONDUCT

- The medium of instruction is English for all Programmes conducted by the college.
- Working will be from Monday to Friday.
- Working Hours: 9:00 am to 4: 00 pm.
- The periods in the Morning and Afternoon sessions are of 60 minutes in duration.
- Students should wear their ID card inside the campus.
- Students should wear the prescribed uniform on Four days. (Wednesday is Civil Dress)
- Boys and girls should wear Formal Shoes. Boys should tuck in their shirts.
- Students are expected to conduct them-selves in an exemplary manner and have true pride and dignity in themselves and earn a good name for the college.
- Students are expected to be courteous and polite in their approach.
- Students are encouraged to take part in co-curricular and extra-curricular activities.
- Students should abide by the discipline and decorum of the College.
- Students should maintain discipline in the campus. A discipline committee appointed by the Training Manager will enquire into any incident of the report of students' indiscipline and recommend suitable action to be taken.
- Students are suggested to meet Training Manager with prior Appointment.
- The vehicle of the students should be parked in the allotted parking place.
- Usage of Gadgets is strictly prohibited.
- Student should see the Notice Board daily without fail to keep in touch with the important instructions from the authorities of the College.
- Celebrations of any kind without prior written permission from the Management are prohibited in the campus. Violation of the above will be viewed seriously.
- Regular reports will be sent to Parents / Guardians regarding the student's attendance, Progress and Conduct. Students should bring their Parents / Guardians to the Training Manager for any discussion regarding the same, as and when required.
- The hostel students should follow the hostel rules and regulations.
- Eve – teasing and ragging are strictly prohibited. Severe action will be taken against those who are found to do so. The Principal is empowered to dismiss a student from the College, who is found guilty.

ACADEMIC CALENDAR

July 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

1. NATIONAL DOCTOR'S DAY
11. WORLD POPULATION DAY

4. 4TH SEMESTER START
30. INTERNATIONAL FRIENDSHIP DAY

August 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

6. HIROSHIMA DAY
15. INDEPENDENCE DAY

9. NAGASAKI DAY
17. NATIONAL AVIATION DAY

ACADEMIC CALENDAR

September 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

5. TEACHER'S DAY

15. ENGINEERS DAY

October 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

1. 2ND SEMESTER EXAM

2. GHANDHI JAYANTHI

8. INDIAN AIR FORCE DAY

10. 3RD SEMESTER EXAM

11. INTERNATIONAL GIRL CHILD DAY

15. WORLD STUDENTS DAY

ACADEMIC CALENDAR

November 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

14. CHILDREN'S DAY

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December 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

7. INTERNATIONAL AVIATION DAY

25. CHRISTMAS

ACADEMIC CALENDAR

January 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

1. NEW YEAR

13. 4TH SEMESTER EXAM

24. NATIONAL GIRL CHILD DAY

26. REPUBLIC DAY

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February 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	

28. NATIONAL SCIENCE DAY

ACADEMIC CALENDAR

March 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

22. WORLD WATER DAY

24. 3RD SEMESTER EXAM

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April 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

14. AMBEDKAR JAYANTI

17. MOUNTY THURSDAY

18. GOOD FRIDAY

22. EARTH DAY

ACADEMIC CALENDAR

May 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1. MAY DAY

11. MOTHER'S DAY

31. WORLD NO TOBACCO DAY

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June 2025

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

5. WORLD ENVIRONMENT DAY

14. WORLD BLOOD DONOR DAY



OUR INFRASTRUCTURE

The infrastructure facilities available in the institution are par excellence a team of well qualified and dedicated instructors with their relentless efforts leave no stone unturned in moulding the student to the desired level.

- Two light aircraft CESSNA 150 and ERCOUE.
- An heavy aircraft LEAR JET 25-B in flying condition imported exclusively for imparting training to our students.
- Modern classrooms and lecture halls.
- Laboratories for hands-on learning.
- Basic Avionics Lab
- Composite Bay
- General engineering Bay
- Sheet Metal Bay
- Welding Bay
- NDT Bay
- Wood and Fabric Bay
- Airframe Lab
- Machine Shop
- Piston engine Lab
- Jet Engine Lab
- Battery Charging Room all the labs as per norms of DGCA.
- Computing facilities with high-speed in ternet access.
- A well-stocked library with a wide range of books, journals, and online resources.
- A variety of sports and recreational facilities.



CAREER OPPORTUNITIES

- With the implementation of open sky policy by Government of India, Indian Aviation industry is witnessing a boom these days. The International skies too provide a lot of bright job opportunities to the trained technical manpower. Huge investments in the sector has made the industry highly competitive thereby making air travel affordable to common man. Almost all private airlines in the country, have plans to augment their passenger capacity namely, number of aircrafts. This would result in numerous job opportunities in the aviation field. The remuneration can go beyond an attractive 5 digits!.
- **Aircraft Maintenance Technician:** You will be responsible for performing routine maintenance checks and repairs on aircraft, ensuring that they are safe and functioning properly.
- **Quality Control Inspector:** You will inspect aircraft to ensure that all maintenance work has been completed to the highest standards, and that the aircraft meets all regulatory requirements.
- **Maintenance Planning Engineer:** You will plan and coordinate maintenance schedules, ensuring that aircraft are serviced in a timely and cost-effective manner.
- **Avionics Technician:** You will be responsible for installing, repairing, and maintaining the electrical and electronic systems on aircraft.
- **Engine Maintenance Technician:** You will specialize in the maintenance of aircraft engines, including inspections, repairs, and overhauls.
- **Component Repair Technician:** You will repair and maintain specific components of aircraft, such as hydraulic systems, landing gear, and fuel systems.
- **Technical Writer:** You will write technical manuals, maintenance procedures, and other documentation related to aircraft maintenance.
- **Flight Operations Engineer:** You will work with airlines to ensure that

their aircraft are operated safely and efficiently, and that all maintenance requirements are met.

- **Aerospace Manufacturing Engineer:** You will design, develop, and manufacture aircraft components, systems, and assemblies.
- **Aerospace Consultant:** You will provide expert advice and guidance on all aspects of aircraft maintenance, including safety, regulatory compliance, and operational efficiency.
- These are just a few of the many career paths available to graduates of an AME course. With the increasing demand for skilled aircraft maintenance professionals, you can be sure that you will find exciting and challenging opportunities in this dynamic field.

MAJOR RECRUITERS



AIR INDIA



IndiGo



الإتحاد
ETIHAD

flydubai



Indamer
We Know Your Aircraft

Akasa Air

Bell
Helicopter
A Textron Company





SL.NO.	NAME OF INSTRUCTOR	DESIGNATION
1	Mr. K Prabhakaran	Training Manager
2	Mr. P V Muralidharan	Quality Manager
3	Mr. K Prasad	Examination Manager
4	Mr. S N Ramachandran	Instructor
5	Mr. K Suresh	Instructor
6	Mr. K Ramachandran	Instructor
7	Mr. C Premanandan	Instructor
8	Mr. C V Jayaprakash	Instructor
9	Mr. Riyo James	Demonstrator

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2024

January 2024	February 2024	March 2024	April 2024
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6	1 2 3	1 2	1 2 3 4 5 6
7 8 9 10 11 12 13	4 5 6 7 8 9 10	3 4 5 6 7 8 9	7 8 9 10 11 12 13
14 15 16 17 18 19 20	11 12 13 14 15 16 17	10 11 12 13 14 15 16	14 15 16 17 18 19 20
21 22 23 24 25 26 27	18 19 20 21 22 23 24	17 18 19 20 21 22 23	21 22 23 24 25 26 27
28 29 30 31	25 26 27 28 29	24 25 26 27 28 29 30	28 29 30
		31	
May 2024	June 2024	July 2024	August 2024
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4	1	1 2 3 4 5 6	1 2 3
5 6 7 8 9 10 11	2 3 4 5 6 7 8	7 8 9 10 11 12 13	4 5 6 7 8 9 10
12 13 14 15 16 17 18	9 10 11 12 13 14 15	14 15 16 17 18 19 20	11 12 13 14 15 16 17
19 20 21 22 23 24 25	16 17 18 19 20 21 22	21 22 23 24 25 26 27	18 19 20 21 22 23 24
26 27 28 29 30 31	23 24 25 26 27 28 29	28 29 30 31	25 26 27 28 29 30 31
	30		
September 2024	October 2024	November 2024	December 2024
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6 7	1 2 3 4 5	1 2	1 2 3 4 5 6 7
8 9 10 11 12 13 14	6 7 8 9 10 11 12	3 4 5 6 7 8 9	8 9 10 11 12 13 14
15 16 17 18 19 20 21	13 14 15 16 17 18 19	10 11 12 13 14 15 16	15 16 17 18 19 20 21
22 23 24 25 26 27 28	20 21 22 23 24 25 26	17 18 19 20 21 22 23	22 23 24 25 26 27 28
29 30	27 28 29 30 31	24 25 26 27 28 29 30	29 30 31

2025

January 2025	February 2025	March 2025	April 2025
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4	1	1	1 2 3 4 5
5 6 7 8 9 10 11	2 3 4 5 6 7 8	2 3 4 5 6 7 8	6 7 8 9 10 11 12
12 13 14 15 16 17 18	9 10 11 12 13 14 15	9 10 11 12 13 14 15	13 14 15 16 17 18 19
19 20 21 22 23 24 25	16 17 18 19 20 21 22	16 17 18 19 20 21 22	20 21 22 23 24 25 26
26 27 28 29 30 31	23 24 25 26 27 28	23 24 25 26 27 28 29	27 28 29 30
		30 31	
May 2025	June 2025	July 2025	August 2025
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3	1 2 3 4 5 6 7	1 2 3 4 5	1 2
4 5 6 7 8 9 10	8 9 10 11 12 13 14	6 7 8 9 10 11 12	3 4 5 6 7 8 9
11 12 13 14 15 16 17	15 16 17 18 19 20 21	13 14 15 16 17 18 19	10 11 12 13 14 15 16
18 19 20 21 22 23 24	22 23 24 25 26 27 28	20 21 22 23 24 25 26	17 18 19 20 21 22 23
25 26 27 28 29 30 31	29 30	27 28 29 30 31	24 25 26 27 28 29 30
			31
September 2025	October 2025	November 2025	December 2025
S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
1 2 3 4 5 6	1 2 3 4	1	1 2 3 4 5 6
7 8 9 10 11 12 13	5 6 7 8 9 10 11	2 3 4 5 6 7 8	7 8 9 10 11 12 13
14 15 16 17 18 19 20	12 13 14 15 16 17 18	9 10 11 12 13 14 15	14 15 16 17 18 19 20
21 22 23 24 25 26 27	19 20 21 22 23 24 25	16 17 18 19 20 21 22	21 22 23 24 25 26 27
28 29 30	26 27 28 29 30 31	23 24 25 26 27 28 29	28 29 30 31
		30	

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