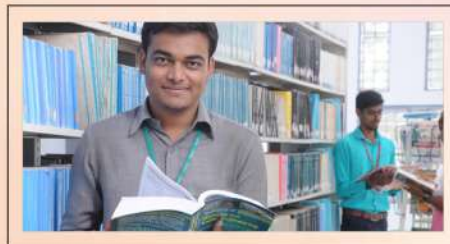


NOTABLE ACHIEVEMENTS

- Department was conferred with "Best Institute in Aeronautical Engineering (South)" award at Vijayawani National education Leadership Awards.
- Design, developed and successfully organized Asia's First Women Balloon Satellite Launch, "SKI NSLV9 MANIAMMAIYAR SAT" on 21.04.2019 and its was captured in Asia Book of records.
- Project done by Mr.K.Sivashankar and Mr. Arjun.P.T of Batch 2014-18 won second place (South zone of India) in Engineering and Technology category at Anveshan - Student Research Convention 2017 organized by Association of Indian Universities, New Delhi.
- Dr.R.Kathiravan, Professor/Aerospace and Mr. I. Karthic Subramnaiyan along with our students played a vital role in successful completion of "Pneumatically Operated Electronic Multipurpose Simulator (POEMS)" project for Indian Air Force.
- Our Students Mr.Elamparithi, Mr.Robin and Mr.Binny Sabin of Batch 2015-19 won first three prizes in Swachh Bharat summer internship Programme 2018.
- Mr.R.K.Muthuraman, HoD & Assistant Professor/Aerospace, Awarded as "Best Assistant Professor" during International Education Symposium and Awards at Chandigarh, 2019.

SALIENT FEATURES & PRACTICES @ PMIST

- Earn while you learn scheme
- Separate hostels for boys & girls
- Sports & extracurricular activities
- Technology Business Incubator to support Innovation & Entrepreneur-ship
- E-contents for all subjects
- 100% placement assistance
- In-plant training & internship
- Wi-Fi enabled campus
- Ragging free campus
- Practices towards zero carbon campus
- Excellent infrastructure & State-of-the-art facilities with well equipped laboratories, libraries
- Hospital facilities within the campus



PERIYAR MANIAMMAI INSTITUTE OF SCIENCE & TECHNOLOGY
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MY UNIVERSITY MY FUTURE

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B.Tech. Aerospace Engg

B.Tech. (Hons.) Aerospace Engg with Specialization in
Unmanned Aerial Vehicle

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DURING THE
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OPPORTUNITIES

- Robotics - Intermediate Level
- Drones • Satellite Making (CANSAT)
- Autocad • Solid Works • NX-Nastran



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ESTABLISHMENT

B.Tech - Aerospace Engineering is one of the most fascinated areas of engineering deals with the development of new technology in the field of aviation, space and defense systems. Aerospace Engineering involves design and manufacturing of hi-tech systems, hence the engineer requires possessing manual, technical and mechanical ability. This discipline specializes in designing, construction, development, testing and maintenance of commercial and military aircrafts and spacecrafts. Aerospace Engineering is categorized into two branches – Aeronautical Engineering and Astronautical Engineering. Aeronautical Engineering specializes in aircrafts, missiles and helicopters. On the contrary, Astronautical Engineering includes space shuttles, rockets and space stations.

PROGRAMME OVERVIEW

- It has two major and overlapping branches; Aeronautical and

Astronautical Engineering.

- It is the primary field of engineering concerned with the development of Aircrafts and Spacecrafts.
- It includes the design, construction, testing and maintenance of Aerospace components.
- This discipline interacts between Aerodynamics, Propulsion, Structural Analysis, Avionics and Space mechanics.

SCOPE OF THE DEPARTMENT

- Direct and coordinate the design, manufacturing and testing of aircraft and aerospace products.
- Demand in Air Transportation and newer technologies.
- Wide job opportunities in both government & private sectors.
- Make our nation pride through development of Satellites and innovations.

COLLABORATIONS

- MoU with M/s Sri Design Cad Technologies Solutions Pvt. Ltd.,

Chennai to provide with design software's

- MoU with M/s Vimanna Labs India Pvt. Ltd., (In Plant Training and Projects)
- MoU with M/s SPACEKIDZ INDIA to provide hands on experience on satellite and systems
- Indian Technology Congress Association (ITCA) - Students satellites

ABOUT SPECIALIZATION IN UNMANNED AERIAL VEHICLE

- Role of Unmanned Aerial Vehicle (UAV) in aviation and defense sector is inevitable
- Emerging technology for commercial and industrial applications.
- Colossal job opportunities are available globally

PROMINENT ALUMNI TESTIMONIAL



Senguttuvan. G
(2010-2014)
Cappgemini,
Bengaluru.

When I joined in this department, ours was a small and developing department in PMIST. But now, it is one of the best departments in PMIST. It has been organising many events in our college to provide exposure to the students. Our department alumni have widely-spread throughout everywhere in India and even in abroad. I have grown since being at my Aerospace department. I have had the opportunity to be with by juniors and we formed a student's association namely "Association of Aeropteryx (AOA)". I learnt to keep my attitude positive one from my professors.



Sindhu Bharathi. K
(2011-2015)
Pursuing Masters at
University of Windsor,
Canada.

My educational years in PMIST, has facilitated a durable foundation to my knowledge. My life in the campus has taught me methodological skills to survive in the world of profession, but also the significance of values in my life to lead a dignified life. I always owe my gratitude to the esteemed world class Professors; who always have key roles in moulding me for who I am today. It has been an honour to be a part of this Esteemed Institution for four significant years of my life.



Vivekkumar. P
(2012-2016)
Pursuing Masters at
Madras Institute of Technology,
Chennai

It's my immense pleasure to share my experience about our institution. I'm seeing the motto "Think, Innovate and Transform" itself explains how the knowledge can be directed towards the Technological Transformation. It is an infinite loop system which always heading towards the sophisticated life for everyone by upgrading the current trends. Aerospace Engineering is one of the fast-growing and youngest departments. I am sure, our Engineers will be the architect of Next-generation Technology.