

Student Strength/PEOs/SOs

Name of the program	B.Tech Aerospace Engineering, Kattankulathur Campus
Program Educational Objectives (PEOs)	<p>Graduates will be able to:</p> <p>PEO1. Apply / improve their knowledge in basic sciences for excelling in various disciplines of Aerospace Engineering with the emphasis on Aerodynamics, Structures, Propulsion, Flight Performance, Design, Manufacturing and Maintenance.</p> <p>PEO2. Enhance professional practice to meet the global standards with ethical and social responsibility.</p> <p>PEO3. Evolve as an emerging leader in the areas of Engineering, Science, Academia, Research and entrepreneurship.</p> <p>PEO4. Develop productive citizens with skills to work in teams, think intellectually and pursue life-long learning.</p>
Student outcomes (SOs)	<ul style="list-style-type: none"> • an ability to apply knowledge of mathematics, science, and engineering • an ability to design and conduct experiments, as well as to analyze and interpret data • an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturing, and sustainability • an ability to function on multidisciplinary teams • an ability to identify, formulate, and solve engineering problems • an understanding of professional and ethical responsibility • an ability to communicate effectively • the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context • a recognition of the need for, and an ability to engage in life-long learning • a knowledge of contemporary issues • an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.