

## **PROGRAMME EDUCATIONAL OBJECTIVES (PEOs):**

- PEO1:** Our graduates have the ability to apply knowledge across the disciplines and in emerging areas of Aerospace Engineering for higher studies, research, employability and Entrepreneur.
- PEO2:** Our graduates have the soft skills such as proficiency in many languages, technical communication, and verbal, logical, analytical to become a better professional.
- PEO3:** Our graduates possess excellence in academic knowledge, leadership qualities, and managerial skills to function in multidisciplinary areas.
- PEO4:** Our graduates understand the need for lifelong learning for sustaining and expanding their technical competence for a successful professional career.
- PEO5:** Our graduates have the sense of responsibility to protect the environment and ethical conduct towards their profession and commitment to serve the society.

## **PROGRAMME OUTCOMES (POs)**

- PO01:** An ability to apply knowledge of mathematics, science, and engineering
- PO02:** An ability to design and conduct experiments and research, as well as to analyze and interpret data
- PO03:** An ability to design and develop a component, system or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability
- PO04:** An ability to function on multidisciplinary areas
- PO05:** An ability to identify, formulate, and solve engineering problems
- PO06:** An understanding of professional and ethical responsibility
- PO07:** An ability to communicate effectively
- PO08:** To understand the impact of engineering solutions in aircraft design and development

- PO09:** A commitment to engage in life-long learning
- PO10:** An ability to use the modern techniques, skills, and modern engineering tools necessary for Aerospace engineering practice
- PO11:** Graduate acquire skills to design and fabricate Unmanned Aerial Vehicles (UAV) and Micro Air Vehicles (MAV)
- PO12:** Graduate acquire knowledge and an ability to design and fabricate micro, nano satellites and sounding rockets