



B.E. Aeronautical Engineering

The Department of Aeronautical Engineering at GAT was established in 2020 which offers a curriculum covering Aerodynamics, Aircraft Structures, Propulsion, Flight Dynamics & Controls, and UAVs. It is supported by experienced academicians, advanced labs and strong industry connections. Major aeronautical organizations like ISRO, NAL, HAL, ADA, etc have provided valuable collaboration opportunities for research and career advancement.

| Course Highlights

- **State-of-the-Art Laboratories:** Advanced facilities supporting academic and research activities.
- **Advisory Boards:** Guidance from industry and R&D experts through our Department Advisory Board (DAB) and Program Advisory Committee (PAC).
- **Research Opportunities:** Our new Research Centre in Aeronautical Engineering enhances research knowledge and problem-solving skills.

| Key Initiatives and Achievements

- **Global Conference:** Hosted the Global Conference on Aeronautical, Aerospace, and Mechanical Science (GCAAMS 2024).
- **Student Placements:** Achieved a notable placement record with pilot-batch students securing positions in various Aerospace domains.
- **Funded Project:** Secured a 10 lakh project from Mallard Enterprises, boosting R&D.
- **VIMAAN-Aero Club:** Fosters a vibrant community for aeronautical enthusiasts.
- **SAE Competitions:** Organized national-level SAE competitions, showcasing student innovation.



| Future Career Avenues

- Aerospace Engineer
- Aircraft Maintenance Engineer
- Design Engineer
- Research and Development
- UAV Specialist
- Flight Dynamics Analyst
- Propulsion Engineer
- Aviation Management
- Entrepreneurship