



AMRITA
VISHWA VIDYAPEETHAM
DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF UGC ACT, 1956

**SCHOOL OF
ENGINEERING**

Amaravati | Amritapuri | Bengaluru | Chennai | Coimbatore

**5TH
BEST
UNIVERSITY**
nir

A⁺⁺
GRADE ACCREDITATION
NAAC

92% STUDENTS
PLACED*
in 2022

₹56.95 LAKH P.A.
HIGHEST
CTC

₹7.1 LAKH P.A.
AVERAGE
CTC

160⁺ INTERNATIONAL
COLLABORATIONS
WITH LEADING
UNIVERSITIES

MOVE TO THE FUTURE

HIGHER-ED CONCLAVE '22

*Placements ongoing



OUR ALUMNI WORK WITH GLOBAL LEADERS



DISCOVER WORLD-CLASS OPPORTUNITIES WITH
STUDENT EXCHANGE PROGRAMMES

EMINENT UNIVERSITY PARTNERS & COLLABORATIONS



UC DAVIS

UC San Diego

B.TECH AEROSPACE ENGINEERING

A holistic approach to engineering education with strong emphasis on fundamentals, applications and creative solutions. The department of Aerospace Engineering provides cutting-edge education in the domain of aeronautical and space vehicles like aircrafts and rockets – The focused training provided by the faculty of our department equips the students with a strong foundation to analyse, design and provide creative solutions to the diverse problems related to this exciting branch of engineering.

THE STUDENT PERSPECTIVE

Expanding the Horizons of Career paths, Choices & Ambitions

The department of Aerospace engineering empowers the students to choose the path and to pursue their passion: The teaching learning process and the inclusive approach to the pedagogy enable the students to take up/progress towards the path that is in line their ambitions and aspirations - It can be:

- *Building a career in leading aerospace companies worldwide*
- *Pursuing higher studies and research in premier institutions across the globe*
- *Exploring job opportunities in allied industry segments*
- *Taking up entrepreneurship fuelled by creativity and sustainability*



HIGHER STUDIES

The Best Institutions have Amrita Alumni

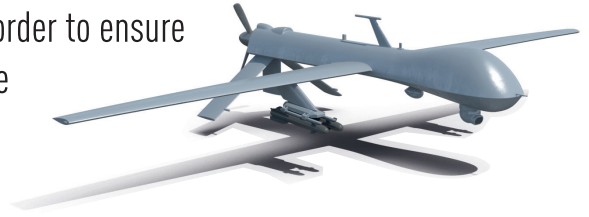
Since 2015 onwards **94 students** have been selected to pursue their Masters / Research programmes in **IITs/IISc** and top-ranking universities around the world. We take pride in the fact that in **GATE** examination, many of the top ranks in the recent years were secured by Aerospace Engineering students of Amrita. This includes **All India First Rank (Bharath Kumar K)** in GATE exam, 2020.



THE PEDAGOGICAL INITIATIVES

Tapping the potential of Experiential Learning

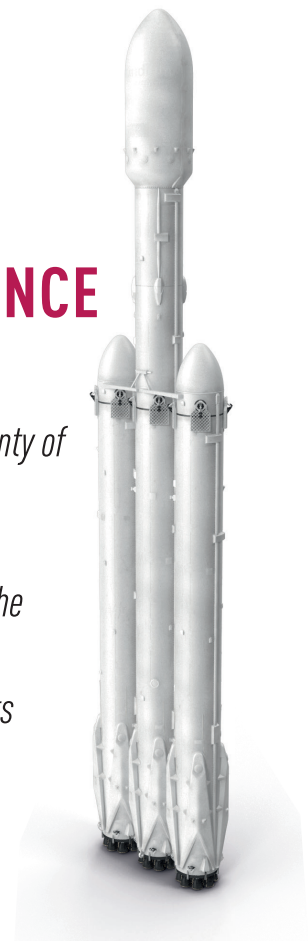
Aerospace department emphasises on learning by practice. In order to ensure that the students get to learn by working on real-life Aerospace problems, several innovations are incorporated into the teaching-learning processes:



- *Open-ended design/analysis problems under the scheme of “Open Lab”*
- *Funded research projects with key R&D organisations in the Aerospace and Defence sectors*
- *Advanced computational modelling tools*
- *Flight Simulator and design & assembling of drones/UAVs*
- *Internship/training in organisations like ISRO, HAL, Honeywell, DRDO & TVS*

THE FACULTY TEAM THAT FOSTERS EXCELLENCE

- *Team of dedicated faculty members, all holding PhDs in the respective domains from various premier institutes/Universities in India and abroad*
- *The faculty team brings in a perfect blend of teaching experience, research focus and industrial background – All these contribute immensely to the process transforming an aspirant to a resourceful Aerospace Engineer*
- *Expert lab instructors, who themselves have a rich bounty of industrial experience. The faculty fosters a friendly, collaborative ambience in the department making it most comfortable for the students*



FACILITIES

The experimental facilities and other training tools in the Aerospace Department Laboratory and Hangar provide the students with a deep insight to the applications of the fundamental concepts. Various sections of the lab are also developed with the required equipment and instrumentation systems that the students can use for their projects and open-lab sessions.



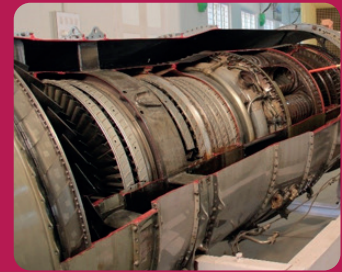
COMPRESSION
MOULDING MACHINE



TENSILE TESTING MACHINE
(ZWICKROELL 10KN)



LOW-SPEED WIND TUNNEL



CUT-AWAY TURBO
FAN ENGINE



CONTACT

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Amrita Vishwa Vidyapeetham,
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☎ 044 4627 6066 (Admissions)

SCAN TO APPLY

