ACHARYA

# ACHARYA INSTITUTE OF TECHNOLOGY

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# VAP ON DIGITAL DESIGN & AEROSPACE INNOVATION:

## *Bridging Fundamentals with Future Careers*

3rd to 7th November, 2025 | 10:00 AM to 05:00 PM

AI073F03, Mechanical Block, Acharya Campus

IEEE Advancing Technology for Humanity

Department of Aeronautical Engineering — UDAN

## About the Program

The Value Added Program (VAP) on Digital Design & Aerospace Innovation: Bridging Fundamentals with Future Careers is designed to equip students with essential skills in digital modeling, simulation, and design thinking within the aerospace domain. The program emphasizes the integration of core engineering principles with modern digital tools and technologies, preparing participants for emerging opportunities in aerospace research, design, and innovation-driven careers.

### Objectives of the Program

- To provide foundational knowledge in blueprint interpretation, digital drafting
- To introduce modern aerospace design practices, including 2D drafting, 3D modelling, and virtual prototyping aligned with industry standards.
- To bridge academic learning with real-world applications

### Expected Outcomes of the Program

- Interpret and convert engineering blueprints into precise digital drawings
- Integrate digital design concepts for creating virtual prototypes applicable to aerospace components.
- Gain insights from alumni professionals about current industry trends, internships, project selection, and career-building strategies.

**Target Audience**: 3rd Semester semester AE students

## Committee Members

### ADVISORY COMMITTEE

- Dr. C K. Marigowda, Principal, AIT

### CONVENER

- Dr. Swetha S, HOD, Dept. of AE, AIT

### COORDINATOR

- Mrs. Varsha N, Assistant Professor, Dept. of AE, AIT. +91 89043 22527, varshan@acharya.ac.in

## Resource Person Details

### Mr. Nitish R

**Designation**: Aerospace Engineer,
Expertise in CATIA V5/3DX & SAP,
Experience on Falcon F10X & Airbus Programs,
Expleo Group

### Acharya Institute of Technology

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LOCATE US

### Event Coordinator

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