

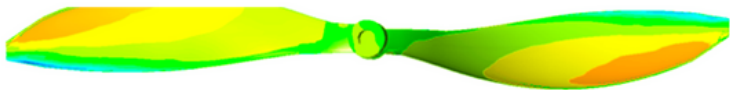
About the workshop

This online workshop is designed to provide participants with practical exposure to ANSYS tools, meshing techniques, and computational fluid dynamics (CFD) simulations, specifically focusing on aerospace applications. Delivered by industry experts from A.R.K. Solutions Pvt. Ltd., Bangalore, the sessions will help participants gain hands-on experience in solving aerodynamic problems and optimizing designs.

Who can Participate?

Students pursuing 4th year B.Tech. (Department of Aerospace and Mechanical) and M.Tech.(Aerospace)

Venue: J412
Join using Microsoft Teams:
Meeting ID: 468 758 028 481



Resource Person

Mr. Kritheeswar S,
A.R.K. Infosolutions Pvt. Ltd.,
Bangalore

Program Schedule

18 Aug 2025	1:30 PM to 4 PM	Basic intruduction to ansys and its tools; Best or practices for meshing
19 Aug 2025	1:30 PM to 4 PM	Introduction to CFD; simulation of Supersonic; Flow through Converging-Diverging nozzle
21 Aug 2025	1:30 PM to 4 PM	Simulation of Supersonic Flow over a Flat Plate and a Wedge; Simulation of Boundary Layer over a Flat Plate
22 Aug 2025	9 AM to 12 PM	Grid Generation and Numerical Solution of Flow over Symmetric & Cambered Aerofoils; Simulation of Flow through Pipes
22 Aug 2025	1:30 PM to 4 PM	Modeling of a Drone Blade, Meshing, and CFD Analysis.



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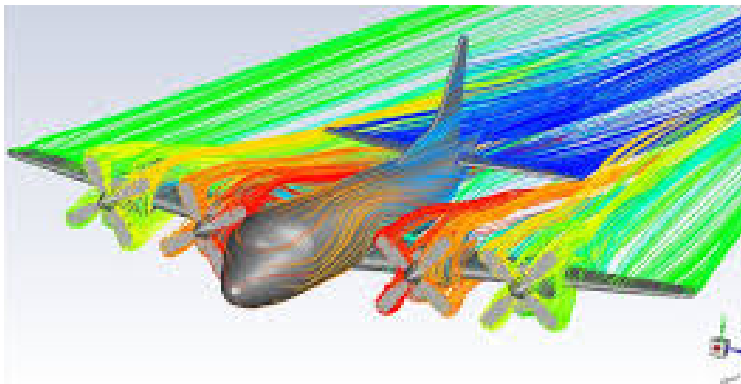
Approved by



A virtual workshop on

" Design, Analyze & Optimize "
using ANSYS - CFD

18 Aug 2025 to 22 Aug 2025



Organised by

Department of Aerospace Engineering
School of Technology
GITAM, Hyderabad, Rudraram, Patancheru
Mandal, Sangareddy District - 502 329,
Telangana State, India

Convener
Dr. Md Akhtar Khan,
Head of Department

Coordinators
Mr. M. Satya Prasad,
Assistant Professor

Dr. Ankur Chattopadhyay,
Assistant Professor



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For further information please contact:
+91-98485 70495 smaddula@gitam.edu