



Bangalore	
Title of the abstract	Name of the Organization
CFD analysis and experimental study of engine air intake for a pusher type light turbo prop aircraft	National Aerospace Laboratories
Understanding the influence of parameters affecting the flow field around a rotor blade during a hover flight using CFD	NIT-K Surathkal
FSI Simulation of a Tilt Pad Thrust Bearing	Dover India Innovation Center
Application of DPM technique in air cooler moisture carry over analysis	Ingersoll Rand Technologies & Services Private Limited (IRTSPL)
CFD Analysis of Super Charger by ANSYS Fluent	Valeo India R&D Centre
Chlorine Tracer Study of Disinfection Contact Tanks Utilizing Numerical Methods	Pentair Water India Pvt. Ltd.

Conjugate Heat Transfer Study of a typical HP Turbine	BHEL Corporate Research & Development
Flow analysis of a 2-pole TETV motor using CFD	Bharat Heavy Electricals Limited
Aerodynamics of a Rolling Tail	ADE
External store separation on a helicopter platform	HAL RWRDC
CFD analysis for enhancement in helicopter performance	HAL RWRDC
Duct optimization of HVAC system using mesh morpher optimizer	GMTCI, Bangalore
CFD analysis of aerodynamic drag on several drafting bodies	GMTCI, Bangalore
CFD & ThermoStructural Analysis of Hypersonic Wind Tunnel for Mach 6.5	DRDL, Hyderabad
Integration of analysis process in Aerospace using ACT	Honeywell
Optimization of glass fiber reinforced plastic (GFRP) beam structure using ANSYS Composite PrepPost (ACP)	Siemens Technology and Services Private Limited
Duplicate surface effect elements	CYIENT LTD
Numerical Methodology for Evaluating Rapping Acceleration levels of Electrostatic precipitator collecting electrodes	BHEL Corporate Research & Development Division, Hyderabad
Mesh Adequacy Norms in ANSYS	CYIENT Limited, Hyderabad

Strength Assessment of Composites and Bonded metals in ANSYS	Cyient Limited
Time saving with DX tool to reduce Automotive nonlinear simulations.	TE Connectivity
Prediction of Contact Pressure Distribution in Gaskets using ANSYS	WABCO India Ltd, Chennai
2D Wiper blade tearing out simulations using ANSYS	Valeo India Private Limited
Building Context to Simulation Life Cycle using ANSYS Mechanical – A Case Study	Valeo India Private Limited
Evaluating prying load on double row fastener L-joint.	Infosys, Bangalore
Predicting transverse shear stress on core material of the composite sandwich plates	Infosys, Bangalore
Structural analysis and redesign of plumbing lines in a rocket stage considering vibration and thermal loads using ANSYS code	Liquid Propulsion Systems Centre Valiamala
Structural Analysis of Air filter assembly seal and optimization of seal profile using ANSYS Workbench	Mann and Hummel