

INDIAN INSTITUTE OF TECHNOLOGY, IIT (Mandi)



AstraX - 2020

In association with

SKY AEROSPACE



ENGINEERING RESEARCH & SKILL DEVELOPMENT ORGANIZATION –BANGALORE, INDIA

Conducting

NATIONAL LEVEL WORKSHOP ON SUPERSONIC SPACE VEHICLE

DESIGN & ANALYSIS

GET READY TO LEARN SECRETS OF SPACE SHUTTLE DESIGN ON March 14th – 2020

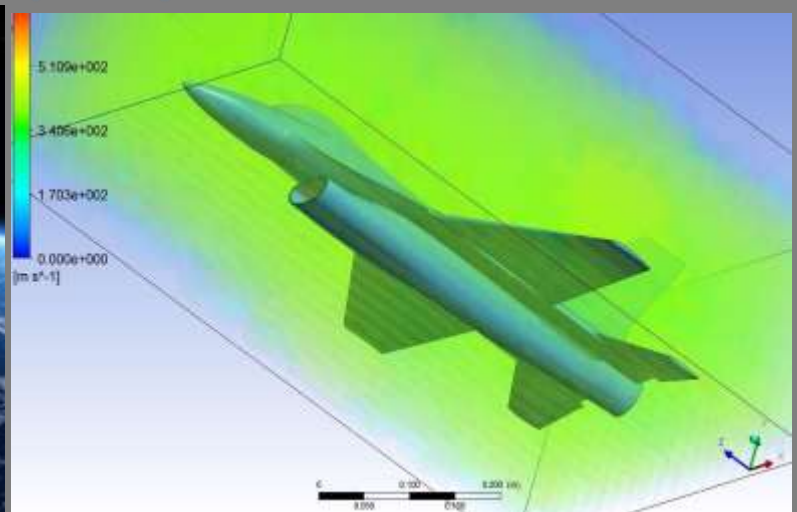
Venue –Indian Institute of Technology (IIT,Mandi)

AstraX'20



SPACE SHUTTLE WORKSHOP SESSIONS

- Physics of Inter Orbit Atmosphere between Earth and Space
- Aerodynamic forces on Space Vehicle at Low Gravity and High Altitude
- Open CFD Software Experimentation on Supersonic Space Vehicle



SESSION TERMINOLOGIES

NASA Space Shuttle Design Development – Space- EASA-JAXA-Falcon –Apollo- Agni – PSLV – GSLV - High Speed- Space Science –Space Vehicle –Booster –Flight Path – Orbit – Escape Velocity – Research –Aero Thermodynamic Heating – Mach Number –Reynolds Number – Laminar –Turbulent -Lift – Thrust- Gas Dynamics-Entropy –Enthalpy- Heat – Fluid Flow- Air Density – Aerodynamic Pressure- High Temperature- High Altitude- Low Gravity – Life in Space



WORKSHOP HIGHLIGHTS

- National Level Workshop Certificate will be given with Industry Validation
- Certificate will add Priority Advantage during MNC Placement & Interviews
- Workshop Soft copy Material will be given for Self Research work and Engineering Project work
- New Learning for New Project Innovation
- Interaction Aerospace Research Organization Experts

WORKSHOP STUDENTS INTERACTION - INNOVATION TECH SESSIONS

- Project Task on Space Vehicle Design ,Aero Design Contest -Aero Propulsion Contest

Fees – 999/Student

- **To book your ticket – Login <http://www.theskyaerospace.com>**
 - **Booking starts from – 4th Feb (Tuesday)**
- **For further queries Contact : +91-9677803678 , Mail ID: info@theskyaerospace.com**

