



PANCHATEJAS
INNOVATIONS
PVT LTD

Motto

Research, Evaluate, Integrate, Demonstrate

Commitment

To provide comprehensive and unique solutions meeting the needs and goals of stakeholders

Domain

Aerospace and Defense systems Aircraft Weapons & Sensors integration

Numerical solutions and CFD

Optimization of complex systems by qualitative analysis



OUR OBJECTIVES

Panchatejas Innovations Private Limited

Founded in 2022 with the mission to motivate and mentor MSMEs in aerospace and defense domain

We are a team of scientists, engineers and technologists of Aerospace & Defence domain from ADA, HAL (AR&DC) , IAF and DRDO

The team has project experience in core design, modeling and simulation, tooling and manufacturing, system integration, field trials and certification.

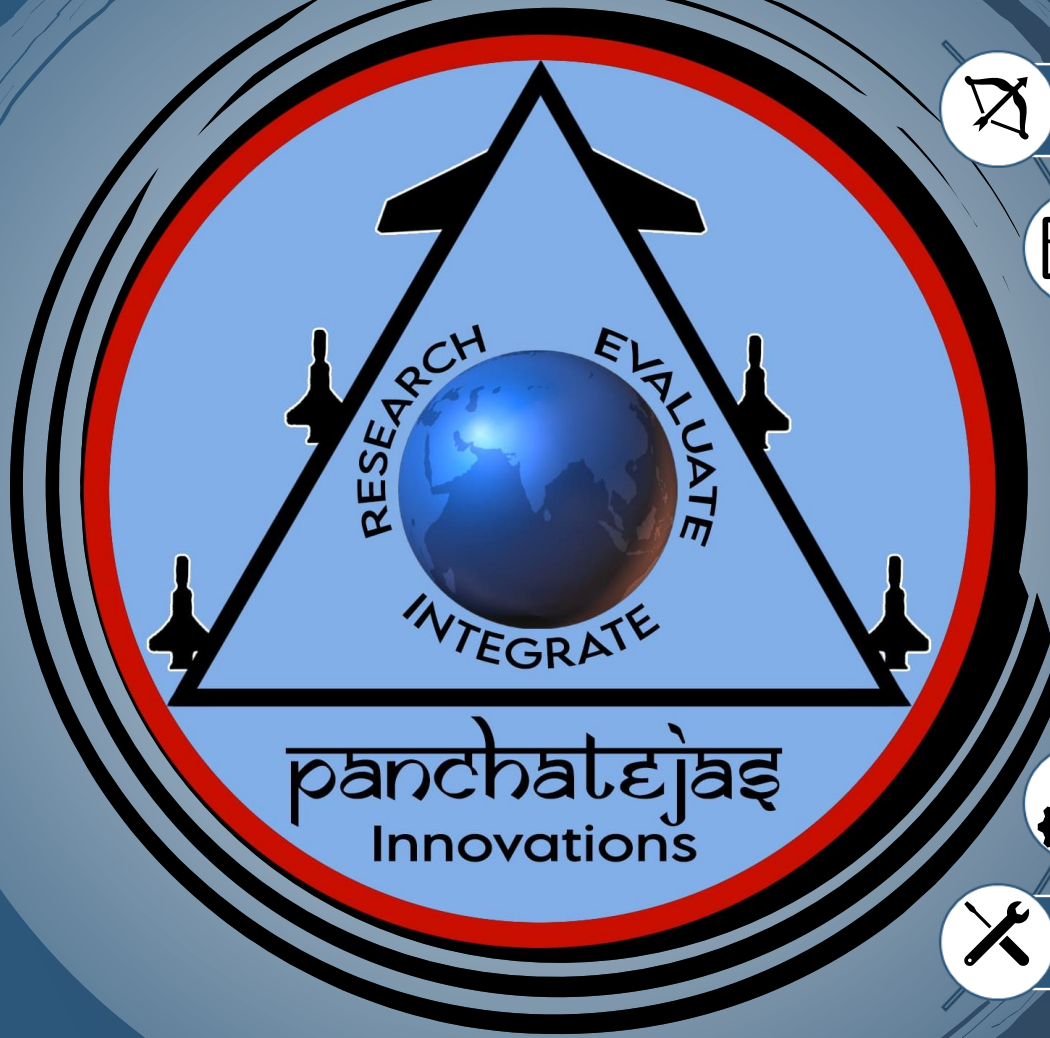
Our team is experienced in govt procurement capital and revenue procedures and various military airworthiness standards.

We are passionate to provide professional support to entrepreneurs to produce indigenized products meeting the rigorous standards of aerospace and defense industry to support *Atmanirbhar mission*.



ABOUT US

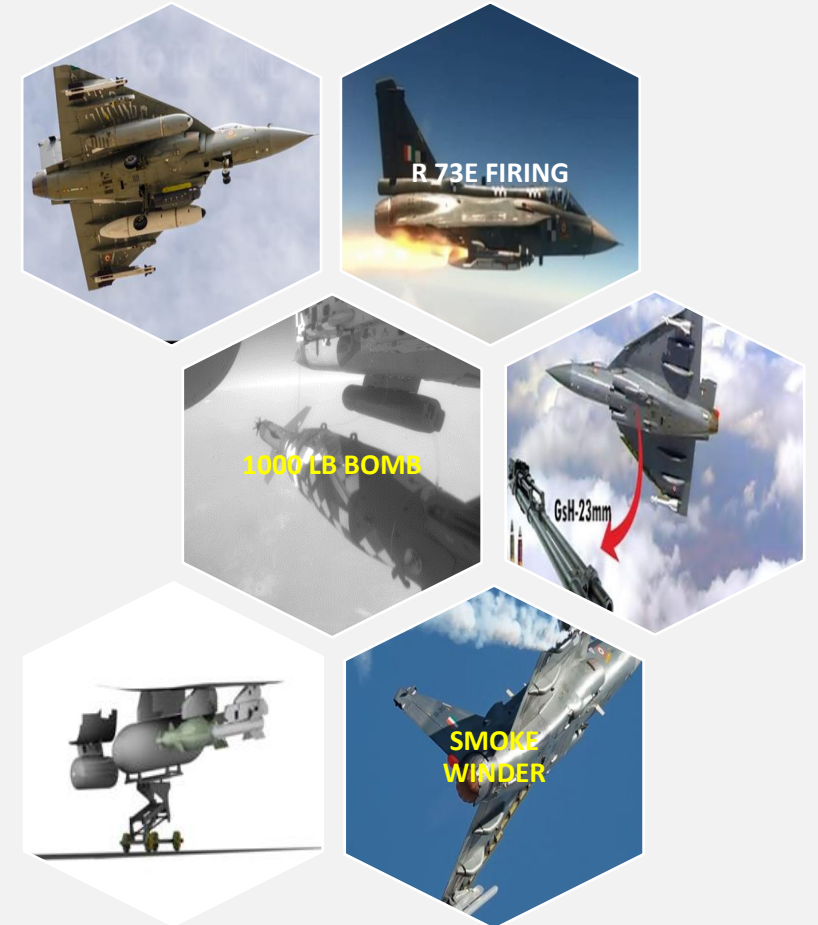
OUR CAPABILITIES



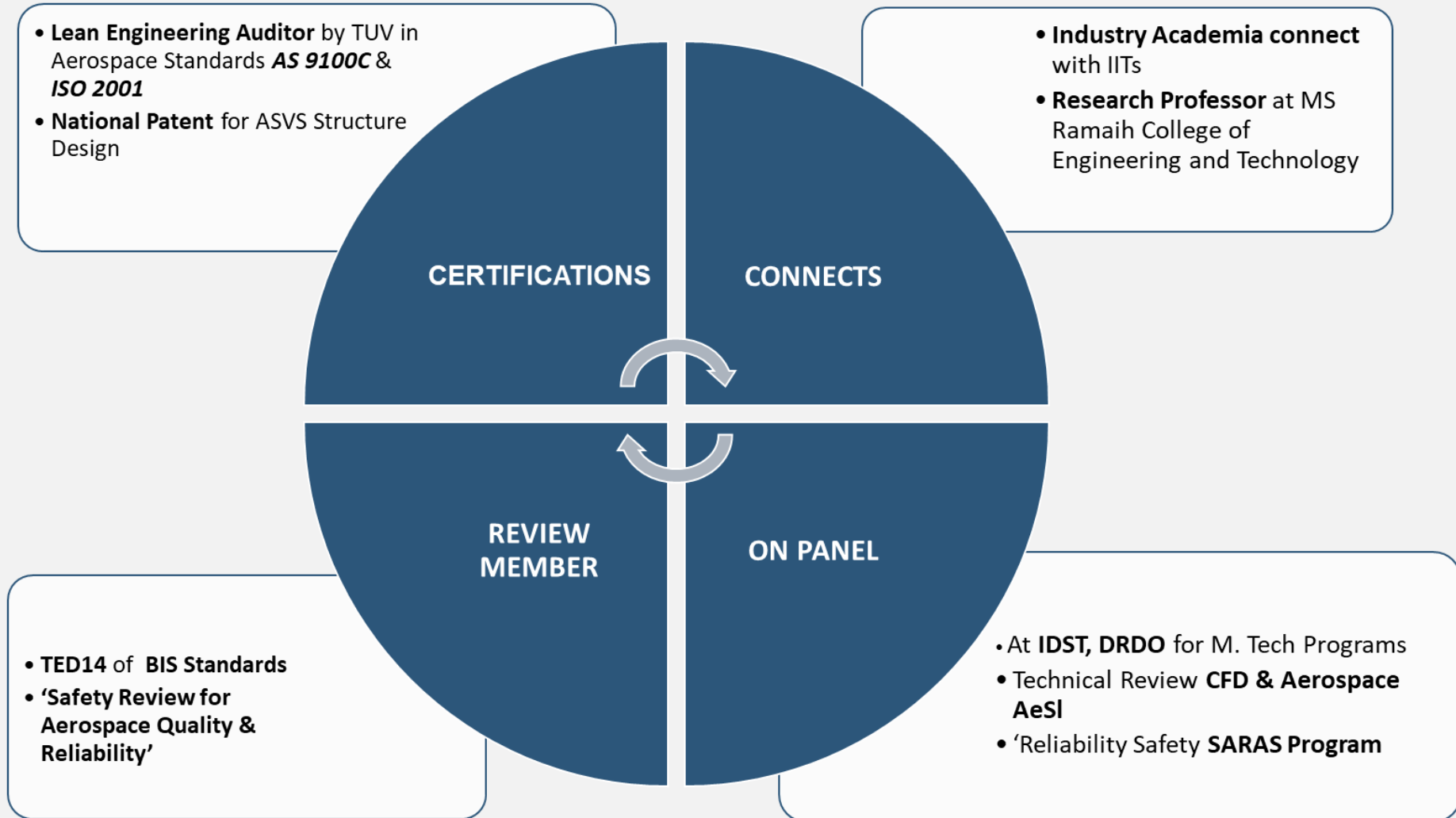
-  Weapon Systems Integration
-  CFD & Numerical Solutions
-  Aircraft GHE GSE Design & Safety Procedure
-  Interfaces Design & Manufacturing
-  Conceptualization of Disruptive Solutions
-  Reverse Engineering
-  Precision Tooling & Exotic Machine Tooling

OUR SOLUTIONS

- Design and development of **Universal Weapon Loading Trolley for aircraft operations**
- Design and development of **Universal Air-Conditioning Trolley for military requirements**
- Design and development of **Autonomous Tow Tug for aircraft operations**
- Design and development of **tooling and jigs for HTT 40 Trainer Aircraft manufacturing line**
- **Digital Twins for RUL and predictive maintenance for IAF**
- **Aircraft painting solutions**



OUR AFFILIATIONS





Accreditations

👤 DR INDIRA NARAYANSWAMY

📞 9880382617

✉ contact@panchatejas.com

🌐 www.panchatejas.com

