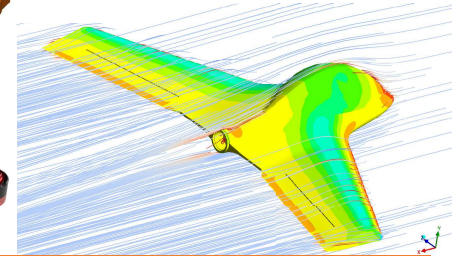
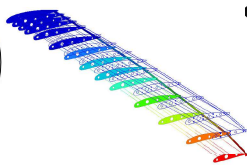
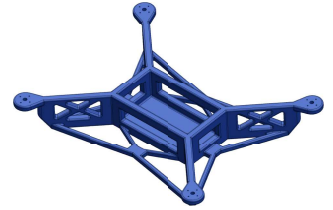
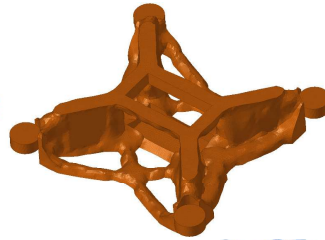
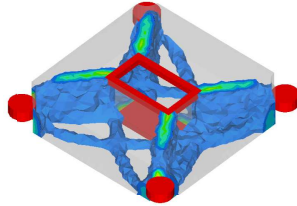
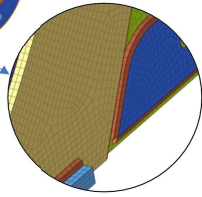
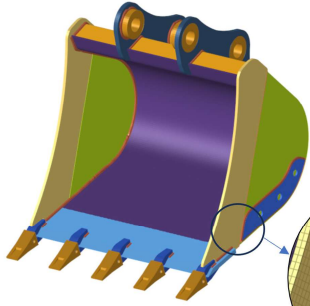


# भौतिक

**Bhautik 3D Innovations**  
Dream | Design | Deploy



## Expert CAE - CFD Services tailored for Automotive, Drone and Industrial Manufacturers

Bhautik 3D Innovations provides focused structural CAE - CFD support to Tier-2 and Tier-3 automotive, drone and industrial component manufacturers. With technical leadership backed by over 20 years of applied simulation experience, we support new product design, product validation, design verification, and OEM submission requirements through structured and reliable analysis workflows.

Our objective is simple: Deliver technically sound, clearly documented, and decision-ready simulation outputs under defined timelines.

### Core Capabilities

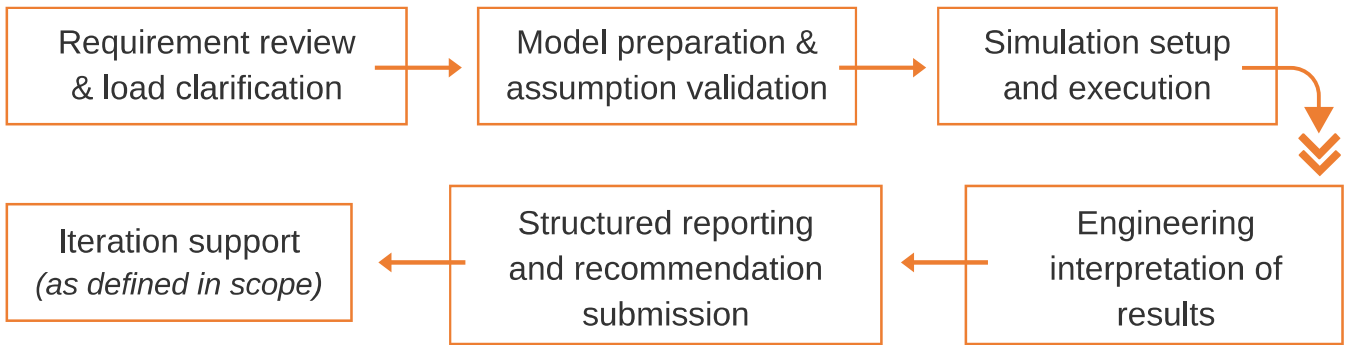
#### Simulation

- Structural analysis
- Non-linear structural analysis
- Fatigue life estimation
- Dynamic Response
- Thermal Simulation
- Structural Optimization
- CFD
- Impact analysis

#### Typical Applications

- Brackets and mounting structures
- Joint strength validation
- Cast and Machined housing
- Sheet Metal components
- Weight optimization
- Pumps and Valve bodies
- Jigs and Fixtures
- Industrial Machine components
- Pressure Vessels
- Automotive & Drone components

## Execution Methodology

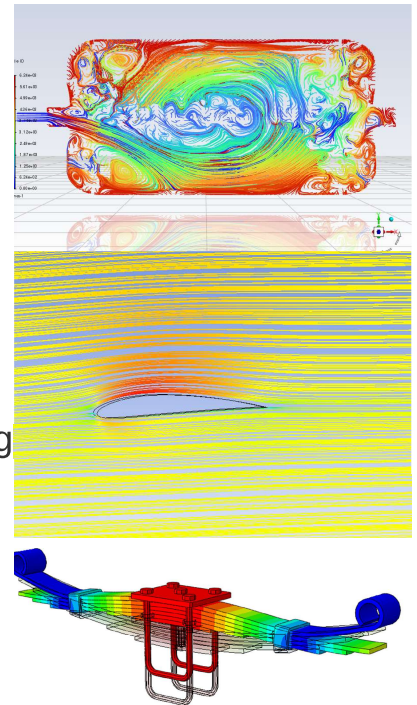


## Core Team

Domain experts with 20+ years of product design, CAD and applied structural simulation experience across automotive, drone and industrial domains

## Our Services

- Project-based validation support
- Overflow CAE - CFD assistance for internal engineering teams
- Prototyping support and lab validation
- Support for urgent OEM submission deadlines
- Iteration-based design improvement studies
- NDA (Non-Disclosure Agreement) ready engagement



**भौतिक** *tik*

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+91 81225 40431



marketing@bhautik3d.in



www.bhautik3d.com



Chennai, India

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