

SRUHAM ENGINEERING & CONSULTANCY SERVICES PVT. LTD

PRAKRUTHI TOWNSHIP HORAMAVU AGARA MAIN ROAD BANGALORE 560043

Introduction:

Sruham Engineering is an engineering and consultancy services company, formed by a group of automotive scientists and engineers who has decades of proven track record globally in commercial Vehicle and Defense Vehicle segment.

What we do:

- Interior & Exterior concept styling and design
- Laser scanning and 3D part modeling
- 3D CAD and 2D manufacturing drawing
- GD&T and Weld drawing
- Exploded View and Assembly sequencing
- Kinematic Simulation of mechanism
- Engineering Bill Of Material Creation
- Finite Element Analysis (FEA)
 - Crash Test and Roll Over analysis
 - NVH Analysis and Pass by noise
 - Interior Noise Analysis
 - Strength and Durability
- Homologation Support and Documentation as per CMVR and AIS regulations
- Light weighting and Metal to Plastic Conversion suggestion for cost effective alternate material.

Domain Expertise:

- Bus body interior & Exterior styling and design
- Chassis design and integration
- EV and E Axle design
- Seating system Design
- FRP Front and Rear Fascia & Dash Board Design and mold development
- Conventional wiring harness design and Multiplex wiring using CAN Bus
- Bus lighting and Safety devices design and analysis
- Intelligent Transport System design and customization
- IOT, Advertising and revenue generation through advertising
- FEA (all kinds of FEA)
- AIS, FMVSS, ECE and CMVR regulations

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What we have done:

- APSRTC Indira Super Luxury Bus
- Light Weight Composite Bus body
- Bullet and Blast proof caravan for honorable CM of AP, Telangana, Punjab, Hariyana and UP
- Armored Vehicle for TAG USA (US Army)
- Armored Vehicle for Indian Army
- Mobile Command Post for Indian Army
- Bullet Proof Vehicles for Andhra and Telangana Police
- 12 meter low floor city application Chassis
- 12 meter Tarmac buses for Indigo
- E Axle design (Including motor and controller) for Switch Mobility

Research Work:

- Working on Hydrogen storage and transportation
- Developing low cost Proton Exchange Membrane
- Propeller Shaft with Composite material
- Alternate Material

University Association:

- TU-Delft University Netherland
- Stanford University USA
- IIT Patna and Kharagpur
- Amrita University Coimbatore

Best Regards

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