

Projects Pursued at Under Graduate & Post Graduate level under the Guidance of Dr.M.Madhavi.

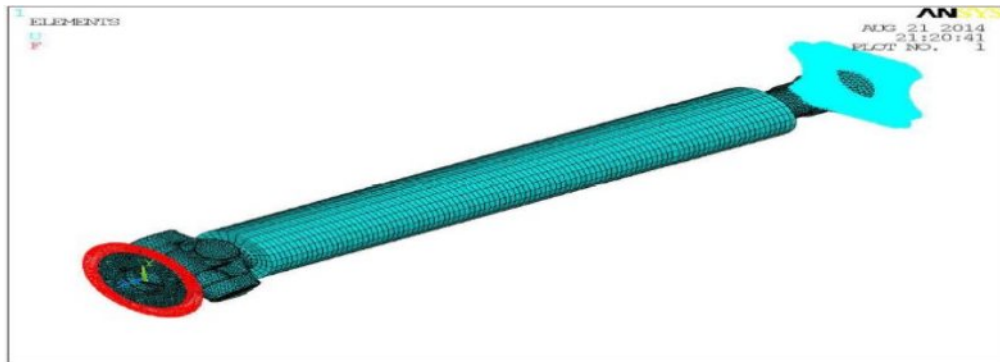
1. Step Traversing Trolley .Maintains a Horizontal Platform on Inclined surfaces. Developed at MVSREC.



2..Chassis of a GoKart Vehicle made out of Composite Material .Developed at MVSREC.



3. Designed & Fabricated a Composite Propeller shaft of an Automobile at MVSREC & Pvt.Industry as a UG & PG Projects



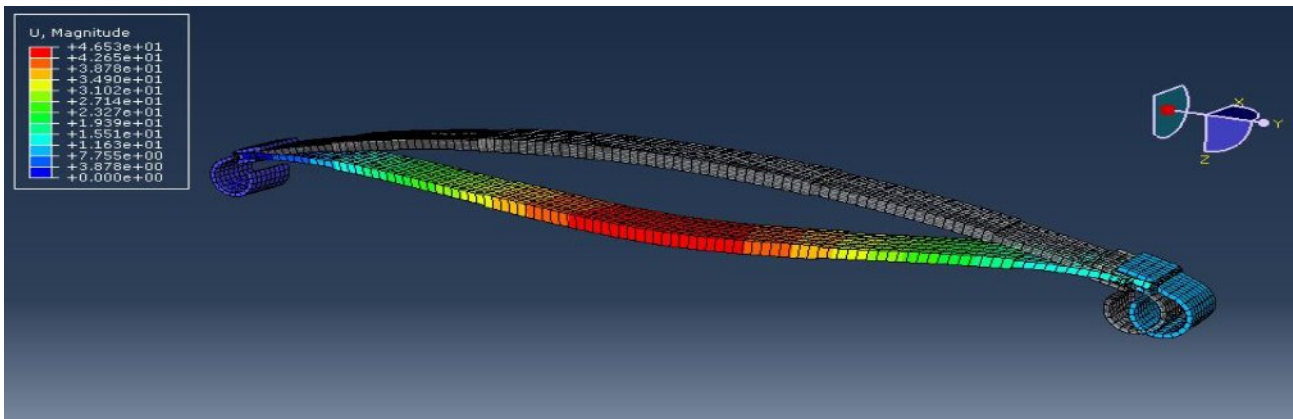
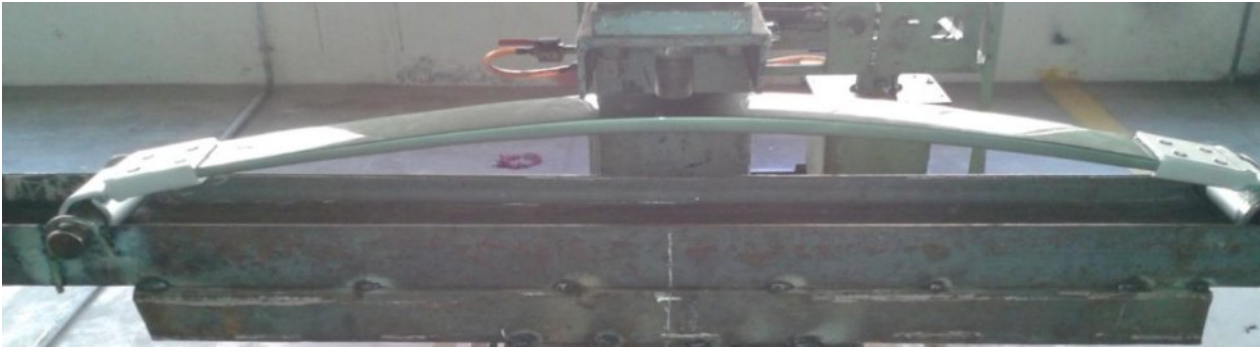
A Computer Simulated Model



Test Rig Developed at our college

(Hydraulic Test Rig Designed by Dr.P.A,Sastry)

4. Designed & Fabricated a Composite Mono Leaf Spring at MVSREC as a UG & PG Project.



A Computer Simulated Model

5. **Vibration Test Rig to test Automobile Shock Absorbers– Fabricated at MVSREC**



**6. Design & Fabrication of Composite Heat Exchanger.Fabricated at MVSREC & Pvt.Industry.**



**8. COMPOSITE REMOTE CONTROLLED AIRCRAFT-CFD ANALYSIS & FLIGHT TEST**

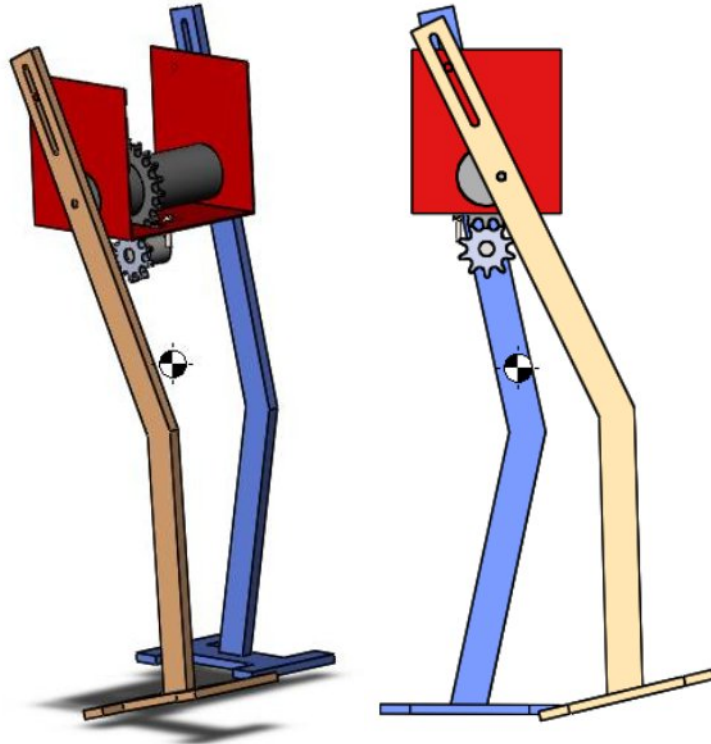


Developed the structure with Composite material at our Labs in collaboration with Pvt.Industry.



## 9. DESIGN AND DEVELOPMENT OF TWO LEGGED WALKING ROBOT

(The project work was carried out in collaboration with department of IT under the guidance of Mr.V.Ashwini kumar)



Kinematic studies on Solid works-COSMOS & Developed Model under Motion



**10. Ph.D work: Composite Solid Rocket Motor Casing (Propellant Carrier)-  
Experimental set up at DRDO : Burst pressure test of a composite casing**



**I. Burst Pressure Analysis**

