

Mamidi Ajay Sagar

MRK Heights(app), Flat no-101,
Road no-3, hemanagar, uppal-500039

vayuvega.sagar@gmail.com
+91-9010410128

CAREER OBJECTIVE

To acquire a growth oriented profile where my skills and knowledge are effectively utilized for developments of self and the organisation.

WORK EXPERIENCE

MAR-OCT 2016 : CAD Engineer DRDL, Hyderabad

Modelling, Drafting and Analysis.

- Modelling and drafting of Free jet test vehicle of HSTDV, Air bottles and Turbo pump components.
- Structural analysis of Air bottle.

AUG-FEB 2012 : Hardware technician.

House hold Computer systems., Hyderabad

- Assemble and dissemble of Computer systems.
- Installation of All type's of Operating systems and software's.
- Solving various computer hardware problems.

ACADAMIC THESIS

Title : Design of Various Geometric Shapes of Pressure Vessels used for Aerospace Applications.

Description : Study is about determining the most optimal geometric shape of pressure vessel among Obround, Spherical, Toroidal and Ellipsoidal Shapes. Study also aims to be a guideline for designing pressure vessels.

Title : Effect of Fiber Orientation on Strength of composite plate under uniform Pressure

Description : The study involved finding the effects of fibre orientations on a four layer composite plate under pressure load using FEM tool. The orientation studied are i) 0, 90, 90, 0. ii) 0, 45, 45, 0. iii) 0, 45, -45, 0.

ACADEMIC CHRONICLE

JULY 2016 : **Bachelor of Technology** in AERONAUTICAL ENGINEERING

Malla Reddy College of Engineering and technology

Jawaharlal Nehru Technological University, Hyderabad, India.

AGGREGATE: 64.57

MAY 2012 : **Intermediate** in MATHS, PHYSICS AND CHEMISTRY

Sri Chaitanya jr.Kalasala, Hyderabad

BOARD OF INTERMEDIATE EDUCATION, Andhra Pradesh, India

AGGREGATE: 65.5

MAY 2008 : **10th**

St.Veenus High School, Hyderabad

Board of Secondary Education, Andhra Pradesh, India

AGGREGATE: 59.2

ACTIVITIES

- Organised Technical Events in the college annual fest, and was twice the lead in arranging the events.
Carbide Rocket modelling and competition in Aerodyne 2k13 at MRCET in August 2013.
Technical Quiz a Quiz event conducted in Aerodyne 2k14 at MRCET in September 2014.
Participated in Boeing Aero-modeling competition in IIT Kharagpur during KSHITZ-2015.
- Worked as webcaster for 2 times during General Elections.

SKILLS

Report Writing :	L ^A T _E X. and MS Word
Programming :	C language
Simulation :	Mat Lab
CAD Tools :	CATIA-V5,CREO(2.0, 3.0, MBD), AutoCad
Analysis Tools :	ANSYS Mechanical APDL, CFD
Mathematical Cal :	MS Excell, Math-CAD
Others :	Moview Maker, Corel Paint Shop, Photoshop

LANGUAGES

TELUGU :	Mother tongue
HINDI :	Intermediate
ENGLISH :	Fluent
GERMAN :	Basic Knowledge

INTERESTS AND HOBBIES

Advancement in new Technology, Mechanical Designing and Modelling
Writing short stories, Poems, Cooking, Singing, Travelling.

PERSONAL DATA

FATHER NAME :	M. Chandra Mouli
DATE OF BIRTH :	13 th August 1993
PERMANENT ADDRESS :	H no-8-16/1/B/2/102, Hemanagar, Uppal, Hyderabad, India
NATIONALITY :	India
MARTIAL STATUS :	Un-married

DECLARATION

I consider myself with above-mentioned aspects. I hereby declare that all the above particulars are true to best of my knowledge and belief.

Place Hyderabad

Date :

Signature: