



P.SHIVA KUMAR
S/O P.VENKATI,

H.NO:11-1-512

CHANDHRA SHEKAR COLONY

Dist: Nizamabad **Phone:** +91 8125182052

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Objective

To be a part of a progressive firm offering opportunity for career advancement and Professional Growth and which will help me gain sufficient knowledge.

Academic Credentials

- **M.Tech.**

Specialization: Machine design

College : hashitha inst.of engineering and technology

University: Jawaharlal Nehru Technological University, Hyderabad

Duration : 2013-2016

Percentage: **73.56%**

- **B.Tech.**

Specialization : Mechanical Engineering

College : Vijay Rural Engineering College, Nizamabad

University : Jawaharlal Nehru Technological University, Hyderabad

Duration: 2008-2011

Percentage : **76.87%**

- **DIPLOMA:**

College : Govt. polytechnic Nizamabad

Duration : 2005-2008

Percentage : 62.05%

- **SSC (10th standard):**

School : C.S.I High School, Nizamabad, A.P.

Duration : 2004-2005

Percentage : 76.5%

SoftwareSkills

- **Technical knowledge** : Auto cad, NX, HYPERMESH, ABAQ US, SOLIDWORKS & ANSYS.

Achievements:

1. Won state level 1st prize in working model on Prevention of accidents in automobile at knight time conducted by ABVP in srujana -09.
2. Acquired various merit certificates in robotics in different competitions
- 3 **Worked as GATE coaching instructor provide online videos for GATE aspirants**

through reference by WWW.MYMIRROR.IN

Extra-curricular activities:

1. Participated in NCC in school and polytechnic and I got A, B, and C certificate .
2. Participated as coordinator and volunteer in college technical functions

EXPERIENCE SUMMARY: 4years

Designation	Organization	No. of Years
Sr CAE engineer	Designtech Pvt.ltd	7
Assistant Professor & HOD	Vijay Rural engineering college	3years up to date

SUBJECTS HANDLED:

1. Thermal engineering
2. Fluid mechanics & hydraulic machines
3. Strength of materials
4. machine design
5. kinematics of machinery
6. Refrigeration and air conditioning
7. Engineering drawing
8. metallurgy and material science
9. CAD/CAM
10. Engineering mechanics

Projects:

Major Project: “*DESIGN AND FABRICATION OF SOLAR STIRLING ENGINE*”

Description:

A Stirling engine is a heat engine operating by cyclic compression and expansion of air Or other gas, the working fluid, at different temperature levels such that there is a net conversion of heat energy in to mechanical work.

The stirling engine is traditionally classified as an external combustion engine, as all heat transfers to and from the working fluid take place through the engine wall.

The stirling engine is noted for its high efficiency (up to 40% in practice).quiet operation, And ease with which it can almost any heat source.

Keywords: *closed cycle, working fluid, compression, expansion,*

Minor Project: “developing a CNC parametric for machining a Turbine LP moving blades on Fanuc 15M.”

Description:

The Main Objective of this project is manufacturing a low pressure moving blade of a turbine by analyzing and modification of conventional program. Manufacturing of a blade done by writing in computer i.e. called CNC (computer numerical control machine).by using parametric program the time required for writing a program is reduced.hence results in decreasing of manufacturing lead time.

Areas of Interest

- Automobiles
- Designing
- Teaching

Other Interests

Internet Surfing, playing cricket, listening music

Personal skills

Positive thinking, well equipped with communication skills, quick Learner, working in any condition and have confidence in seeking a good position in any field with my skills and hard working.

Personal Details:

Date of Birth : 20/07/1989
Father's Name :P. Venkati
Sex : Male
Nationality : Indian
Marital Status : Married
Languages known :English, Telugu, and Hindi

DECLARATION:

I hereby declare that the above mentioned information is true to the best of my knowledge.

Place : NIZAMABAD

Date : (P SHIVA KUMAR)