



Street No. 9B, B-Block, Vishnu hill town, Ajmer, 305007 |8114414047 | kamalsingh1310@gmail.com

Career objective

To work with an organization in teaching domain. Where I can learn more and prove my abilities. My aim to grow with the organization and contribute fullest on my part in the achievement of organization goals.

Education

M.TECH |CAD, CAM & ROBOTICS|MECHANICAL ENGINEERING | MAY 2016

INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE

(Indian Institute of Technology)

CGPA: 7.11

B. TECH |MECHANICAL ENGINEERING | JULY 2013

MAHARISHI ARVIND INSTITUTE OF ENGINEERING AND TECHNOLOGY, JAIPUR

(Rajasthan Technical University)

Aggregate Percentage: 69.61 %

12TH STANDARD | SCIENCE AND MATHS | 2009

HKH PUBLIC SCHOOL, AJMER

(Rajasthan Board of Senior Secondary Education)

PERCENTAGE: 71.69 %

10TH STANDARD | GENERAL | 2007

HKH PUBLIC SCHOOL, AJMER

(Rajasthan Board of Secondary Education)

PERCENTAGE: 70.67 %

Educational achievements

GATE 2014 QUALIFIED, AIR 2026, SCORE 691

Runner-up in college quiz competition, 2013

Experience

1 year teaching experience in domain of :

- **Strength of mechanics**
- **Machine design**
- **Fluid mechanics**
- **Fluid machinery**
- **Manufacturing processes**
- **CNC machines and programming**

In-charge and guide of:

- **CAD/CAM lab.**
- **Production practice lab.**

(Modern Institute Of Technology and Research Center, Alwar)

Skills & Abilities

- Techno course: Auto CAD, Ansys 15.0 and Solidworks 14.0
- Operating System: Windows XP, 7, 8 and 10

- Others: MS Office 10-16

Projects

- B.Tech College Project |Peddle Powered Water Pump| (3 months)

A machine pumps is made which pumps 5-10 gallons of water per minute from wells and boreholes up to 30 in meters' depth, (compared to an electric pump that only pumps up to 12 meters deep). Provides irrigation and drinking water where electricity is not available.

- M.Tech college project |Modelling and analysis of critical components of industrial piping system| (1 year).

Two non-standard Bolted Flange Joints (BFJs) are designed and compared with standard one in terms of ductility and strength using Finite Element Analysis in Ansys. Non-standard flanges performed very well and stress generated in bolts in non-standard flange assembly is found to be less than stress generated in bolts in standard flange which ensure the durability and safe design of the joint.

Training

- Industrial Training of 1 month at VE Commercial Vehicles Limited, Jaipur.
- Undergone a Business Skill Development Program by "Entrepreneur Development Institute".

Extra-Curricular activities and hobbies.

- Participant in inter college cricket tournament.
- Chess
- Video games

Languages Known

- English & Hindi

It is hereby declaring that the information given above is true to the best of my knowledge & brief.

KAMAL SINGH
DATE:

PLACE: