

KRISHNA SHARMA

krishnabsharmas@gmail.com

+91 7385514688

Mechanical Engineer

Career Objective

To work in pragmatic way in an organization where I can show my talent and enhance my skills to meet company goals and objective with full integrity and zest

Education

Year of Passing	Qualification	Awarding Authority	Name of Institute	Aggregate
2016	Bachelor in Engineering Mechanical Engineering	University of Pune	Marathwada Mitramandal's College of Engineering, Pune	First Class, 63.94%
20011	HSC – Physics, Chemistry, Mathematics	State board of Maharashtra	SMV, Akluj*	Grade 1, 71.67%
2009	SSC	State board of Maharashtra	SMV, Akluj*	Grade 1 with distinction, 92.30%

*SMV – Sadashivrao Mane Vidyalaya, Akluj

Graduate Aptitude Test in Engineering (GATE) 2017 qualified with GATE score of 490

Coursework

- Design of machine elements
- Strength of materials
- Fluid mechanics
- Heat transfer
- Manufacturing Process
- Metrology and Quality Control

Academic Project

Prediction of Pressure Drop and Fluid Properties across Filters and Various Geometries (sponsored by Fleetguard Filters Pvt. Ltd. - R&D and prototype testing department)

- To learn standard test setup of filter testing with reference to ISO standards & carry out different tests for filters.
- Determination of pressure drop across a filter experimentally.
- Theoretical calculation of pressure drop across filter & comparing it with experimental value.
- Generation of MATLAB code for theoretical calculation of pressure drop.

- By using CFD (Computational Fluid Dynamics) software ANSYS FLUENT and GeoDict analyze the flow through it

Research Paper

Title- Prediction of pressure drop across orifice using MATLAB and analysis of flow through it using CFD

Journal name: International Journal of Engineering Research and General Science, ISSN 2091-2730

Date: Volume 3, Issue 6, November-December, 2015

Mini projects

- Design of Reverted joints
- Design of pressurized thin cylinder
- Design of hydrodynamic bearing

Technical and computer skills

- MATLAB R2011
- ANSYS FLUENT 14.0
- CATIA V5R20
- Mastercam
- MS Excel and PowerPoint

Initiative and extra-curricular activities

- Active member of Mechanical Engineering Students' Association (MESA), 2014-2016
- Organised national level technical events for the college annual fest
- Participated in quiz and CATIA modelling completion

Skills and interests

- Languages known: English, Hindi, Marathi.
- Skills: Quick learner, Adaptable, Patient
- Interests: Playing cricket, Swimming

PERSONAL INFORMATION:

Date of Birth : 09/05/1994

Gender : Male

Address : Sumanshree Building, Postman Colony, Lane no-2, Hadapsar- 411028

Marital Status : Single

Nationality : Indian