

Jyoti  
M. Tech Mechanical engineering (Industrial and  
Production Engineering)  
Kurukshetra University  
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jyoti\_bhaghi@yahoo.com

**Regarding:** Request for the post of GET Mechanical Engineering Department

**Objective** Currently looking for a job position in an organization that needs an individual who will work as a mechanical engineer and has the ability to work with a team for a particular purpose.

### **Academic Education**

| <b>Examination Passed</b> | <b>Univ./Board</b>     | <b>Year of Passing</b> | <b>%/CGPA</b> |
|---------------------------|------------------------|------------------------|---------------|
| <b>M.Tech</b>             | Kurukshetra University | 2015                   | 8.24          |
| <b>B.Tech</b>             | Kurukshetra University | 2011                   | 68.46         |
| <b>Class XII</b>          | CBSE                   | 2007                   | 71.4          |
| <b>Class X</b>            | CBSE                   | 2005                   | 67            |

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### **Technical Skills**

#### **Tools and Technologies**

Well verse in software tools such as AutoCAD, Microsoft Office World, Microsoft Excel, and Microsoft Power Point.

#### **Areas of interest**

Mechanical Systems are major thrust areas, however gained handful of experience in certain area such as Industrial Engineering, Production Engineering. Strength of Materials, Internal combustion Engines, Automobile Engineering, Thermal Engineering

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### **Experience**

Worked as **Assistant professor at** Universal Institute of Engineering and Technology, Hisar (Haryana) from 7<sup>th</sup> Jan 2012 to 14 Aug 2013

Worked as **Assistant professor at** Guru Singh College of Engineering and Technology, Nashik (Haryana) from 7 Feb 2020 to 14 June 2020

#### **Courses:**

Computer aided design and manufacturing, Operations Research, Internal combustion Engines and gas turbines, Thermodynamics

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## **Research Work**

### **Thesis**

Optimization of Machining Parameter in Electric Discharge Machining of AL 65032

### **Research papers:**

**Jyoti**, Manjeet Bohat, V P S Kalsi ,Sunil Dhingra “A Review on effect of EDM parameters on Die sinking EDM” Trends in Mechanical Engineering and technology, ISSN: 2231-1793(online), ISSN: 2347-9965(print) Volume 5, Issue 1 www.stmjournals.com India. (STM) [Accepted].

**Jyoti**, Manjeet Bohat, V P S Kalsi ,Sunil Dhingra “**Optimization of Machining Parameters in Electric Discharge Machining of Al 65032**” in Journal of Materials and Metallurgical Engineering www.stmjournals.com India. (STM)

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## **Internships**

1. **M.Tech thesis pursuing from CSIR-CSIO, Chandigarh, June 2015.**
2. Industrial Training at HMT limited ,Pinjore, June 2010
3. Industrial Training at Krishna Maruti Limited, Gurgaon .June 2009.

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## **Projects**

### **M.TECH and B.TECH Projects**

- Design & Fabrication of Smart Stove for Rural Society
- Design and fabrication of manually operated washing machine
- Design of Solar Air conditioner

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## **Seminars**

- I. Attended the seminar on **Personality Development** at Kurukshetra University.
- II. Attended the seminar on Latest **Trends in Mechanical Engineering** at Kurukshetra University.

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## **Extra-Curricular Activities**

- Actively participated in Athletic meets in graduation.
- Effectively organized three technical events in graduation.
- Won thrice in on-the-spot Art and Craft making in a competition held on women day during graduation.
- Attended Art of Living course y+.

**Other Information:**

**Personal Qualities**

Analytical thinking, Ability to learn new things quickly, Organized and able to set up priorities, work effectively as a team member or independently

**Non- academic interests**

Art & craft, Gardening and Cooking

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**Personal Information:**

**DOB:** 05/02/1989

**Fathers Name:** Surender Kumar Sharma

**Permanent Address:** c/o Lokesh Kumar, C-08,Staff Quarter, BSNL Telephone Exchange ,Canada Corner ,Nashik (Maharashtra)-422002

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**References:**

**Mr. V P S Kalsi (Principal Scientist)**

CSIR CSIO, Chandigarh.

Mob: +91-9876011662

Email: [vps\\_kalsi@gmail.com](mailto:vps_kalsi@gmail.com)

I hereby declare that the particulars given herein are true and complete to the best of my knowledge and belief.

**Place:** Nasik

**Date:** 31-08-2021

**Jyoti**

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