

Abhay Sharma

M.TECH Mechanical Engineering
(Product Design & Development)



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CAREER OBJECTIVE

Dedicated and result oriented in all aspects. I would describe myself as a diligent, conscientious and a rational human being who is always ready to face new challenges in life. Well disciplined with ability to manage multiple works efficiently under extreme pressure while meeting tight deadline schedule. My aim is to develop knowledge and skills to work completely to pursue a highly challenging and creative career, and to accept challenging job opportunity.

WORK EXPERIENCE

- **GURU NANAK DEV EDUCATION TRUST** (27TH August 2017 to till date)
Presently I am working as assistant professor in Guru Nanak Institute of Technology since 27th August 2017 to till date.

- **COSMO FERRITES LTD** (December 2016 to June 2017)

Website: <http://www.cosmoferrites.com>

Company Profile: - One of the leading Manganese Zinc Ferrite components (Soft Magnets) manufacturer with house developed technology. About 70% of the products are being exported to major countries in Europe, China, and Finland & South America. The company successfully completes with major electronic component.

- I have undergone six months industrial training in “**Cosmo Ferrites Limited**” Jabli District Solan H.P and spend sufficient time in it to prepare a case study on my M.Tech research area on “**Green Productivity Improvements in Ferrites**”.
 - Prepared M.Tech Thesis on ‘**Green productivity Improvements & Reducing Defects in Ferrites**’ using Simulation with Solid Works.
- **BISLERI MOLDING PLANT** (9th July 2014 to 2nd May 2015)
 - Also Worked with Bisleri Molding Plant Ludhiana as Product Development Engineer from 9th July 2014 to 2nd may 2015. Reported to **Er. S.L. Verma (Design Engineer)** in the organization.
 - **Roles and Responsibilities**
 - Design of the required parts of Machine in Various CAD software.
 - Cycle Time reduction by modification of the machines.
 - Development of parts according to the need of the Machine.

- Recommend & implement improvements in sequence of operations, equipment utilization and related matters.
- Worked as a **SOLIDWORKS Trainer** for six months during my Masters in Engineering training (in GNA)

ACADEMIC PROFILE

- **M.TECH ME** (Product Design & Development) from GNA University with an aggregate of 84%.
- **B.TECH (Mechanical Engineering)** from Himachal Pradesh University Shimla with an aggregate of 69%.
- **Senior Secondary (12th STD)** Non-Medical from Himachal Pradesh Board of School Education Dharmshala with an aggregate of 70%.
- **Metric (10th STD)** from Himachal Pradesh Board of School Education Dharmshala with an aggregate of 86%.

ADDITIONAL SKILLS

- Faculty Development Programme(FDP) organized by NITCON Ahmedabad.
- Solid Works 2014 from Cetpa InfoTech Noida Uttar Pradesh.
- CATIA V5 R-20(2D+3D) From Cetpa InfoTech Roorkee, Uttarakhand.
- AutoCAD.
- Industrial training from “FORD MOTERS” Ludhiana (P.B.)
- Rapid Prototyping
- Particulate Technology
- Learned basic robotics skills from “ROBOSAPIANS INDIA DELHI”.
- Computer Applications (MS Word, Excel).
- Basic knowledge about Vehicle Aerodynamics.
- Value Engineering
- FMEA

PROJECT UNDERTAKEN

- Working Light Combat Boat.
- All Weather Air Conditioner
- Three tired hybrid concept Vehicle
- Robotic path follower (Working Project, Parts from Rob sapiens India).

ACADEMIC ACHIEVMENTS

- **Best Research Paper** award 2016 in Conference held at GNA University on National Education Day.
- **Merit Certificate** in Metric Level.
- **1st Division** throughout Bachelor Degree.
- Winner of “**TECH FUSION 2014**” held at MIT Hamirpur (H.P)

- Winner of “TECH BEAST 2013” held at MIT Hamirpur (H.P)
- 1st in “ROBOTRYST 2012” held at MIT Hamirpur (Org by IIT Kharagpur)
- Attended INTERNATIONAL CONFERENCE on Nano-Technology (Material Characterization by sophisticated Instruments) at University of Petroleum & Energy Studies Dehradun.
- Attended INTERNATIONAL CONFERENCE on Forging Technologies (Association of Indian Forging Industry) AIFI, at Gurgaon.

LIST OF PUBLICATIONS

- “Green Productivity Improvements in Ferrites using Taguchi Methods” Abhay Sharma, Priyavrat Thareja, Vikas Thakur; Journal of Advance Research in Production and Industrial Engineering.
- “Cloud hosted Advance Manufacturing and Assembly “Prof P. Thareja, Abhay Sharma. Journal of Advance Research in Production and Industrial Engineering.

STRENGTHS

- Honest & Punctual
- Ability to adjust to the situation.
- Willing to learn new things.
- Quick Learner
- Hard Working & Confident.
- Innovative and open minded to work in complex environment

PERSONAL DETAILS

- Father’s Name – Sh. Kamal Dev Sharma.
- D.O.B. – 09th April 1993
- Sex – Male
- Marital Status – Single
- Nationality – Indian
- Domicile – Himachal Pradesh
- Language Spoken – English , Hindi
- Address- HOUSE NO-27 P.O. DOMEHAR THE.- GHUMARWIN DISTT.- BILASPUR (H.P.) Pin Code- 174027

DECLARATION

I do hereby declare that the above contents are correct and true to the best of my knowledge and nothing have been concealed there in. I myself should be responsible for making any wrong statement.

ABHAY SHARMA

