

RESUME



PERSONAL DETAILS:

Name	Navdeep Singh
Father's name	S. Surjeet Singh
Date of birth	October 21, 1983
Permanent Address	Village- Gillan Wali, Tehsil- Batala, Post Office- Batala, Distt.- Gurdaspur, PIN-143505.
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OBJECTIVE

Keen focus to serve the society by contributing in quality education through continuous research and innovation; hence achieve excellence in professional life.

EDUCATION

✍ **Ph.D.{ Mechanical (Thermal) Engineering}, Course work completed recently with 73.66%.**

Beant College Of Engineering and Technology, Gurdaspur

✍ **M.Tech. Mechanical Engineering (Thermal Engineering), 65%**

Rayat Institute of Engineering and Information Technology, Ropar.

✍ **B.Tech.{Mechanical Engineering}, 68.42%**

Beant College Of Engineering and Technology, Gurdaspur.

EXPERIENCE:

S.No.	Duration	Designation	Department/ Institute
1.	7 January 2015-Till Date	Assistant Professor	Mechanical Engineering Department Lyallpur khalsa College of Engineering, Jalandhar.
2.	14 July 2014- 24 December 2014	Assistant Professor	Mechanical Engineering Department Amritsar College of Engineering and Technology, Manawala, Amritsar.
3.	14 May 2013-8 July 2014	HOD of Mechanical Department	Mechanical Engineering Department College of Engineering and Management, Kapurthala
4.	August 2011- July 2014	Assistant Professor	Mechanical Engineering Department College of Engineering and Management, Kapurthala
5.	September 2008- August 2009	Lecturer	Mechanical Engineering Department College of Engineering and Management, Kapurthala
6.	August 2006- August 2008	Production Engineer	Indo Asian Fuse Gear Ltd, Jalandhar.

SUBJECTS TAUGHT:

S.No	Subjects	Semester	Subjects taught no. of times
1.	Elements of Mechanical Engineering	1 st & 2 nd	2
2.	Theory of Machine-I & II	3 rd	2
3.	Strength of Material- I & II	4 th	2
4.	Fluid Mechanics	4 th	1
4.	Heat Transfer	5 th	2
5	Machine Design	5 th	1
5.	Refrigeration and Air conditioning	6 th	2
6.	Mechanical Vibration	7 th	1

MAJOR PROJECT GUIDED

S.No.	Year	Title
1	2011	Fabrication of Pelton Turbine Test Rig
2	2012	Electro-magnetic breaking system

SHORT TERM COURSES/WORKSHOPS ATTENDED

- ✍ “Enhancing Competitiveness In Manufacturing & Service Organizations” summer school held at Dr B R Ambedkar National Institute Of Technology, Jalandhar, from July 20-24, 2009.
- ✍ “Emerging Trends In Mechanical Engineering “ one week faculty development programme held at Rayat Group of Institutions, Ropar, from July 2-6, 2012.

CONFERENCE ATTENDED

- ✍ “Emerging Trends In Mechanical Engineering” International Conference held at Thapar University, Patiala on February 24-26, 2011.

PUBLICATIONS

Research Papers

- ✍ “Development of a Novel Portable PV-Fluid Hybrid Energy System” in International Conference on Emerging Trends in Mechanical Engineering, at Thapar University, Patiala, February 24-26, 2011.
- ✍ “Agro Charcoal as a Fuel for Power Generation: An Initiative” in International Journal of Scientific and Technology Research, 2013.

PROJECTS HANDLED:

- ✍ Assistance in designing of special purpose multi spindle drilling machine.
- ✍ Design and Fabrication of multi spindle drilling and reaming attachment for radial machine.
- ✍ Experimental characterization of bi-fuel agro charcoal.

PROFESSIONAL SOFTWARES:

- ✍ AutoCAD
- ✍ CNC programming

LANGUAGES:

Punjabi, Hindi, English

STRENGTHS:

Punctuality, Sincerity towards work, Discipline, Enjoy working in challenging environment, Loyalty, Full Dedication to duty, Ability to maintain proper balance and co-ordination between my personal and professional life.

Navdeep Singh