

Navneet Singh

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Academic Status

Final year postgraduate student in Department of Mechanical Engineering, National Institute of Technology (NIT) Hamirpur (H.P.), India.

Education

Duration	Institute	Degree/Certificate	Major	CGPI/Percentage
2016-18	NIT Hamirpur	Master of Technology	Thermal Engineering	8.58/10 (Till 3 rd Semester)
2010-14	NIT Hamirpur	Bachelor of Technology	Mechanical Engineering	7.38/10
2008-09	Anuradha Public School Maranda	HPBOSE-09	Physics, Chemistry, Mathematics	79%
2006-07	A.B.M.Sr.Sec.School Thakurdwara	HPBOSE-07	Science, Mathematics	83%

Work Experience:-

Designation	Organization	Date Of Joining	Date Of Leaving
GET	Larsen and Toubro Constructions	30-06-2014	27-06-2015

Career Highlights

As a GET I had a rotation plan of working in all the departments on site viz. **Structure, Plant and machinery, QA/QC, Planning, Stores, EHS and MEP** so as to get acquainted with the working of and inter-relations of respective departments. During that time I

- Carried out construction work of 68 nos. of 4BHK (5100 m³ concrete, 1088 MT steel) as per approved construction drawings and method statements with mandated quality and safety requirements within the stipulated time and cost.
- Prepared and finalised of BOQ of PHE, HVAC and Fire Fighting systems to be installed on site.
- Saved 36.8 million on allocated amount of 250 million as per tender of PHE, HVAC and Fire Fighting works on site.
- Prepared method statements, safe work procedures and risk assessments for various construction activities on site.
- Finalised the vendor and executed Plumbing and water proofing works on site.

Functional Areas of Expertise

- Decisive and Results-driven.
- Good Strategic Appreciation and Vision.
- Strives for quality and applies process and discipline towards optimizing performance.
- Strong planning, organizing and monitoring abilities - An efficient Time-Manager.

- High integrity, diligent and conscientious - Reliable and Dependable.

Projects

M.Tech:-

- Presently working on **Thermal analysis of nanomaterial used with PCMs for Thermal energy storage in buildings** under the guidance of Dr.Prashant Dhiman (Associate Prof. Mechanical Engineering Dept. NIT Hamirpur).
- Designed a project for **Heating and Cooling load calculation in buildings** using AutoCAD Revit.

B.Tech:-

- Designed, simulated and fabricated **Live human detection robot** under the guidance of Dr. Sant Ram Chauhan (Associate Prof. Mechanical Engineering Dept. NIT Hamirpur).
- Designed a program to **Determine slope, deflection and bending moment of cantilever beam subjected to udl and point loads** under the guidance of Prof. Rakesh Sehgal (Prof. Mechanical Engineering Dept. NIT Hamirpur).
- Designed, simulated and fabricated **Scott-Russell straight line mechanism** under the guidance of Prof. Rakesh Sehgal (Prof. Mechanical Engineering Dept. NIT Hamirpur).

Extracurricular Activities

- Served as **Secretary NIMBUS 2014** (Annual Technical Festival of NIT Hamirpur).
- Served as **Event Quality Manager of Indian Society for Technical Education (ISTE) NIT Hamirpur chapter.**
- Served as **Convener of Dramatics Club** NIT Hamirpur.
- Served as **Coordinator of Team PR & Publicity (Public relations & Publicity) NIMBUS 2013.**
- Naval NCC '**B**' certificate holder.
- Secured 2nd position consecutively twice in '**Bharat ko jaano**' quiz in 2004 and 2005.
- Selected for State level in survey report on '**Medicinal plants**' competition organized by Children Science Congress in 2007.

Hobbies

- Psychology
- Public Speaking
- Swimming
- Acting
- Meditation

Declaration

I, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Navneet Singh