

20105288  
PhD Scholar  
Mechanical Engineering  
Indian Institute of Technology, Kanpur

Shanti Mehra  
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## OBJECTIVE

To build up my skill set, gain experience and further my knowledge while making positive contribution to the organisation.

## EDUCATIONAL QUALIFICATIONS

Examination	University	Institute	Year	CGPA/%
Ph.D.	Indian Institute of Technology, Kanpur	Indian Institute of Technology, Kanpur	2020-present	-
Graduation	National Institute of Technology, Uttarakhand	National Institute Technology, Uttarakhand	2020	8.87
Intermediate/+2	Central Board of Secondary Education	Army Public School, Ranikhet	2015	93.20%
Matriculation	Central Board of Secondary Education	Army Public School, Ranikhet	2013	10.00

## Ph.D. THESIS

Project Supervisor: Prof. Avinash Kumar Agarwal  
Department of Mechanical Engineering, IIT Kanpur

## PROJECTS & TRAINING

Industrial training in Thermal Power Plant

4 weeks summer training on study of the different sections of the thermal power plant and getting well versed with all the processes in the power plant.

Project on Piezoelectric Power Generator

## POSITION OF RESPONSIBILITY

Student Incharge, Literary Activities, NIT Uttarakhand

Public Relations Team, Entrepreneurship Cell, NIT Uttarakhand

Joint Secretary, The Literary Society, NIT Uttarakhand

Joint Treasurer, Mechanical Engineering branch, NIT Uttarakhand

Coordinator of Illuminate Workshop by Entrepreneurship Cell, IIT Bombay

Coordinator, Media and Publicity Team, Cliffesto'18

Member of NIT Conclave Student's Council

## TECHNICAL EXPERTISE

**Programming Languages:** C, Python

**Designing Software:** Solidworks

## EXTRACURRICULAR ACTIVITIES

Participated in Inter NIT Athletics tournament 2016, held in NIT Kurukshetra

Stood first in 200 metres race, Institute Gathering

Stood first in Story writing competition, Institute Gathering

Third position in Sketching competition, Institute Gathering

Volunteered for Technical Meet

Participated in Youth Parliament at the institute level  
Anchored many events of Institute

## **HOBBIES**

Blogging  
Creative and formal writing  
Sketching  
Photography  
Hiking  
Narration

## **AREAS OF INTEREST**

Writing, Blogging, Publishing and Translation  
Thermodynamics and IC Engines  
Alternative Fuels  
Fine Arts and Sketching  
Advertising/PR/Media  
Industrial Management  
Environment Conservation

**Declaration:** I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Shanti Mehra