



Naman Sharma

Roll No.: 198019

Bachelor of Technology

Materials Science and Technology

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National Institute Of Technology, Hamirpur

EDUCATION

•National Institute of Technology, Hamirpur

B.Tech Materials Science and Engineering

2023

CGPA: 8.12

•DAV Centenary Public School, Una, Himachal Pradesh

CBSE, Himachal Pradesh

2018

Percentage: 85

EXPERIENCE

•SURGE-2023 Fellowship, IIT Kanpur

Competitive Internship Program

22 May 2022 - 11 July 2023

Uttar Pradesh

- Project titled 'Heat capacity and its analysis using Machine Learning'.
- Developed Machine Learning model using data from heat capacity of various materials and synthesized ensemble approaches.

•Micro Turners VI Pvt. Ltd. India

In Office Industrial Internship

1 Dec 2022- 30 Dec 2022

Nalagarh H.P

- Project included working with and learning about heat treatment processes and forging techniques.

•VenuraTech Solutions

Web Development Internship

10 May 2021 - 10 July 2021

Noida, Uttar Pradesh

- Developed several templates for e-commerce sites using MERN stack coding skills.

PERSONAL PROJECTS

•Coal Fly Ash and its Dielectric Properties

B.Tech Major project

Sept 2022- April 2023

- Tools & technologies used: Hydraulic press, Furnace for Sintering, Hot convection, XRD, SEM, Two probe technology for dielectrics

•Transparent conductive oxide

Preparation of Zinc Oxide (ZnO) Thin Film as Transparent Conductive Oxide (TCO)

Sept 2021- April 2022

- Expertise in analyzing the properties of ZnO thin films and optimizing their electrical properties for specific applications.
- Tools & technologies used: Spin Coating, Annealing.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Python, HTML, Javascript, CSS

Soft Skills: Problem-Solving, Leadership, Teamwork, Creativity, Decision Making, Pressure Handling

Relevant Coursework: Thin Film Technology, Advanced Functional Oxide Materials

Areas of Interest: Coal Fly Ash, Advanced Materials like Multiferroic Materials, Energy Storage devices.

POSITIONS OF RESPONSIBILITY

•Secretary, Team Metamorph (Official Club for Material Science Enthusiasts, NITH)

NIMBUS 2022

•Co-Secretary, Team Finance and Treasury

HILLFAIR 2022

•President, Think India Club

2021-Present

ACHIEVEMENTS

•Best Speaker Inter-NIT Debate Competition

2021-2022

•Best Overall Athlete Lalkaar - NITH 2023

2022-2023

•Winner - Real World Hack 4.0 - Zonal Hackathon

2021-2022