



Praroop Trigunayat

ECE INTEGRATED DEGREE | NIT
HAMIRPUR, H.P.

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I wish to contribute towards organizational goals through my technical skills, hardwork and creativity.

EDUCATION

B.Tech + M.Tech Dual Degree Electronics and Communication Engineering

National Institute of Technology, Hamirpur H.P

July 2017 – May 2022,

B.Tech CGPI- 8.67, M.tech CGPI- 8.17

Intermediate in Science

Takshashila Public School, Shahjahanpur U.P, CBSE Board.

April 2016 - April 2017,

94%

High School

Takshashila Public School, Shahjahanpur U.P, CBSE Board

April 2014 - April 2015,

87.4%

PROJECTS

Antenna Design (Jan 2021 – May 2021)

- Designed a simple compact broadband microstrip antenna on CST - microwave studio. The antenna gain obtained was high with low cross polarization.
- Written a paper on the simulated antenna.

College Buddy (Dec 2019 – Feb 2020)

- Made college buddy website using HTML and CSS.
- Worked on the strategic planning and marketing.

WORK EXPERIENCE

CST Simulation Intern

May 2020 – Jun 2020,

Tasks

- Studied microstrip antenna journals.
- Simulated microstrip antenna in CST microwave studio.
- Interned & trained under Dr. Saurabh Kumar, Asst. Prof., E&CED, NIT Hamirpur, HP.

Online Portfolio

April 2021 – Jun 2021,

Tasks

- Designed portfolio website using HTML, CSS and minimal JS.
- Used modern designing technique like dark theme and glassmorphism to improve the UI.

TECHNICAL SKILLS

C/C++

HTML

CSS

OOPS

Data Structure & Algo.

DBMS

Keil

VHDL

SQL

MATLAB

CST MWS

ACHIEVEMENTS

Techkriti

Got 3rd position in quadcopter and line follower in Techkriti 2019 which was held at IIT Kanpur.

Momento

Got awarded in 2017 for scoring 94% in intermediate by Suresh Kumar Khanna.

GATE

Qualified GATE examination in 2021.

CERTIFICATES

TechEagle Innovations (March 2018)

Designed and manufactured RC trainer aircraft.

Data Structure & Algorithm (Jun 2021)

Got certificate from udemy in mastering data structure and algorithm using C & C++.

HTML, CSS & Javascript (Jun 2021)

Got certificate from udemy in HTML, CSS and Javascript.

COCURRICULUM ACTIVITIES

- Participated in sports fest organized by NBH & VBH.
- Founded comedy-based YouTube channel.
- Participated in youth parliament organized by English club.
- Content writing and video editing.