

ANJALI SINGH

ENGINEERING STUDENT

CONTACT

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PROFILE SUMMARY

Motivated and detail-oriented engineering student pursuing a degree in Electronic and Communication Engineering. Seeking to leverage my technical skills, academic knowledge, hands-on project experience to contribute to innovative engineering solutions. Eager to learn and grow in a dynamic professional environment.

EDUCATION

2022 - 2026
GALGOTIS COLLEGE OF
ENGINEERING AND TECHNOLOGY

- Bachelor of Technology in Electronics and Communication

PROJECTS

- Design and Simulation of Microstrip Patch Antenna in CST

Designed and simulated a compact microstrip patch antenna for wireless communication applications using CST. Optimized parameters like return loss, gain, and bandwidth for target frequencies such as 2.4 GHz.

- Design of Quasi End fire Spoof Surface Plasmon Polariton Leaky-Wave Textile Wearable Antenna

Developed a flexible leaky-wave antenna based on spoof surface plasmon polariton (SPP) structure for textile-based wearable applications. Simulated end-fire radiation behavior and studied performance under bending conditions.

SKILLS

- Microprocessor and Microcontroller
- VLSI Design
- Optical Communication
- Electronic Circuit Design
- Network Analysis
- Digital Electronics and Logic Design

TECHNICAL SKILL

- Python, C++, MATLAB
- Software/Tools: MATLAB, Figma
- UI/UX Design
- Web Technologies: HTML, CSS, JavaScript

LANGUAGES

- Hindi
- English

ACHIEVEMENTS AND CERTIFICATE

- "Foundations of UX Design" by Coursera] - [February, 2025]