

# AMIT BARMAN

## Undergraduate Student

### Electronics & Telecommunication Engineering, IESTS

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## 🎓 ACADEMIC QUALIFICATIONS

- 2021 **Indian Institute of Engineering Science and Technology, Shibpur** | Bachelor of Technology | Howrah | 8.21cpga (upto 2nd semester) .
- 2020 **Jadavpur University, Kolkata**, Bachelor of Science | Physics department | 1 year .
- 2020 **Dinhata Soni Debi Jain High School** | Higher Secondary Education | 98.4%.
- 2018 **Bamanhat High School** | Secondary Education | 94.14% .

## 📁 EXPERIENCE & PROJECTS

- BAR2308TT**  
August 2022 | **SSI IC layout design , ELECTRIC VLSI SYSTEM,**  
➤ A IC chip based on 180nm technology that will produce outputs of all Logic gates and Half adder.  
➤ Designed Circuit, Icon, layouts(2D) of this chip & Simulation (Electric VLSI system, LTSpiceXVII).  
[Open-Source](#) [Github](#)
- Voyager**  
Dec 2022 | **Robotics, ROBODARSHAN,**  
Robocon Chapter 1.0, Death race and Soccred game competition  
➤ 2nd position in Death race and 3rd position in Soccred game  
[Open-Source](#) [Github](#) [Arduino](#)
- Sajetaris**  
May 2022 | **PCB design, KiCAD,**  
Flight controller of Fixed wing drone  
➤ The custom PCB board(online 3D view available).  
[KiCAD](#)
- Abhisandhi**  
October 2021 | **My Personal Website, WEB DEVELOPMENT,**  
My Personal website contains information about me, my all projects, my Timeline, and Contact infos.  
[HTML](#) [CSS](#) [Javascript](#)
- Radio Tunner**  
April 2022 | **Live Radio 24x7, WEB DEVELOPMENT,**  
Listening non-stop Radio website for 24x7 in a day at 104.2MHz.  
[HTML](#) [CSS](#) [Javascript](#) [Open-source](#) [Github](#)
- Hacktoberfest**  
October 2022 | **Open Source, GITHUB,**  
Open source contribution during october month and earned badges, swag etc.  
[Open source](#) [Github](#)

## 📋 SKILLS & TOOLS HIGHLIGHTS

Chip layouts design	Electric VLSI system, LTSpice.
Circuit Simulation & PCB design	KiCAD , EasyEDA, Multisim
Web development	Frontend, HTML, CSS, Javascript, Visual studio code.
Programming languages	C, C++ , Fortran, Matlab.
Others	Arduino, PCB soldering.

## 💡 INTERESTS

VLSI TECHNOLOGY :	Cadence, Verilog
OBJECTS :	UAV, Fighter Aircraft
OTHERS :	Robotics, IoT, Raspberry Pi, Python, Matlab
SPORTS :	Swimming, Cycling

## 🎓 CERTIFICATIONS

- 2020 8th rank in Higher Secondary Examination, WBCHSE (West Bengal Council of Higher Secondary Education)
- 2022 2nd position in Death race competition of Robocon Chapter 1.0 organised by Robodarshan