

ABHINAV TRIPATHI

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3rd Year B.Tech.
Electronics Engineering
Rajiv Gandhi Institute of Petroleum Technology

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[LinkedIn](#)

• Profile

3rd Year Electronics Engineering Undergraduate with a good academic record and with high enthusiasm to learn new things and collect knowledge. Interested in Analog Circuit Design, RTL Design, PCB designing, and Communication Systems.

• Education

YEAR	Degree/Qualification	Institute	Percentage/CGPA
2020-present	Bachelor of Technology Electronics Engineering	RG IPT	8.39 CPI
2019	Intermediate (CBSE)	Children Senior Secondary School	86.67 %
2017	Highschool (CBSE)	Children Senior Secondary School	10 CGPA

• Technical Skills

- 1. Programming Languages and Others:** C, C++, MATLAB, Verilog, System Verilog, PCB Designing, Signal Processing, FPGA Design.
- 2. Software Packages:** Arduino IDE, ModelSim, Xilinx Vivado, MATLAB, Cadence OrCAD, PSpice, TINA, Autocad.

• Academic and Extracurricular Achievements

- 1. Intern Trainee at Hindustan Aeronautics Limited (HAL), Korwa. (July 2022)**
- 2. Qualified JEE ADVANCED (2020).**
- 3. Qualified UPSC NDA two times and AIRFORCE Group X & Y.**
- 4. Cracked SSC CHSL 2020 and UPSSSC PET 2021.**
- 5. Got 1st Rank in the Best Innovative Idea Competition held in INSPIRE Internship Camp in 2018 under the Department of Science & Technology, GOI.**
- 6. Attended INSPIRE Internship of 7 days held at SRMScET by DST, Ministry of Science and Technology, Govt. of India.**
- 7. Participated in the 11th Bhartiya Chhatra Sansad organized by MIT-WPU.**

• Completed/Ongoing Projects

- 1. Secret Services encryption and decryption system IMPACT (Completed 2021)**
- 2. Smart Waste Segregator (Completed 2022)**
- 3. IOT-based home automation system. (Completed 2022)**
- 4. Smart Mobility Vehicle (e-Scooter) (Ongoing.....)**
- 5. Achieving data rate maximization in MIMO Communication Systems (Ongoing.....)**

• Positions

- 1. Head of ARPAN Social Club, RG IPT. (2022 – Present)**
- 2. Overall Coordinator at IEEE RG IPT Student Branch (2022 – Present)**
- 3. Teaching Volunteer at GYANARPAN under Project Amethi, taught more than 500 students in online and offline modes. (2021 – Present)**
- 4. Hindi Editorial Head at Media Cell, GYANARPAN (2021 – Present)**