

Rudransh Gupta

Department of Electronics and Communication
Indian Institute of Information Technology Allahabad

Phone no - 8318895954

Email - rudransh1@gmail.com

Github - github.com/rudransh1

EDUCATION

Study Hall, Lucknow - High School(2015)

C.G.P.A. - 9.2

Study Hall, Lucknow - Intermediate(2017)

Percentage- 89.2%

IIIT, Allahabad - B.Tech(2017-present)

C.G.P.A. - 7.92

POSITION OF RESPONSIBILITY

Executive, IIIC - Web Operations (April 2018-March 2019)
(IIITA Info Communication And Incubation Centre)

- Built the official website of IIIC, and e-summit, 2019 during my 2nd year.
- I was a volunteer also of IIIC in my freshman year and contributed in successful conclusion of e-summit 2018.

MAIN PROJECTS

Directional Loudspeaker (April 2019)

- Assembling parametric array of ultrasonic transducers to transmit acoustic signals.
- Investigating how to modulate ultrasonic signals(40kHz) to acoustic signals(20Hz-20kHz) and then demodulate them.

Online Notice Board (January 2018)
(<https://github.com/rudransh1/online-notice-board>)

- An online teacher - student notice portal through which teacher as admin can send notice to any user registered as a student.
- This project is developed using HTML, CSS for front-end and php, MySql for backend.

SKILLS

C++, C, HTML, CSS, Python,
OOP concepts, MySQL.

TOOLS

Matlab, Multisim, Git.

ACHIEVEMENTS

- Won 1st prize in 36 hour hackathon(Prototype) organized by Headout.
- Won 1st prize in 18 hour hackathon organized by iBhubs solutions

OTHER PROJECTS

Li-Fi Transmission system (October 2018)

Developed own hardware system for a two way communication and explored the area of wireless communication through light.

Smart Pants (July 2018)

IOT developed smart baby pants that detects moisture level and sends the readings to blynk cloud. Also plots real time graph of received data.

