

Arunima Singh

DOB: 3rd, may, 1996



Contact

Address:

M1, Rampur alias Ramgarh
M.M.M.Engg.College,
Gorakhpur

Phone:

+91 9336191422

Email:

arunimas318@gmail.com

LinkedIn:

www.linkedin.com/in/arunima-singh-58624b1b3

Languages

- English
- Hindi

Hobbies

- Listening Music
- Travelling
- Playing Badminton

Objective

To secure a challenging job with a professional driven work environment where I can utilize and apply my knowledge, skills which would enable me as a fresh graduate to grow while fulfilling organizational goals.

Skill Highlights

- Leadership
- Team management
- Microsoft office
- Computer Languages like C ,C++ and Python

Projects

Project Title: **Study of Structural and Electronics Properties of 2D WSe₂ monolayer (June2020-July2021)**

Project Scope: The structure has 2H prototype with trigonal prismatic arrangement of centered W atom surrounded by Se atoms. Therefore, the WSe₂ monolayer band structure conclude the semiconducting nature as indirect to direct transition.

Deliverables: Outcomes shows that a great solidness of the direct bandgap of monolayer. The bandgap of monolayer is 1.21eV.

Project Title: **Wireless Digital Notice Board using GSM Technology (June2017-June2018)**

Project Scope: To design a novel system by integrating Display, GSM and microcontroller from which we can easily display the notice on noticeboard in any organization to save time and money.

Deliverables: The output is to display the notice with the help of mobile phone from anywhere in the certain range.

Project Title: **Android Based Home Automation System(June2014-June2015)**

Project Scope: To design a novel system by integrating android, microcontroller from which we can easily handle the home appliances from anywhere to save the time and electricity.

Deliverables: The output of this system is to operate the home appliances with any device from anywhere.

Academics

- **M.Tech** in Digital System from MMMUT, Gorakhpur, 2021 with 78.5%
- **B.Tech** in Electronics and Communication from ITM Gorakhpur, 2018 with 71%
- **Diploma** in Electronics Engineering from M.P. Polytechnic, Gorakhpur, 2015 with 78%
- **SSC** in PCM from Saraswati Vidya Mandir, Gorakhpur, 2012 with 60%
- **HSC** from Saraswati Vidya Mandir, Gorakhpur, 2010 with 66%

Industrial Training/ Workshop

✚ **Organization: Signal and Telecommunication (North Eastern Railway)**

Area of Work: Signaling

Duration: 1 month (June 2017-July 2017)

✚ **Organization: NIELET, Gorakhpur**

Area of Work: Embedded System Design

Duration: 1 month (June 2016-July 2016)

✚ **Organization: Signal and Telecommunication (North Eastern Railway)**

Area of Work: Signaling

Duration: 1 month (July 2014-August 2014)

Certifications

- **Internet of Things** Course Certification from IIT Kanpur.
- **RTSTA-2020** certification from SVNIT, Surat.
- **Embedded System Design** course Certification from NIELET, Gorakhpur.
- **CCC** Certification from NIELET, Gorakhpur.
- Python certification from Ducat, Noida.

Publications

Arunima Singh and Bramha P. Pandey, “**Study of Electronic and Optical Property of 2D WSe₂ monolayer**” International Conference on VLSI & Microwave and Wireless Technologies, (ICVMWT), 2021 (Springer Book Chapter).