



YOGESH CHAUHAN

M. Sc. in Physics

PROFILE

Recent graduate with excellent research, technical, and problem-solving skills. detail-oriented and able to learn new concepts quickly. organized and motivated candidate eager to apply time management and organizational skills in various environments. Seeking entry-level opportunities to expand skills while facilitating company growth. I am a dynamic team player, with a strong ability to work independently, professionally. I am a loyal and reliable worker. Capable of managing multiple tasks and meeting deadlines with professionalism and a strong work ethic.

CONTACT

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9664043561

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HOBBIES

Playing Volleyball and Chess
Listening to Music
Reading Books

EDUCATION

Jawaharlal Nehru University, New Delhi

2021- Continue

P.h.D. in Physical Sciences,

Jawaharlal Nehru University, New Delhi

2019 - 2021

M.Sc. Physical Sciences, CGPA – 5.87/9

Central University of Rajasthan, Ajmer

2016 - 2019

Integrated MSc. Physical Sciences (B.Sc.), CGPA – 6.79/10

Jawahar Navodaya Vidyalaya (CBSE Board)

2014 - 2016

Secured 85.80% in Science Stream (Physics, Chemistry, and Mathematics with Computer Sciences)

PROJECTS AND INTERNSHIPS

Jawaharlal Nehru University [Masters Major Project]

Dec 2020 – May 2021

In this study, I have a fundamental understanding of 2D van der Waals materials and their heterostructures, and I am well-versed in the DFT method to material modelling. Using VASP software, I have simulated monolayer and bilayer graphene and estimated their electrical characteristics (like Band-structure and Density of state).

Central University of Rajasthan [Bachelors Project]

Dec 2018 – May 2019

In this study, I examined the SIR model for mathematically simulating epidemic diseases. I've talked about the model's mathematical foundations as well as numerous tools for evaluating the efficacy of the model and control strategies. I finished the study by using a python program code to solve the mathematical model and examining the impact of different control parameters.

Personal Project [School Project]

June 15 - Dec15

Represented Jawahar Navodaya Vidyalaya at state level in Computer Science Project of restaurant billing system written in C++ language.

CERTIFICATIONS AND ACHIEVEMENT

- **The complete Web Development Bootcamp** continue..., Instructor Dr. Angela Yu, Udemy.
- **Information Technology Essential** Sep 2022, Destin Learning, Udemy
- **The complete Python Bootcamp** April 2022, Instructor Jose Portilla, Udemy.
- **Qualified Graduate Aptitude Test in Engineering (GATE 2022)** in Physics with Gate Score 523 and all India rank 654.
- **Qualified for All India JNU EE 2021 for PhD** with 2nd rank.
- **Qualify TCS NQT** March 2021 with Score 70.67% and **subject NQT** Programming (Python3) 86.67%.
- **Python Programming** July 2020, 20-hour hands-on training on YouTube - by Rutuja Kulkarni.

SKILLS

- Effectively work on Windows and Linux environment.
- Proficient in MS Word and Excel.
- Basic programming in Python, MATLAB, C++, FORTRAN.
- Web Development skills HTML/CSS.