

Chashandeep Singh

Personal info.

Name: Chashandeep Singh

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Phone number: (+91)9464768369

Date of Birth: (28-01-1999)

Education

Indian Institute of Technology, Madras 2019-2021

Masters in Physics

- C.G.P.A: 7.81/10

Department of Physics, Panjab University 2015-2018

Bachelors in Physics and Electronics.

- Percentage: 65 %

Senior Secondary Examination, CBSE 2013-2015

Physics, Chemistry, Maths, English, Physical Education

- Percentage: 70.8 %

Secondary Examination, CBSE 2012-2013

Science, Mathematics ,Social Science ,Hindi ,Punjabi ,English

- C.G.P.A: 9.2/10

Coursework

Graduate

- Quantum Mechanics I & II
- Mathematical Methods I & II
- Condensed Matter Physics I
- Atomic and Molecular Physics
- Quantum Optics
- Superconductivity
- Nanomaterials and Nanotechnology
- General Relativity
- Particle Physics
- Nuclear Physics
- Numerical Methods and Programming

Under Graduate

- Laser Physics
- Communication Systems
- Optics
- Solid State Physics
- Mechanics
- Electricity and Magnetism
- Thermodynamics
- Electronics

Projects Undertaken

Dimmer Control Circuit for Conventional Street Lamps (*Dept. of Physics, Panjab University, 2017-2018*)

Seminar and Workshops

- Successfully completed SUMMER TRAINING PROGRAM in Embedded System Designing based on Arduino Platform (*Dept. of Physics, Panjab University, June 2017*)
- Enthusiastically participated and lead the team of three in Line Follower competition.
- Designed a module for tracking light sources using Arduino programming.
- Made a water level indicator to detect the level of water.

Technical Skills

<i>Programing Languages</i>	C, C++, Python, Mathematica, MATLAB
<i>Software</i>	Tracker, Microsoft Office, Origin Pro
<i>Operating Systems</i>	Linux, Windows