SURYA CHAUDHARY

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EDUCATION

Course	Institute	Year of Passing	Result
B.Tech (Materials Engineering)	IIT Jammu	Expected 2025	7.79 CGPA (Till 5th Semester)
12th Standard	Shri Sai Public School, Dilari	2021	94%
10th Standard	JNV Moradabad	2019	96%

PROJECTS

Portfolio Website ⤴
Personal Project, Indian Institution of Technology (2023 - Present)
- Explored the basic knowledge of infrastructure of hosting on github and web browsing technology of a website
- Specialized in use of HTML5, CSS and JavaScript to build, design and customise the format and contents of webpage

Ferromagnetic Memory Smart Alloys Analysis ⤴
Indian Institution of Technology (2023 - Present)
- Introducing a novel method for remotely controlling and operating a Ferromagnetic Shape Memory Alloy (FSMA) microactuator system using a low-powered laser beam of visible range and then ultravoilet and infrared ranges.
- Deviation in FMSA is maximum (d = 1.85) when focusing on the blue color wavelength (λ = 450 nm) and minimum (d = 1.495) when focusing on the red color wavelength (λ = 655 nm) in red, blue and green wavelengths.

SKILLS

Programming Languages	C/C++, Python
Web Development	HTML, CSS, ReactJs, Bootstrap
Softwares	Git, MySQL, Onshape, Origin

ACHIEVEMENTS

- Competed against approx. 16 lakh candidates and secured All India Rank (AIR) 14688 in JEE Advanced 2021
- Cleared the written National Defense Academy (NDA) exam twice in 2020 and 2021.
- Ranked in top 250 scholars from 600+ JNVs in Ex-Navodaya Foundation Test for free JEE Coaching Program 2019
- Competed against approximately 12 lakh candidates and passed the National Talent Search Exam stage 1 in 2019.
- Qualified in Jawahar Navodaya Vidyalaya Selection Test (JNVST) in Class VI amongst 25K+ candidates 2014

ADDITIONAL DETAILS

Certifications
- Ranked 2019, Forest Department of India Green Olympiad.
- Programming for Everybody - University of Michigan (Coursera)
- C for Everyone - University of California (Coursera)
- Foundations of Cybersecurity authorized by Google and offered through Coursera

Memberships
- Member: Sports Committee, IIT Jammu
- Member: Table Tennis Club, IIT Jammu

Position of Responsibility
- Coordinator, Table Tennis Club, IIT Jammu

Extracurricular Activities
- Participated as part of the Institute Table Tennis Team in Inter IIT Sports Meet 2022-2023
- Succeeded in reaching Quarter Final in State level Competition organized by Jammu & Kashmir Police in 2022

Hobbies: Table Tennis, Volleyball, Reading, Travelling