

SHIVAM DWIVEDI

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OBJECTIVE

To gain hands-on research experience in theoretical and computational physics, enhancing my understanding of advanced concepts while contributing meaningfully to ongoing projects

INTERESTS

High-energy physics, quantum field theory, and quantum statistical mechanics

Exploring the behavior of anyons and their applications in quantum computing

EDUCATION

Indian Institute of Technology, Guwahati

M.Sc. in Physics (2024 - Present)

Current CPI: 7.77 (1st Semester)

Mahatma Gandhi Kashi Vidyapith, Varanasi

B.Sc. in Physics (2019 - 2022)

Percentage: 70.83%

International Hindu School, Nagwa, Varanasi (CBSE)

Class 12th (2019)

Percentage: 82.8%

Class 10th (2017)

Percentage: 87.4%

SKILLS

Programming: Basic Python Tools:

Numerical techniques, basic scientific computation

CERTIFICATIONS

"Introduction to Quantum Computation" by IISER Pune (Ongoing)

ACHIEVEMENTS

Participated in various school-level Olympiads in Mathematics and Science

Participated in Scientific writing workshop by Springer Nature

Participated in 7th winter conference on condensed matter physics, astrophysics, and high energy physics

Participated in research and industrial conclave at IIT Guwahati