

SHIVAM MISHRA

New Delhi, India

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Nationality: Indian

Personal Profile

I am pursuing Bachelor's Degree from University of Delhi. I have strong interest in astrophysics. Possesses a clear understanding of core physical principles relevant to celestial phenomena and demonstrates strong analytical and problem-solving abilities. Motivated to pursue research in astrophysics, with a keen curiosity about the universe and its underlying laws.

Education

2023 – 2026: BSc(H) Physics

University of Delhi, New Delhi

Relevant Coursework: Modern Physics, Thermal Physics, Mathematical Physics, Quantum and Statistical Mechanics, Tensor Analysis, Research Methodology

2023: Intermediate

DAV Public School, Robertsganj, Sonbhadra

2021: High School

DAV Public School, Robertsganj, Sonbhadra

Experience

DSKC: SUMMER INTERNSHIP PROGRAM 2026, MIRANDA HOUSE (09 JUNE, 2026 - 21 JULY, 2026)

Topic: Cosmology, Data simulation and Parameter Fitting

International Conference on Mahakal: The Master of Time (03-05 April, 2026)

Conducted by MPCST, Science and Technology Department, IKS and Ministry of Education.

IASC (International Astroid Search Campaign) (23 April – 19 May 2025)

Conducted by NASA & IASC. I did Preliminary Detection.

Familiarisation Workshop on Quantum Computing (09-13 February, 2026)

Conducted by the Foundation For Quantum Computing Innovation (FQCI) & IISc Bengaluru.

Agnirva Internship (05 January, 2025)

The Agnirva Space Internship Program conducted by ISRO. It is of 80+ hours.

Workshop on Chasing Cosmic Wanderers: Comet Analysis in The Sun Gazing Project (10 August, 2025)

Organized by Propagation & SA Citizen Science.

International Conference - SFAM (09-10 April, 2026)

IC- SFAM 2026 (International Conference on Emerging Frontiers in Sustainable, Functional and Advanced Materials) organised by Department of Physics, Shivaji College, University of Delhi.

Session and Courses

A Tale of Cosmic Expansion: From the Big Bang to Dark Energy Dynamics (09 November, 2025)

Conducted by Propagation Institute for Advance Studies

AstroTech: The Science and Technology behind Astronomical Discovery

Offered by The University of Edinburgh

Guide of Materials Characterization Techniques (21 August - 27 September, 2025)

Organised by Department of Physics, Shivaji College, University Of Delhi

Course On LaTeX For Academic Writing (09 March - 28 April, 2024)

Organised by Department of Physics, Shivaji College, University of Delhi

Skills

Completion of Arduino Training (07 February, 2025)

Course Credit: 3 by IIT Bombay

Completion of Python 3.4.3 Training (29 September,2025)

Course Credit: 4 by IIT Bombay

Completion of JavaScript Training(29 September,2025)

Course Credit: 2 by IIT Bombay

Others:

SciLab,Astrometrica, Mathematica, LaTeX

Language

English (Fluent)

Hindi(Native)