

Ananya Tyagi

BSc (Hons) Physics & Mathematics | University of Manchester (2024–2027)

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About Me

- BSc Physics and Mathematics student at the University of Manchester (2024–2027) with a strong interest in theoretical physics, astrophysics, and problem-solving. Experienced in research projects, STEM education initiatives, and event coordination, with strong analytical and communication skills.
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Education

- **University of Manchester, UK** – BSc (Hons) Physics & Maths (2024–2027)
 - **Greenwood High International School, India** – High School Diploma (2017–2024)
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Research / Projects

- **Independent Researcher – Physics of Water Management, Chennai (2023)**
 - Explored physics behind urban water systems
 - Applied theoretical concepts to real-world challenges
 - Strengthened data analysis and scientific writing skills
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Internship Experience

- **Brillio – CSR Department Intern (2025)**
 - Judged cluster and zonal rounds, supported jury interactions
 - Contributed to press releases, speeches, and event-day communications
 - Coordinated stakeholders, managed model displays, assisted finalists
 - Conducted STEM training sessions for government school students

- Developed skills in event coordination, content creation, and communication under pressure
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Extracurriculars / Experience

- Competitive Swimmer – Greenwood High International School (2017–2022)
 - Participant – World Scholar's Cup (2019)
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Skills

- Event Coordination | Public Speaking | STEM Education | Content Writing & PR
 - MATLAB & Python | Data Analysis
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Courses

- Fundamentals of Physics I (PHYS200)
 - Introduction to Astronomy (ASTR200)
 - Introduction to Mathematical Thinking (THINK101x)
 - MATLAB Onramp
 - Mathematics for Machine Learning: Linear Algebra (MMLA001)
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