

AADVWAYA PASSI

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EDUCATION

The Shri Ram School, Mouslari, Gurugram, India

IB Diploma Programme, Grade 12

IGCSE Programme, Grade 10

April 2020-Present

2027

2025

STANDARDISED TEST SCORES

SAT: 1480 Math: 770 | Reading & Writing: 710

IELTS: 8.0 Overall Listening: 8.5 | Reading: 8.0 | Writing: 7.0 | Speaking: 8.5

2026

2026

ACADEMIC HONOURS

- University of Cambridge ICE Certificate with Distinction for achieving 3 A*s and 5 As. 2025
- Academic Excellence Awards in Drama (94th percentile), Economics (92nd percentile) and Physics (90th percentile) in Grade 10; scored the highest grade possible and topped the school in Drama. 2025

RURAL EMPLOYMENT INITIATIVE

Founder | Aarohi Project

Aarohi, Satoli, Uttarakhand, India

An NGO focused on natural resource management and curative services, later extending its work to a primary school and livelihoods initiatives.

- Conducted interviews with SHG women and found out geographical constraints on employment in the area
- Conceptualised an impact-led cosmetics brand, currently under production, which sources raw materials directly from these communities.
- Leveraged family ownership of cosmetics to generate employment and create livelihoods for local villages through cottage industries

2026

CHEMISTRY EXPERIENCES AND RESEARCH

Research Study With Lotus Herbals

Worked under R&D head Dr. Antaryami Jena

- Conducted an experiment on Chyura butter in Lotus herbals R&D Laboratory
- Worked out physicochemical characteristics of the three butters under QC department via titration
- Mixed in a moisturizer and found optimum concentration finding chyura butter at 8% is most effective at retaining moisture loss

September 2026

Laboratory Research Course | Johns Hopkins University, Homewood Campus, Baltimore, MD

Worked under Professor Gizelle Eloi

- Completed an experimental laboratory research credit course covering foundational biochemistry concepts
- Designed and conducted an independent group investigation
- Presented findings to course faculty and peers; scored 57/60 across the assessment criteria.

June 2026

Lab Shadow | Department of Chemistry, IIT Delhi

- Shadowed a PhD student whose research focused on photocatalyst-free radical tandem reactions.
- Took part in hands-on lab work using micropipettes, round-bottom flasks and microcentrifuge tubes
- Compiled a report based understanding

December 2025

Intern | Lotus Herbals, New Delhi

Lotus Herbals is a leading Indian personal care company that manufactures and sells natural cosmetics, blending Ayurvedic tradition with modern technology across skin, hair, sun care and makeup.

- Completed a dual-department internship, rotating across Marketing (24–28 Mar) and R&D (31 Mar – 4 Apr 2025).
- Conducted competitive audits of rival brands' websites and social media
- Observed cosmetic formulation development, quality evaluation and product testing workflows in R&D

Mar – Apr 2025

Singapore International Science Challenge (SISC) | National University of Singapore

- Completed hands-on modules in CRISPR gene editing, AI & ML applications and 3D-printing-based model construction
- Led a group research project on phosphorus recovery from manure, the most chemistry-relevant strand of the programme; compiled findings into a presentation delivered to the faculty panel, placing 2nd for Best Presentation across all groups.

May 2024

Online Course | Chemical Hazards by UC David on Coursera

- Final grade of ... in a 2-week course by UC Davis

September 2026

THEATRICAL PURSUITS

Founder & Director | Stage 4 Change (Independent Theatre Production)

- Led an original theatre production recruited student actors, collaborated with peers to adapt David Ives' 'All in the Timing'
- Performed before an audience of 120+.
- Led the fundraising team; raised ₹1,58,000 through donations and the sale of 120+ tickets.

2025

- Donated ₹1,00,000 to fund a life-saving paediatric heart surgery and providing a trampoline and art supplies for 175 children through Action For Autism.

Volunteer, Actor & Youth Coordinator | Storee Ki Boree (Local Drama Company)

May-Jun-2024

- Helped gather and coordinate a cast of children aged 8–12
- Staged the production before an audience of 50–70

Member | Theatre Society, The Shri Ram School

2025 – Present

- Participate in fortnightly Theatre Society sessions and Assisted the theatre teacher in planning and facilitating workshops

SPORTS ACHIEVEMENTS

Athlete | School Sports Teams

2023 – Present

- National Level Athlete winning a silver medal at ISSO and 9 gold medals and 2 athlete of the year trophies through high school

LEADERSHIP EXPERIENCE

Head of Sports | Student Council

Nov 2025 – Present

- Oversaw all sports and introduced pickleball as a new inter-house sport, raising participation by almost double.
- Broadened athletic participation across events, improving visibility of emerging athletes and strengthening the school's talent pipeline for interschool competitions.

Secretary of Sports | Student Council

Apr 2025 – Nov 2025

- Elected from 5 candidates through a competitive process of applications, interviews and a speech-based school-wide vote.
- Assisted in managing school sports teams and coordinated all inter-house matches and sports events.
- Hosted Alumni vs. Students football match

Captain | School Athletics Team

Aug 2025 – Present

- Motivated and supported teammates during competitive away events, maintaining team cohesion under pressure.
- Set a school record with 5 gold medals

COMMUNITY OUTREACH

Volunteer | Sujeet Vasu School

2024 – 2026

- Maintained a decade-long connection to the school, return every occasion to hire magicians, gift uniforms and stationery, and run food drives.
- Observed and valued the children's practice of basic social skills, such as formal greetings, developing a deeper appreciation for consistent, long-term engagement over one-off giving.

Volunteer | Bagiya School

April 2025

- Returned, as part of a school activity, to an underprivileged school whose walls she had earlier helped paint and decorate, to host a day of games and races for the children, running commentary alongside them.
- Closed the day with an unplanned dance session with the children, which underscored how little it takes to make an experience truly memorable.

SKILLS AND INTERESTS

- **Performance Mindset:** Follows athletes, coaches and performance psychologists to build discipline and mental resilience, applying their methods to training and pre-competition preparation.
- **Piano:** Has played since age 10 and prepared for Trinity graded exams up to Grade 3; continues to play for personal creative expression.
- **Film Analysis:** Studies how directors build characters and how actors prepare for roles, such as Heath Ledger in The Dark Knight.
- **Theatre:** Enjoys theatre as a passion.