

SOUUMYA KOTHARI

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EDUCATION

Garodia International Centre For Learning Mumbai, India; 2012 - Present
— *International Baccalaureate Diploma Program, Grade 12;* 2024 - Present
— *Cambridge IGCSE Board Examinations, Grade 10;* 2022 - 2024

STANDARDIZED TESTS AND APs

- **SAT : Total – 1550; Math – 800; Reading and Writing – 750** 2024
- **IELTS: Overall – 8.5;** Listening – 9; Reading – 9; Writing – 7.5; Speaking – 8 2024
- **AP Examinations:** Environmental Science – 4 ; Chemistry – 4 2025

ACADEMIC HONORS AND AWARDS

School

- Grade 11: Academic Student of the Year Award 2024-2025
- Grade 11 - Highest Achiever in French 2024-2025
- Grade 11 - Most Effort in Chemistry 2024-2025
- Salutatorian of Grade 10 with 8 A*s and 2As in IGCSE Board Examinations 2023-2024
- Topped the school in Chemistry, World Literature, and Global Perspectives for Cambridge IGCSE Board Examinations 2023-2024
- Received the ICE Certificate with Distinction for 8A*s and 2As 2023-2024
- Grade 9: Academic Student Of The Year Award 2022-2023
- Grade 9 - Highest Achiever in Computer Science 2022-2023
- Grade 9 - Highest Achiever in Additional Mathematics 2022-2023
- Grade 9 - Highest Achiever in Economics 2022-2023
- Grade 9 - Highest Achiever in Physics 2022-2023
- Grade 9 - Highest Achiever in Chemistry 2022-2023
- Grade 9 - Highest Achiever in Biology 2022-2023
- Grade 9 - Most Effort In English First Language 2022-2023

External

- Secured International Rank 46 in the International English Olympiad 2023
- Received 'Highly Commendable' in the Northeastern Essay Competition, placing my essay in the top 30% of entries 2025
- Distinction and School Champion in the Fermat International Mathematics Contest by the University of Waterloo 2025
- Placed in top 20 out of 1000+ participants in Japan2India TechBridge Competition 2025
- First Runner-Up in the Essay Category of The Clean Water Challenge, where over 15,000+ people from all over Mumbai participated in 6 categories 2025

WRITING AND PUBLICATIONS

Editor, Garodia Gazette- Annual School Magazine 2025

- Worked in a team of 3 editors; main point of communication between teachers and other writers; selected, wrote and edited the content of the magazine including articles and reflections; responsible for handling images; wrote editorial; etc.

- Regularly publish blogs in English on Medium 2025-Present

RESEARCH

- **Sustainability Scoring Systems: Can ESG Metrics Predict Profitability in Industrial Firms?**
Investigated whether ESG (Environmental, Social, Governance) scores predict financial performance in industrial firms to reveal a nuanced correlation between sustainability practices and profitability.

- **Engineering Inclusion in Indian Workplaces: A Mumbai-Based Study on Sign Language and Assistive Tech Integration**
Conducted a Mumbai-based empirical study analyzing the impact of sign language and assistive technology on workplace inclusion, productivity, and job satisfaction among differently-abled employees.
- **Optimising the topological working of modern transportation systems in smart cities using mobius strips**
Proposed a topological model using Möbius strip geometry to optimize smart city transport networks, demonstrating significant improvements in travel time, congestion, and lane efficiency through simulation.

LEADERSHIP

- **Class Representative and Member of the Student Parliament** 2023-2024
Advocated for fellow students by serving as a liaison between students and school administration, contributing to policy enhancements, and collaborating with peers to implement positive changes
- **School House Captain** 2024-2025
As School House Captain of Vayu House, I led house activities, promoted team spirit, facilitated student-faculty communication, and organized events to foster unity and sportsmanship among house members. Led Vayu House to win March Past, Sports Day, and the House Shield.
- **Deputy Secretary General of the Garodia MUN** 2025
Led the MUN Conference, managed logistics, set agendas, organised training sessions and handbooks for support for first-time delegates, and ensured smooth flow

LANGUAGES

- Fluent in English, Gujarati and Hindi
- Working proficiency in French
- Elementary proficiency in Mandarin

COURSES AND CERTIFICATIONS

- Introduction to Cosmetic and Skincare Science – Coursera
- Cosmetic Product Development – Coursera
- Cosmetic Formulation Science – Coursera
- Quality Control and Regulatory in Cosmetic Science – Coursera
- Globally Responsible Engineering Job Simulation – Forage

EXTRACURRICULAR ACHIEVEMENTS

- 3rd place in the Inter School Dance Competition hosted by GICLM 2023
- 2nd place in Interhouse Dance Competition 2023
- 2nd place in Interhouse Language Quiz 2024
- Won the Learner of the Month Award for demonstrating the attribute of Balanced 2023

INTERSHIPS AND PROGRAMS

- One-month Internship Program focused on Economics and Finance at Pharmint Pte Ltd. Singapore 2025
- Summer program at IIT Bombay (2025): Built an autonomous bot 2025