

Sarthak Dhole

Nagpur, India

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Education

St. Paul School, Nagpur

High School Diploma

2023 - 2027

Activities and societies: Independent Researcher, Flute @School Band, Debate Club President, Science Bowl Club President and Mock Problem Packet Author, Biology Club Founder and President, Junior Varsity Badminton Team Player

Led the team trainings for various Biology, Debate and Science Bowl competitions; Conducted after-hours independent research centered around Experimental Physics and gave various presentations at places like the Indian Institute of Science (IISc), Bangalore.

Alliance University, Bangalore

Young Leaders Alliance - Summer Program for High Schoolers

Liberal Arts and Sciences/Liberal Studies

Attended lectures on Philosophy, Law, Engineering, Art; debated in a Moot Court, performed in an open mic, and the finale crescendo.

IISER Bhopal

Summer Immersion Program in Science

May 2024 - May 2024

School Of Scholars, Kaulkhed, Akola

Middle School Diploma

Jun 2016 - Apr 2023

Skills

Team Leadership • Guitar Playing • Flute • Research Skills • Experimental Physics • Project Management • Presentation Skills • Debate • Python (Programming Language) • MATLAB

Honors & Awards

International Young Physicists' Tournament (IYPT) '24 - Indian Young Physicists' Tournament (InYPT)

Feb 2024

Selected as the youngest Member of the Indian Delegation for the 37th International Young Physicists' Tournament (IYPT) at Budapest in July of 2024 amongst 30+ other countries; Created and presented 3 reports (compilations of research work along with data, quantitative and qualitative analysis and parallels with theoretical knowledge) on research problems covering a wide array of topics in Physics through an experimental lens; Opposed and Reviewed other reports in many Physics fights against the best high school students in India and got selected amongst the top 5 to form team India; Also collaborated and worked with other team members in friendly tournaments against Greece and Poland as preparation for the IYPT; Designed the logo for the InYPT for future years and designed certificates out of interest.

International Philosophy Olympiad (IPO) - The Steering Board and The Organizing Committee of the XXXII IPO Award

Mar 2024

Ranked under 20 internationally amongst 114 students from 50+ countries, obtaining an honorable mention; became the youngest award winner at the competition; selected as the youngest member of the 2 student team set to represent India at the International Philosophy Olympiad (IPO) at Helsinki, Finland in May of 2024; Ranked in the top 2 students from across India in the list prepared after a National Selections Procedure involving a test and an interview; First team to finish at Amazing Race Helsinki Scavenger Hunt and made memes as mid lecture task.

World Economics Cup - Continental Qualifiers - World Economics Cup

Apr 2024

Selected in the top 18 high school students from India to go on the World Economics Cup Track (WEC) 2024 starting with the Continental Qualifiers. Over 50 countries from 5 continents participated in the WEC '23.

STEMposium event, Pravega @IISc Bengaluru - Pravega Committee Indian Institute of Science (IISc), Bangalore

Jan 2024

Ranked 1st in the solo participants' category and received the highest cash prize in the Finale of STEMposium event which was a part of the Pravega fest held at the Indian Institute of Science (IISc), Bengaluru; Qualified through the online prelims to be one of the few students to get a chance to present, be questioned and judged by researchers at IISc; Ranked 4th overall.

Anastomosis Finale @AIIMS and IIT, New Delhi - Scientific Society, AIIMS, New Delhi and eDC, IIT Delhi · Jan 2024

Selected amongst the top 30 students from the Prelims Quiz to attend the 2-day event held at All India Institute of Medical Sciences (AIIMS) and Indian Institute of Technology (IIT) Delhi; Researched with an undergraduate mentor and presented an idea with a team.

British Biology Olympiad - Gold Award - United Kingdom Biology Competitions (UKBC)

Mar 2024

Achieved the Highest honour given out for the British Biology Olympiad (BBO) organised by UKBC across 70+ Countries; Scored equivalent to the students who go for National Selection and Training Camp for the Biology Olympiad Camp in the United Kingdom.

USABO Asia - USABO Asia Initiative · Apr 2024

Achieved Gold Award (highest possible award) in the USABO Asia examination.

International Economics Olympiad National Selections - Meccademia · June 2024

Ranked in top 10 amongst 15,000+ participants in 2 levels of tests and 2 rounds of interviews (academic and personal).

International Conference of Young Scientists (ICYS) 2024 - International Conference of Young Scientists (ICYS) 2024 Organising Committee at Buca Municipality, İzmir, Turkey · Apr 2024

Selected in the Indian team to represent the country internationally in the Engineering Category amongst 15 countries (overall) in İzmir, Turkey; Achieved 3rd prize in Poster presentation competition and Bronze medal in 10-minute Oral Presentation and Research defense (questioning) competition; Participated in the cultural evening to provide the world with the taste of India!

Projects

Independent Experimental Physics Research - Solar Energy

Dec 2023 - Mar 2024

Worked on emerging Solar Energy solutions and devised practical applications; work to be presented at various international conferences. Worked on emerging Solar Energy solutions and devised practical applications; work to be presented at various international conferences
Research Skills, Project Management, Presentation Skills, and Debating Skills

Test scores

PSAT 8/9

Score: 1370/1440 · Oct 2023

Scored in the >99th Percentile Range Internationally on the PSAT 8/9 Examination with a score of 1370/1440 with a full score in Mathematics (100th Percentile)

Test Date: 12th October, 2024; Test Centre: Pathways World School, Gurgaon (Aravali); Conducted by CollegeBoard

Cambridge English C1 Level

Score: 181/190 in B2 test · Jun 2023

Scored equivalent to the requirement for C1 CEFR Proficiency Certification from Cambridge Assessment English in the B2 Test.