

# SARVAGYA DWIVEDI

HIGH SCHOOL STUDENT  
Delhi Public School  
Greater Noida, UP, India

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## Standardized Tests

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### SAT Reasoning Test:

1470/1600 (w/o essay)

Evidence based reading and Writing: 690/800

Maths Section: 780/800

### IELTS: 8/9 (overall)

listening: 8.5/9

reading: 9/9

writing: 6.5/9

speaking: 7.5/9

## Honors and Achievements

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### • Year 2020

- 2<sup>nd</sup> Position in Online Cryptic Hunt Competition – ‘Kyptonyte’
  - “Hunt based on IT cryptography - encryption and decryption of multiple classical and modern ciphers.”
- Executive Board member in DPS Dhanbad International MUN – UN Women
  - “Member of Executive board in an International MUN as a vice chair for the agenda - ‘Discussing the Legalities and Challenges Regarding Illegal Abortion’”
- Participated in a Model United Nations Conference
  - “Attended an MUN as a delegate and debated on the agenda of ‘Improving access to immunization and halting the spread of vaccine-preventable diseases.’”
- Merit certificate in Inter School Photography event
  - “Clicked photographs using the smoke photography style”
- Merit certificate in Inter School IT quiz – ‘Halocrypt’
- Merit certificate in International online crossword-based IT quiz – ‘Cryptocracy’

### • Year 2019

- Scholar Badge for Proficiency in Academics in 10<sup>th</sup> Grade.
- 1<sup>st</sup> Position for short theatrical play in Inter School Event - ‘Play Your Perspective’, Myriad Manifestations – The English Language Festival
- 2<sup>nd</sup> Position in Inter School event - ‘Still Photography’, Battle of Titans – IT Fest
  - “Clicked photographs using DSLR camera, Nikon D5600, for the competition which was marked on the criteria - Impact, Creativity, Composition and Story Telling”
- 2<sup>nd</sup> Position for short theatrical play in Inter School Dramatics Festival – Masques
- Merit Certificate in Inter School IT Quiz Competition – Encrypt
- Merit Certificate in Inter School Photography Competition – ‘Perspective’, ‘Clickathon’
  - “Clicked photographs using DSLR camera, on the theme ‘Diversity and Differences’”
- Merit Certificate for making and showcasing an app promo in Inter School Tech Fest
  - “Created a promotional video from scratch for ‘Huawei’ company’s new Operating System using Adobe After Effects”
- Merit Certificate for Speech Delivery in ‘Speech Ahoy!’ event in an International English Language Fest
  - “Wrote and delivered a speech on ‘views on wars, slavery and ruling the world from the perspective of a dictator of the 20th century’”
- Certificate of Honorable Mention at an Inter School Youth Parliament
  - “Attended Youth Parliament as a delegate and debated on the agenda of ‘Implementation of Uniform Digital Privacy Laws in the Country’”
- The High Commendation Award at an Inter School MUN (Model United Nations)
  - “Attended a college level MUN as a delegate and debated on the agenda of ‘The disinterest of world institutions towards controlling the flow of funds to terrorist organizations’”

- Year 2018
  - Scholar Badge for Proficiency in Academics in 9<sup>th</sup> Grade.
  - 1<sup>st</sup> Position for Short Theatrical Play in Inter School Hindi Dramatics Festival
  - Merit Certificate for making and showcasing a short film in National Level Science Festival.
    - *"Filmed, edited and published a short film on 'Climate Change' using video camera; and software, Adobe Premiere Pro and Adobe After Effects"*
  - Merit Certificate in Inter School event - 'Digital Imaging', Battle of Titans – IT Fest
    - *"Created and presented a digitally designed Music Album Poster using Adobe Photoshop and Adobe Illustrator"*
  - Merit Certificate in Inter School event – 'Virtual Canvas', Unplugged 8.0 – IT Fest
    - *"Created and presented a digital artwork using Adobe Photoshop and Adobe Illustrator"*
  - Participated in an Inter School Youth Parliament
    - *"Attended Youth Parliament as a delegate and debated on the agenda of 'Analyzing the effect of implementing various kinds of Triple Talaq Laws as Family Law'"*
- Year 2017
  - 1<sup>st</sup> Position in Inter School event – 'Prizmatic', NEXUS – IT Fest
    - *"Created a horror movie poster using material provided by the host using only Adobe Photoshop"*
  - 2<sup>nd</sup> Position for making a Docu-Drama in Ghaziabad Science Film Festival
    - *"Acted, filmed and edited a group movie project on the topic of Cleanliness. Also the group leader and edited the film using Adobe Premiere Pro CC"*
  - Merit Certificate for a short theatrical play – Hindi Skit
  - Participation Certificate in Science and Mathematics Talent Exam
    - *"Participated in National Level Science and Mathematics Talent Exam and ranked 1249 out of 58000 students"*
  - Certification of Participation in Cancer Awareness Program by Cancer Control Society

## Research Projects

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- Piezo Smart Roads: A sustainable way of Green Energy Harvesting
  - The project aims at developing a highly energy efficient Piezo electric generators which would be installed on roads, generating electricity by using the vibrations and deflections caused due to movement of vehicles.
  - The present study is exploratory in nature and explores the possibility of new, clean and green source of energy for supplementing the deficit energy demand in urban areas. In this light, Piezo electricity is emerging as a most promising source of energy that is safe, sustainable, and clean.
  - The piezo electricity will supplement the energy deficit in the area and aims to further enhance the satisfaction levels of the consumers and improve the quality of life of people through additional power supply during peak hour and season.
  - This would lead to rapid economic development of the State in primary, secondary & tertiary sectors resulting in inclusive development of the State.

## Hobbies

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- Badminton
- Swimming
- PC Gaming
- Reading
- Poetry/Writing
- Guitar
- Chess

## Strength and Skills

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- A natural leader and developer
- Highly enthused about work and tasks ahead.
- Understands the importance of being interactive and enjoy communicating with others for the benefit of the company
- Values the Environment and Society
- Have a sense of respect towards Culture, Tradition and Heritage
- Curious about economic and political scenario around the world
- Committed to learning and self-development along with managing stress and time efficiently
- Photography and Cinematography
- Video Editing – Adobe After Effects, Adobe Premiere Pro, Cyber Director X
- Photo Editing – Adobe Photoshop, Adobe Illustrator, Adobe Lightroom
- Programming – C#, Java (Android), Python and familiar with C++
- 3D Rendering – Blender, Adobe After Effects

## Volunteering

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- Member of Organizing Committee in Inter School Youth Parliament
  - **Roles:** Tech Head, Photography Head, Social Media Manager
    - *"Designed the website and frequently updated the website for the event."*
    - *"Worked constantly throughout the event and digitally designed all the posters, handouts, flyers and press release of the event."*
    - *"Managed multiple social media handles of the event and kept up with analytics and promotion of the page. Also worked with Social Media Ads for its farther reach, smooth functioning and success of the event"*
    - *"Also worked with the photography club to capture all the glimpses of the event"*
    - *"Published After Movie for the event including the slideshow of all the photographs clicked during the event"*
    - *"Majorly worked digitally by putting together my creative skills along with software knowledge for the success of the event. The software used included, Adobe After Effects, Adobe Premiere pro, Camera Raw, Google Forms and WordPress"*
- Member of Organizing Committee in Inter School Tech Fest – Nexus
  - **Roles:** Tech Head, Photography Head
    - *"Used my digital art skills and published all the posters and flyers for the event."*
    - *"As the Photography Head of the event; captured the whole 2-day event with the help of the photography team"*
    - *"Worked on the promotional movie for the event"*
    - *"Also created and published the after movie along with a dynamic slideshow using the photographs clicked, depicting the glimpsed of the event"*
- Visited and Worked in blood bank
  - *"Visited a local blood bank and talked to the health expert"*
  - *"Learnt about numerous blood related diseases and the importance of blood donation along with actual government data."*
  - *"Hands on experience with blood centrifuge machine"*
  - *"Also worked to make local people aware about the importance of blood donation."*
- School Photographer for multiple events happening in school
  - *"Covered multiple events, workshops and Career Counseling sessions and captured the whole event"*
  - *"Edited captured photographs using Adobe Lightroom and Photographs"*
  - *"Converted Photographs and videos into short movie portraying the key features of the event using software such as Adobe After Effects and Adobe Premiere Pro"*
- Participated in multiple college level cinematography and photography workshops
  - *"Looked up for various cinematography and photography workshops happening around the city because of my keen interest in this field."*
  - *"Worked around with different camera features such as Exposure, ISO, Image Stability, Aperture, Shutter Speed"*
  - *"Gained knowledge about advanced camera features such as Time lapse, Long Exposure Photography, Flash compensation, Mirror Lock up, Auto Exposure Bracketing, Dynamic Range, Depth of Field, Noise Reduction, etc."*
  - *"Learnt about different kinds of photography and cinematography."*
  - *"Filmed and edited B-roll by myself as a task in the workshop"*
  - *"Hands on experience with Professional Broadcast and Movie Camera, high end DSLR cameras, and 360° spider gimbal."*
- Participated in multiple Local Awareness Campaigns
  - *"Participated in multiple Awareness Campaigns regarding, Air and Soil Pollution, Blood Donation, Cleanliness, Cancer aid etc."*
  - *"Participated in rallies, marched with slogans and placards, in order to aware the local people"*
  - *"Went door to door to make people aware about negative impacts of pollution and unhygienic environments"*
  - *"Distributed pairs of dustbins for proper waste disposal"*
  - *"Also asked people for their donation as financial help towards cancer aid society and generated around Rs. 25000/- for the charity."*