

## EDUCATION

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Delhi Public School, R.K. Puram, New Delhi, India

**All India Senior School Certificate Examinations (AISSCE)**

**March 2020**

Shardein School, Muzaffarnagar, Uttar Pradesh, India

**All India Secondary School Examinations (AISSE)**

**March 2018**

## AWARDS AND HONOURS

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- Distinction in all tests and exams from Grade 9-12
- Won the Best Volunteer Award by Prayatna, NGO
- Awarded outstanding student of the year cup for academic excellence in Grade 10
- Awarded excellence cup for outstanding performance in mathematics in Grade 10
- Awarded a trophy by Bharat Vikas Parishad for outstanding performance in grade 10 board examinations
- Awarded scholarship by school for academic performance in Grade 9-10
- Awarded gold badge for outstanding academic performance in Grade 9
- Awarded yellow tie for two consecutive for being prefect of the school
- Signed the honor book for good conduct

## COMMUNITY-BASED SOCIAL SERVICES EXPERIENCES

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### **'Donate a book' Project**

- Worked on a community service project with Rotary Club, Muzaffarnagar aiming to collect used books and donate them to a school library in need of books through collection drives, small awareness events and collecting books from neighbourhood
- More than 600 books have been donated as part of the project

### **Prayatna Initiative**

- Interned with Prayatna foundation as a photographer to improve the circumstances of poor children in villages and in slum areas around Muzaffarnagar, focusing on providing them with formal education, opposing child labour, and raising funds for their education.
- Participated and covered several awareness programs targeting the communities living in poor conditions for the spread for children laws and their right to education. The initiative resulted in a 5% increase in literacy rate year-on-year of children in targeted villages.

### **Goonj**

- Volunteered in Goonj foundation working to the improvement in circumstances of poor people across all parts of the country, focusing on providing them with essential items like kitchen tools, pads for women, books and stationary for children.
- Participated in Goonj's MyPad awareness programs, and also volunteered in making Pads for women and transporting them.

## LEADERSHIP POSITIONS HELD

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- Incharge - Photography Department at Prayatna during Internship  
*Selected to supervise the photography work during the internship and to cover the community events, and to interview volunteers for photography*
- Elected representative to the Student Council  
*Selected as a prefect for two consecutive years liaising between school authorities and student body*
- Director - Editorial Board  
*Selected to review all the photographs submitted to the school magazine and finalising the school magazine*

## COMPUTER SCIENCES AND MATHEMATICS EXPERIENCES

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### Independent Study in Mathematics

- Prepared a research project based on Dijkstra's shortest path algorithm of graph theory for the Triveni Sugar Mills Ltd. (one of the largest sugar producing groups in india) to optimize the distance between mill gates and the mill for threshing of cane in minimum time

### Mobile App for 'Hope Ek Asha' foundation

- Developed a mobile app to ease the screening test for Alzheimer's patients, which diagnoses the patients at home and recommend exercises to the patient. It, furthermore, sends the report to Hope Ek Asha

### Summer School at IIT Delhi

- Attended a 4-week internship cum training program, which focused on Cloud Computing, Internet of Things (IoT), and Machine Learning
- Worked on IoT based 'Smart Parking' model for the smart city initiative of the Government of India as a team project - ***Was responsible to make the whole report and presentation of the project***
- The model used sensors and was programmed to keep a count of cars entering and exiting the parking lot so that no cars are allowed after the count of cars is maximum

## PHOTOGRAPHY

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- Volunteered at several events across Delhi
- Worked for several organisations as a photographer to bring a positive change in society
- Runs a semi-active personal website and blog
- Created DIY studio lights at home to click professional portraits
- Attended several workshops hosted by Exposure School of Photography in Meerut
- Did a photography course from Exposure School of Photography, Meerut, India

## EXTRACURRICULAR ACTIVITIES

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### Journalism/Publications

- Member of the yearbook committee of Shardein School
- Written community based articles for shardein school yearbook
- Published photos in the quarterly edition of Shardein School newspaper

## SPORTS

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### Tennis

- Member of the school team
- Member of the Services Club's Tennis Academy, Muzaffarnagar, India
- Won an internal tournament in Services Club and was titled 'Best Player of the Academy'
- Proposed a tennis summer program at shardein school for junior students. That program receives around 30 applications per year and the number is rising year-to-year

## ONLINE COURSES

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- Davidson Next's AP® Calculus: Challenging Concepts from Calculus AB & Calculus BC
  - Weston HS's On-Ramp to AP® French Language and Culture
  - HarvardX's Calculus Applied!
  - HarvardX's CS50's Introduction to Computer Science
  - **HarvardX's CS50's Mobile App Development with React Native**
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