

# Tanya Agarwal

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## **EDUCATION:**

### **The Shri Ram School, Aravali**

Subject: Economics, Mathematics, Computer Science, English, Commerce

XII (ISC Board Examination) 89.8% (1<sup>st</sup> Term) Predicted Score: 97%

XI 87%

X (ICSE Board Examination) 97.2%

IX 90.4%

## **ACADEMIC AWARDS**

### ***International/National***

AP Scholar Award Scored above 3 in 4 APs

Ministry of Public Health (Indian Govt.) Anti-Tobacco Essay Writing Competition

### ***School***

Form Topper Award for Scoring 100% in Computer Science, Biology, Geography in ICSE Board Exams

Academic Excellence Award for scoring >90% in Chemistry, Biology, Maths, Computer Science & Geography in grade 9

Economics award for scoring > 90% in Grade 11

Pragati Award for Academic Growth in grade 9

Asset Talent Search Scholar

## **SOCIAL ENTREPRENEURSHIP PROJECTS**

### **Co-Founder at Dots That Connect (Previously named BraillePower)**

Used 3D Braille labels on clothing to enable >300 visually challenged to recognize color of clothes. Partnered with 4 NGOs to help the visually impaired with our product.

Organised cloth collection drives in neighbourhoods to collect old clothes and saved up to 30 Kgs of Fashion Waste. Received a Letter of Appreciation from the All-India Confederation of the Blind, India for my project Dots That Connect

### **Project Vriddhi (Founder & Trainer)**

Conducted Application based sustainability centric Entrepreneurship Workshops for students in 4 NGO schools

Conducted weekly workshops at each school and helped 200 students innovate and ideate product prototypes.

## **VOLUNTEER WORK**

### **Climate Science (Community Coordinator)**

Organised the Climate Science Olympiad and recruited students from various schools to participate in it.

Started a climate science education club at 2 schools.

### **CISCE Board Examination Scribe**

Wrote the National ICSE class X Board examination 2020, for a student with Dyslexia. Received letter of appreciation from School Principal Sudha Sahay & CISCE lead Mr Jerry Arathoon

### **Hindustan Times Teach India Volunteer**

Taught mathematics and economics to underprivileged students in government schools in Delhi NCR India for a period of two months.

### **Green Sole Fundraising Campaign**

Raised INR 30,000 to provide footwear to students in Rural India.

### **Council Member,**

Head of Sustainable Business, Gurgaon Chapter

## **WORK EXPERIENCE:**

### **Government Advisory Intern, Ernst & Young**

Worked under Vice President Koshik Sen, to build a business strategy using the government schemes and prospective states in agriculture under the Pradhan Mantri Krishi Sanchiye Yojana.

### **Number Theory (acquired by Newgen)**

Created an algorithm for a client that aims to understand the overall market awareness, brands' recall by customer segment, perception of brands, penetration of brands by sub-segment, the willingness of consumers to switch brands.

### **Zypp Electric, Business Intelligence and Data Analysis Intern**

Created a File Handling Java Algorithm to read locations from a file, find longitudes and latitudes on GPS and

plot them back into the file.

## **PUBLICATIONS**

### **Waste is Wealth (Kindle, currently under hardcover publication at Writeorder.com)**

Published a book about the microeconomics, Macroeconomics of waste management. As an added initiative, helped businesses around go waste free.

### **Impact of Mass Media on the Indian Economy: A study with reference to Shark Tank India**

Written a secondary data research paper that analysed the impact of AShark Tank on the economy. Reviewed by Prof Shalini Basna, Delhi University, South Campus.

### **The Role of Artificial Intelligence in Finance (IJSSER)**

Researched the prospects and opportunities for AI and ML to grow in finance. Presented paper at International Conference (ICACCF 2022) on the Digital Transformation and Sustainability in Business Practices.

Mentored by Professor Punita Duhan at DSEU NCT of Government

### **International No Tobacco Day Essay (Ministry of Public Health)**

Wrote an essay about Minimizing the Sales of Tobacco and allied Negative goods by making policies that focus on eliminating Indirect Marketing of Tobacco products

### **Big Tech and its Impact on Small Businesses in India (in progress at Observer Research Foundation)**

Written an article about the impact of monopolies such as Apple, Facebook, Amazon, Google and Microsoft on small businesses using the example of British East India company on traditional India.

### **Ecommerce and Entrepreneurship Society Newsletter**

Curated 5 volumes of an Economics and Commerce Newsletter with write-ups about global business sphere, recent developments, activities and strategy analysis.

## **COURSES:**

### **New York Academy of Sciences: 1000 Girls, 1000 Futures & Junior Academy**

Selected for fully funded program out of 20,000 applicants as one of the 1000 students for this one-on-one free STEM mentorship program. Worked with a team of international students and created prototypes for problems such as waste management.

### **Ivy Entrepreneurship Program:**

Selected by my school to attend this on full scholarship with 4% acceptance rate. Under the mentoring of several Ivy League Alumni, presented idea of Rogue Fit an app that allows children to come to schools and play sports after school hours

### **TiE Young Entrepreneurs**

Selected to lead a team to develop a business concept of renting Indian Ethnic wear, based on our research of the need, demographics, and consumer psychographics

## **ENTREPRENEURSHIP AWARDS**

### **Young Entrepreneurs award at YECOnference, Winner of 1<sup>st</sup> Prize**

Conceptualized portable trailer houses with bio-toilets and cardboard beds for construction workers which are rented directly to labour contractors under the PMAY scheme in India.

Won 1<sup>st</sup> prize out of 60 participating schools and 300 students.

### **World Youth Meeting, United Nations, Organized by the Government of Japan Gold Award,**

Selected as one of the four students to represent India

Devised an economic policy that connects the ESG Funds to E-waste production (through reverse correlation)

### **Young Tycoons Business Challenge, Top 100 Entrepreneurs**

Qualified as one of the Top 100 entrepreneurs out of >10,000 entries Proposed the idea of a marketplace that helps NGOs market their goods specifically to their target audience and connects small business owners.

## **DESIGN PURSUITS:**

### **Senior Editor of School Magazine**

Designed school magazine, managed 15 sub editors, 60 junior editors. Interviewed multiple famous personalities, edited 50+ articles, organised the Literature Festival, created Instagram posts for school Instagram page: Aravali Insight, event invites: Sports Day, Shri Utsav.

### **Mattermind Pvt Limited**

Designed and launched website of an interview and resume preparatory firm.

### **Krave Bakery Instagram**

Created promotional Instagram posts for a home bakery in Gurgaon.

### **Friska Health Insurance:**

Recommended by Commerce teacher to create Brochures for an upcoming Health Insurance Company

## **SWIMMING**

Selected for CISCE National Swim Meet 2019

Haryana District Championship 2019

CISCE Regionals: Silver Medal in 400m Freestyle, 200m Freestyle, Gold in 4\*100 Under 19 freestyle Relay

GD Goenka Silver in 50m Freestyle, Silver in 4\*100m Freestyle relay