Yashparna De | 1RV18EC187

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EDUCATION

Program	Institution	%/CGPA	Completion
B Tech in Electronics & Communications Engg.	R.V. College of Engineering, Banglore	9.1/10	2018-present
XII (CBSE)	Holy Garden Modern School, West Bengal	85.2	2018
X (CBSE)	Delhi Public School, Madhya Pradesh	10/10	2016

PROJECTS

- **Machine Learning with Python**, under **Microsoft AEP** (July '19 – Aug '19)
  - Learned and implemented basics of Python and machine learning
  - Created application for **face detection and recognition** using machine learning in Python
- **Digital Design and Analysis project** (Oct '19)
  - Learned operation and coding of Ardunio and basic ICs
  - Designed and implemented digital taxi fare meter using Ardunio circuit and also using basic logic gates by understanding the flow , the truth tables and using excitation tables to make the circuit on the breadboard and analyze output.
  - Small Scale representation of timing signals using digital logic of any machine that is used to separate substances according to the different properties of the substance as given by the user using bread boards and ICs
- **Study on magneto-electric and magneto-caloric materials** and also on **Time invariant systems** (Signals).

POSITIONS OF RESPONSIBILITY

- **Member, Rotaract Club, RVCE** (2019)
  - Acted as anchor for various events
- **Member, E-Cell, RVCE** (2019)
  - Assisted in conducting various club events
- **Vice-head girl, Delhi Public School** (2017)
  - Led council of ~**200 students.** Conducted events and **managed 600 students** for various functions
- **Environment minister, Delhi Public School** (2015)
  - Conducted events like Earth Day to promote environment awareness among stuents
- **House Captain, Delhi Public School** (2014)
  - Led the house in various school and inter-house events

ACHIEVEMENTS

- **National level** shooter in **10 m air pistol** category
  - Won **Gold** in Junior category, **Bronze** in Youth category in 12th Uttarakhand State National Shooting Championship
  - **4th position** in 34th North Zone shooting championship
  - **5th position** in 58th National Shooting championship
- **3rd position,** 2014 Informatics Olympiad
- **1st position** in decision making and essay writing, **World's Scholars Cup, Ryan International**
- Awarded **Top team** in **Model United Nations, 2013** by Ryan International

SKILLS

- **Programming languages known –** HTML, C, C++, Python, Verilog HDL, Basics of assembly language and also learning R programming for data analysis
- **Software –** Pspice, Proteus, Solid works, Matlab, MS Excel, Word, Powerpoint

EXTRA-CURRICULAR/CO-CURRICULAR ACTIVITIES

- Actively participates in sports. Inter-school swimming, badminton and basketball champion.
- Learned Indian classical music, Kathak & Bharatnatyam.
- **Junior diploma** in drawing. Won **Camiln Drawing contest, 2012**
- Member of the R.V. College Music club
- Hobbies include dancing, playing harmonium and singing. Avid reader of novels and short stories.