Name: VAIBHAV GUPTA
Gender: M

DOB:07/05/1998

Qualification	Institute	CGPA	YEAR of Completion
B.Tech (Civil Engineering)	Dayalbagh Educational Institute, Dayalbagh, Agra	CGPA 7.71 (Till 4 semesters)	2021
Intermediate	Simpkins School, Shahganj, Agra	90.8%	2016
High School	St. Conrad's Inter College, Sikandra,Agra	93.0%	2014

PROJECT'S AND TRAINING

Product Manufacturing Projects:

RCR(RIVER **C**LEANING **R**O-BOAT **)**(In Engineering [First and Second Year],2017-18)

- RCR is **a 360 degrees compact prototype** of a **river cleaning machine**.
- If employed in a water body, **it collects debris** from river bed, floating one and the one stuck on banks.

WALI (WATER **L**EVEL **I**NDICATOR **)** (In Engineering [Second and Third Year],2018-19)

- WALI is a **dynamic water level measuring pocket-equipment** designed as a **market product**.
- WALI takes care **to notify the user** through the **app** and **push notification** when the containers are full.

WIND 1.0(WILDFIRE **N**OTIFICATION **D**EVICE Version 1.0**)**(In Engineering [Third Year],2019-2020)

- WIND 1.0 is an **early detection system for accidental wildfires** occurring in forests, national parks, sanctuaries and agricultural farms.
- It is a robust **3-D printed device** which remains within the wild ecosystem and sustains all the harsh environmental activities while notifying any fires in the nearby area.

Trainings:

On-Campus Trainings:

- Additive Manufacturing Training(**3-D Printing**) on Makerbot Replicator+, Ultimaker Extended 2+,Fortus 400mc etc.
- **Autocad** Software Summer Camp-2k18
- Winter **Surveying** Camp-2k18

Off-Campus Trainings:

- **Surveying** in **Ganpati Infrastructures Pvt.Ltd.**,Sikandra,Agra(2019).
- **Site Inspection** in **Ganpati Infrastructures Pvt.Ltd.**,Sikandra,Agra(2018).

Industrial Visits:

- Ready Mix Concrete Plant, Agra (2018)
- Atul Generators ,Runakta,Agra(2018)
- Padam Pride Apartments,Sikandra,Agra(2019)
- Ready Mix Concrete Plant,Runakta,Agra(2019)

SKILLS

- Excellence in **Product Planning and Prototyping**.
- Proficient skills with **controller boards** (Arduino, NodeMCU, ESP8266-01) and **sensors.**
- Proficient with **3-D Printing softwares and printing**.
- Programming Languages: **C** and **Java**.
- Have good skills in **Autocad-2019** and **Editing Software** (Canva).

ACHIEVEMENTS

- **BEST PAPER AWARD** in **International Conference on Innovative Engineering Design-2020** for **WIND 1.0 project** (paper under process of publication in Springer Journal under Advancements in Engineering Design).
- **Solarthon Hackathon 2K19 Champion Trophy Winner** organized by SKYHAWKS RENEWABLE ENERGY Pvt. Ltd.
- Complete 10 levels **ABACUS GRADUATE** and **SILVER MEDAL CHAMPION** in **BRAINOBRAIN INDIA** Competition.
- **SAMPRAVAH-2k18 Hackathon** Gold Medalist.
- **SAMPRAVAH-2k18 Quotation** Gold Medalist.
- **International Mathematics Olympiad**-7000 Rank Holder
- **SCI-FI 2k15 Machine Making Competition** Winner.

PERSONAL DETAILS
Father's Name: PRADEEP KUMAR GUPTA
Mother's Name: MAMTA GUPTA

INTEREST/HOBBIES

- Research and Development for various needs of the society.
- To find innovative solutions to real-world problems and to generate a survey over it for feedback.
- Sketch in all the shades possible.