Shivam Sharma

A B O U T M E

Student of Electronics Engineering, enthusiastic about learning electronics and robotics to solve problems of daily life and various industries.

E D U C A T I O N

B-Tech in ELECTRONICS ENGINEERING (2022-2024)

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

7.7 CPI (4th semester)

12th grade 2019 -> 91% (CBSE)

10th grade 2017 -> 9.2 CGPA (CBSE)

Colonel's Brightland Public School

P R O J E C T S

FUNCTIONAL-WEEDER-BOT (Oct 2021- March 2022)
Participated in the annual **E-yantra** 21-22 organised by **IIT BOMBAY.**

- This theme is in response to an agricultural scenario featuring laborintensive work. Multiple autonomous robots explore an arena and communicate with one another to perform tasks simultaneously.

- The robots are programmed using elixir language with a dashboard logging the sequence of events and remaining tasks in real-time over the internet.

- **OS-SOME (june 2021)**

- This project is based on c++ programming language which looks similar to the operating system, it can perform some simple tasks like other opening notepad, music player, calculator, time, etc

C O N T A C T

☎   9084955798

✉   20ec3035@rgipt.ac.in

S K I L L S

- **DEVELOPING AN INTELLIGENT FIRE ALARMING , MONITORING AND RESCUING**

  SYSTEM using UAV ,Digital image processing ,and AI/ML Techniques

- ELIXIR-Erlang-OTP (Functional Programming), **PHOENIX WEB FRAMEWORK, Socket programming.**

- Verilog

- **Swarm robotics (Raspberry Pi)**

- C , C++,PYTHON, Lua

- Matlab, CoppeliaSim, AUTOCAD design tool, Tinkering Lab

A C H I E V E M E N T S

- **IN THE TOP 10 TEAMS IN INTERNATIONAL ROBOTICS COMPETITION AT E-YANTRA IIT BOMBAY.**

- **QUALIFIED JEE ADVANCE, JEE MAINS**

P o s i t i o n O f R e s p o n s i b i l i t y and extras

Leader of Robotics Team for E-yantra 2022

Event Management Coordinator

ACM-RGIPT student chapter

Operations committee executive

IEEE-RGIPT student branch

Tinkering and Editorial Coordinator (S&T)