



**Shubham Chadokar**  
Second Year Undergraduate  
Department of Mechanical Engineering

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## ACADEMIC PROFILE

Program	Institution	CGPA/Percentage	Year
BTech, Mechanical Engineering	Indian Institute of Technology, Kharagpur	7.59	2021
Class XII, MP	Shri Vinayakam School, Betul , M.P.	86	2019
Class X, MP	Shri Vinayakam School, Betul , M.P.	86	2017

## PROJECTS

### Web Development Projects :

1. **Typco's website** : This is a device friendly website which works on desktop, tablet and mobile.
2. **Tic Tac Toe Game** : This is an website to play a funny game.

### Portfolio Website

### Rotational Motion Transmitter, Proff. Arkopal K Goswami (DIY)

- Can distribute one rotational motion (from single motor) to three different directions at same time
- Can transmit the rotational motion in different direction in 3d space.
- Software used for cad and animations : Solid works.

### Solid works Model of inside Mechanism swinging table fan

[Nov' 21]

- Using a four bar Mechanism having one bar fixed and other in motion
- Worm – Worm Gear is used to transfer the motion of Motor perpendicularly.

## COURSEWORK

**MATLAB Onramp** : Vectors and Matrices | Array Calculations | Calling Functions | Plotting Data | Importing Data | Logical Arrays .

**Certificate of Excellence** is awarded for completing the C++ course with excellent performance in all assignment on coding Ninjas .

## SKILLS

**Programming Languages:** C | C++ | HTML | CSS | JavaScript | Python |

**Software:** MATLAB | Solidworks | FreeCad | Blender | MS Word | Arduino | Falstad |

## POSITIONS OF RESPONSIBILITIES

**Mechanical Team Member** | Kharagpur RoboSoccer Students' IIT Kharagpur

[Aug' 2021-Present]

## EXTRA-CURRICULAR ACTIVITIES

- Working as Thermocol artist in design team of Rajendra Prasad Hall of Residence.
- Won Gold Medal in Riffle shooting at district level compition.