SARANSH TAYAL   2018UCH1585

CHEMICAL ENGINEERING   **B.Tech**

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR(MNIT)   **MALE**

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A-183 KENDRIYA VIHAR ,SECTOR-51,NOIDA,UTTAR PRADESH,INDIA   **9910829462**

Examination	University / Board	Institute	Year of Passing	CGPA %
B.Tech	Malaviya National Institute of Technology Jaipur	Malaviya National Institute of Technology Jaipur		9.29
Intermediate / +2	CBSE	Vishwa bharati public school	2018	95.20
Matriculation	CBSE	Vishwa bharati public school	2016	10.00

INTERNSHIP

KEY PROJECTS

Manual Robot

Details

• Build a manual robot having capability to change height and clear gaps . The project was a part of the problem statement of Techfest IIT KHARAGPUR, for the event ZENITH. It focussed on completing the given track by overcoming various hurdles of variable heights and gaps .

EANA(EDUACTION ATTENTIVENESS ANALYZER)

Details

• Build a website for hackjaipur hackathon. The project implements the use of javascript, html,webgazer.js ,css to measure the attentiveness level of students in the online classes.

Lean Six Sigma

Details

• Currently pursuing course on Lean Six Sigma for Yellow belt.

Autonomous lane following bot

Details

• Build an autonomous lane following bot for the robotic event at IIT Kharagpur using open cv,arduino,python. The bot was capable of of making turns on its own and navigate the track autonomously.

Chem-e-car

Details

• Designed a chemically powered car using thermo electric generators .The project was a part of problem statement of Azeotropy, IIT BOMBAY for the event chem-e-car.

TECHNICAL SKILLS

• Programming languages : c,c++,python(basic)

• Tools and Technologies :MATLAB ,Microsoft office , Arduino,Web development(basic), Data Analytics, Tableau, SQL

SCHOLASTIC ACHIEVEMENT

• Stood 1st in annual robotics event "ZENITH"at IIT KHARAGPUR(2019) among 50+ teams.

• Stood 1st in Hackjaipur hackathon(2020) among 2200+ participants and 360+ submissions.

• Selected among the top 10 teams to qualify for the second round of chem-e-car event ,AZEOTROPY,IIT BOMBAY from 100+teams. .

- Among top 5 teams to qualify for the finals of Chemathon 2019 at Sphinx 2019 from 30+teams.

POSITION OF RESPONSIBILITY

Team Member

Details

- Core Team Member of Zine Robotics and Research Group

Organizer

Details

- Organized chemical department day

Coordinator

Details

- Workshop coordinator at sphinx 2019

Organizer

Details

- Organized and managed Zine Recruitment Tests ,2019 for about 300 students

EXTRA CURRICULAR - ACTIVITIES

- football

- cricket

- online gaming

INTERESTS / HOBBIES

- robotics

- competitive programming

- web development

- Data Analyitcs