Piyush Sisodia

GET

2021400817.piyush@pg.sharda.ac.in
+91-(701) 165-2001

WORK EXPERIENCES

PIONEER MACHINES Jun 2018 - Nov 2018

GET

- I have been working there as Graduate engineer trainee for 6 months.
- I prepared the BOM list , control panel and PLC program according to project requirement

one of my project are:
Vaccum cleaning base machine - This machine mechanical structure design by Mr.Sumit Sir and the PLC program is written by me .
We used MITSUBHISHI plc for it.
This machine basically clear the dust of the bike soccer using vaccum cleaner, Air Flow and Rotary brush.

PROJECTS

SMART FAN

- It is a Major project idea given by our team to the department.It's a fan whose speed adjust according to the body temperature of people and switch off automatically when There is no human.

- Hawed the methodology or work flow for the project which is involving system development from hardware and software to the integration of both elements. Then, the system is being tested to produce a certain results that will be analysed to produce the results that compatible with the system.
- When a sensor detects the right amount of infra-red light a comparator output goes high. We use the microcontroller to generate an interrupt on the comparator’s rising edge.
- The interrupt then signals a task that begins rotating the platform’s motor. The rotation is clockwise if the left sensor has detected a person or counterclockwise if the right sensor has detected a person.
- Once the fan is directed at the person’s location, there is just enough infra-red light in the second sensor’s field of view to trigger its comparator.
- This generates an interrupt that signals a task to either stop or redirect the motor, depending on the setting. At this point, the customer is nice and cool without exerting any effort.

Solar wireless charger

URL: https://www.irjet.net/archives/V3/i5/IRJET-V3I5262.pdf

- This is special kind of charging system in which, there is no need of any kind of communication wire to connect the power supply to charge it.
- We can transfer electrical energy from transmitter to receiver coil :
- By the help of induction process
- As we give input supply by solar panel so that we can use device anywhere.
- Normally wireless chargers are so much power consuming, but we use renewable source of energy so there is no such issue arises.
- We can also use this as normal wireless charger .
- In India, there are many Towns and villages where electricity is a big concern, so here we can use wireless solar charger
- We can make any smart phone compatible for wireless charging.
- Less chance of mobile overcharging.
- Less chance of mobile accident .
- Elimination of complicated wire cable
- Safety from electric shock.
- User and environment friendly.

SKILLS

- Java
- PLC
- VERILOG

EDUCATIONS

College/school	University/Board	Degree/Standard	Passing Date	Percentage/Pointer
NEW ERA SCHOOL	CBSE	10th	2012	85
SM Arya Public School	Central Board of Secondary Education	12th	2014	64
Krishna Engineering College	APJAKTU	BTech	2018	66
SU	SU	MTech	2024	74

PERSONAL INFORMATION

Date Of Birth	04-02-1997
Country	India
Father's Name	Prem Pal Singh Sishodia
Marital Status	Single
Gender	Male
Languages Known	Hindi, English

Address	House no.144 gali no.3 mansarovar park lal kuan ghaziabad, Ghaziabad, Uttar Pradesh, India

I hereby declare that all above information is in correct with fact or truth up to my knowledge and I bear the responsibilities for the correctness of the above mentioned particulars.

Date : 06/07/2022 Piyush Sisodia