

Chandana D T

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SUMMARY

To work in the environment which provides more avenues in the fields of computer Hardware and networking. I intend to be a part of organization where I can constantly learn and develop my technical skills and make best use of it for the growth of the organization. I look forward to establishing myself by adapting new technologies as well.

ACADEMIC DETAILS

Examination	University	Institute	Year	CPI/%
B.E.	Visvesvaraya Technological University	Rajeev Institute of Technology	2019	(UG, final year)
Diploma	State Board of technical Education	Sri Vidhyanikethan polytechnic, Hassan	2015	65%
X	Karnataka Secondary Education Examination Board.	St Philomena's girls high School	2012	75%

PROFESSIONAL DETAILS

- **Fresher** (28 June 2019)

MAJOR PROJECTS

- **Gesture control for physically challenged person's**
(5 Mar'19 - 10 May'19)

This paper is to develop a wheel chair control which is useful to the physically disabled person with his hand movement or his hand gesture recognition using acceleration technology. However, even these significant advances haven't been able to help quadriplegics navigate wheelchair unassisted. In acceleration we have acceleration sensor. When we change the direction, the sensor registers values are changed and that values are given to microcontroller. The aim of this paper is to implement wheel chair direction with hand gesture reorganization.

- **Automated Pedestrian path at Railway Station**
(5 Feb'15 - 10 May'15)

This project is used for automatically close or opens the mobile platforms in between the track trains. Normally the mobile platform connects the two platforms through which the passenger can walk on the platform to reach on the next platform. Sensors are placed on the two sides of track. if the train reaches one sensor the mobile platform will automatically close and allows the train to go through the tracks and then when the train leaves the second sensor the mobile platform will automatically open the bridging platforms. The microcontroller will sense the presence of train by using infrared sensor. So on sensing the train on one path controller will give pulses to the stepper motor to close the mobile platform automatically.

SKILLS

- **Tools** - MS Word, MS Excel
- **Operating System** - Windows
- **Programming Languages** – C, MATLAB, Verilog, VHDL, Microprocessor 8086, Microcontroller 8051

ACHIEVEMENTS

Actively participated in the college events and other co-curricular activities, I have secured 2nd place in taluk level basketball competition held in primary school.

DECLARATION

I hereby declare that all the information mentioned above is true to the best of my knowledge.

Yours Faithfully

(Chandana D T)