

NAME : HARINI S
DEGREE : Bachelor of Engineering
BRANCH : Instrumentation and Control Engineering
COLLEGE : PSG College of Technology, Coimbatore



Father's name	SELVAKUMAR M	Permanent Address
Gender	Female	4 MK Street,
Date of Birth	10.05.1998	Sollakali palayam,
Languages known	Tamil, Telugu and English	periya vattam(PO),
Email	sharinihari2506@gmail.com	kodumudi,
Mobile	+91-9943905724	Erode-638 151,
		Tamil Nadu.

ACADEMIC RECORD

Course	Institution	Board/ University	Completion By	Marks (%)
X	Cheran Higher Secondary School, karur.	State Board	2013	92
XII	SVV Higher Secondary School, Gobichetti palayam.	State board	2015	94
B.E. (ICE)	PSG College of Technology, Coimbatore.	Anna University	2019	70

INTERNSHIP PROGRAM

Name of the company	Duration	Area of exposure
Tamil Nadu Newsprint And Papers Limited, Karur.	1 week	Paper machine Pulp mill Energy
Stark Industries, Coimbatore.	4 months	Single phase motors Three phase motors Loom motors

AREAS OF INTEREST

- Electrical machines
- Digital electronics

SKILL SET

Languages	C program
Tools	MATLAB, LabVIEW, Multisim
Platforms Used	Windows

ACADAMIC PROJECTS

• SMART SHOPPING TROLLEY

Nowadays purchasing and shopping at the big malls have become a daily routine and essential activity in metro cities. The rush is even more when there are special offers, discounts, festivals and it has become a hobby too. The objective of the project is making prototype which will be introduced in trolley to reduce labour works and eliminate time taken at billing counter. The billing counter server prepares the bill using code reader which will consume more time and this then results in long queues at the billing counters.

• SPEED SYNCHRONIZATION OF MULTIPLE MOTORS

Multiple motor setup has vast application in industries. The application can be in textile mills, Paper mills and robotics. In these all application the synchronization is must between the motors to perform certain task and avoid damage of the products. The main objective of the project is to control the speed and synchronization of DC motors using wireless module with high efficiency and less maintenance. Speed synchronization is done by using microcontroller chip which controls the master and slave whose speed is followed by other motors which all have to be synchronized.

• MILK ADULTERATION DETECTION USING CONDUCTIVITY METHOD

Milk is an essential nutrient rich food produced by mammary glands of mammals.it contains most of nutrients like proteins and lactose but milk and milk products are adulterated with adulterants such as detergents, urea, starch and formalin. This will cause diseases like memory loss, poor eyesight and even cancer. The main objective of the project is to determine the milk adulteration detection based on voltage variation between the copper foil and here the ATmega328 is used for detection.

HOBBIES AND SPECIAL INTERESTS

- Playing Shuttle Badminton
- Watching movies

DECLARATION

I, **HARINI S**, do hereby confirm that the information given above is true to the best of my knowledge.

Place:kodumudi

Date: 16/04/2024

(Harini S)