

GAJANAN GHAWALE

Student: PG-DESD, CDAC Pune

priydgghawale@gmail.com (+91) 8766587870 | 7387738070 Pune, India

gajanan-ghawale-927921239

PROJECTS

PG-DESD
Developing intelligent blind spot detection system for Advanced car driving with event logging to AWS server

C-Programming

September 2022

Hardware:
STM-32F407XX Micro-controller board, Beagle Bone black

Platform: FreeRTOS on stm32-CubeIDE.
Multitasking for various job

Protocols used: CAN communication protocol between two ECU (BBB and other as STM32F407)
UART -Data presentation
SPI -Odometer reading.
MQTT - AWS data logging.

B.E
Autonomous garden cleaner

Hybrid Programming

March 2016 - May 2016

Hardware: Arduino UNO IDE.

It was an autonomous garden care taker robot
It was designed to run on predefined path in garden as the garden

Diploma in Engineering
Power Generation Through Feedback and Improving battery Life

Basic Electronic Circuits

Feb 2013 - Apr 2013

We engaged in a project which was especially designed to generate power through feedback from output so as to support battery and enhance battery life.
We used IC555, step-up transformer, And other electronic circuits.
Project was more supportive to electronic vehicle.

EDUCATION

PG-DESD
CDAC,Pune
March 2022 Pursuing

B.E in Electronics and Telecommunication
H.V.P.M college of engineering and technology,Amravati
August 2013 - July 2016 CGPA : 7.16

Diploma in Electronics and Telecommunication Engineering
Government Polytechnic, Amravati
August 2010 - June 2013 Per : 73.20%

Class XII in HSC
Nandgaon Jr college Nandgaon(kh),Amravati
2010 Per : 61.83%

Class X in SSC
Madhyamik Vidyalaya Pimpalgaon(Ni) Tq, Nandgaon(kh),Amravati
2008 Per : 72.46%

SKILLS

C OS Linux Device Drivers
RTOS (FreeRTOS)

IDE AND EDITOR

STM32CubeIDE Eclipse ide
Aurdino ide Visual Studio Code editor
VIM editor

DECLARATION

I hereby declare that the information given above is true to the best of my Information knowledge belief.