**UDAY**

**UDAY.274810@2freemail.com**

***OBJECTIVE***

Seeking a position in a progressive organization where my skills and abilities can be put to best use for the growth of the organization as well as my own.

***EDUCATIONAL QUALIFICATION***

**S.S.C** : Sri Krishna Devaraya Eng. Med. High School, Nellore.

 S.S.C Board passed in the year 2007 with 71%.

**Intermediate** : Narayana Junior College, Nellore.

 Board of Intermediate, passed in the year 2009 with 81.2%.

***PROFESSIONAL QUALIFICATION***

**Graduation :** B.Tech.,Mechanical Engineering, from Hindustan University,Chennai.

 Passed with 7.95 CGPA in the year 2013.

**Post Graduation:** M.Tech., Mechatronics Engineering, from VIT University, Vellore.

 Passed with 7.75CGPA in the year 2015.

***TECHNICAL SKILLS***

Modeling : AUTO-CAD, PRO-E, SOLID WORKS.

Simulation : MAT LAB, ADAMS, AUTOMATION STUDIO, PICO SOFT.

Programming : Basic programming in MICRO KEIL.

***AREAS INTERESTED IN***

* Automation, Product design, Control Systems, Sensor Systems, Manufacturing, CIM.

***PUBLICATION DETAILS***

* “DESIGN AND IMPLEMENTATION FOR THEFT VEHICLE TRACKING AND ENGINE-DISENGAGING SYSTEM”, International Journal of Engineering Research and Management, Vol.2 Issue 5, May 2015.

***SOFT WARE***

* Language C

***PROJECT DETAILS***

* LOW COST SELF HEALTH MONITORING SYSTEM

**Functional Objective:** UsefulHealth care monitoring system for homes.

**Concept:** The designed system can be used to monitor the patient health conditions such as respiration rate, heart rate and body temperature. The entire system is controlled by using ATmega8L microcontroller. We have used latest “Arduino” platform for embedding hardware components and microcontroller programming.

**Brief Circuitry:** ATmega8L, Respiration Sensor, Heartbeat Sensor, LM35, LCD Display and Zigbee.

* DESIGN OF MOVING SPOILERS FOR SPORTS CARS

**Functional Objective:** To improve the driving assistance at high speeds especially during turnings and braking conditions

**Concept:** In thisproject, we designed a rear Spoiler for sports cars. The system consists of both mechanical and e1lectrical components that will work together to provide the optimum aerodynamic load in any situation. We divided the spoiler into two parts to achieve all the above things. Each divided spoiler is used according to the situation and conditions based on the accelerator pedal, steering and brake.

**Brief Circuitry:** Spoilers, ATmega8L, Servo motors, Relay and Potentiometer

* AUTOMATED GUIDED VEHICLE

**Functional Objective**: These are extensively used in industrial applications to move materials around a manufacturing facility or warehouse.

**Concept:** It is a mobile robot that follows markers or wires on the floor or uses vision or lasers. It increases efficiency and reduce costs by automating the manufacturing facility. It can tow objects behind them in trailers to which it may be attached. This makes AGV very popular and prominent in almost all the industries including pulp, paper, metal, newspaper industries.

**Brief Circuitry:** DC motor, Line tracking sensor, Relay circuit, Black sticker, Microcontroller.

* DESIGN AND IMPLEMENTATION OF THEFT VEHICLE TRACKING AND ENGINE-DISENGAGING SYSTEM

**Functional Objective**: To provide a solution to avoid car stolen in the lower cost than advanced car security system.

**Concept:** The developed system in this paper for avoiding vehicle theft makes use of a mobile phone that is embedded in the vehicle through Control Area Network Bus. The theft vehicles can be stopped by using GPS feature of mobile phone and this information is used by the owner of the vehicle for future processing. The proposed system is less cost effective vehicle tracking control system that could be implemented on any vehicle since the system is developed by using mobile and GSM technology which is operated by sending and receiving SMS. The ignition system can be activated or deactivated by reading the message received.

 **Brief Circuitry**: GSM, GPS, Microcontroller, Relays, CAN Bus, Mobile Phone,

 Vehicle theft controlling unit.

***STRENGTHS***

* Good Analytical & Communication Skills.
* Self-confident
* Good in presentation
* Adaptability to any kind of situation & environment
* Good leadership
* Punctually mannered

**DECLARATION**

I, Mr. UDAY hereby submitted these curriculum vitae, for your kind consideration and for favorable orders. I assure you sir, if I am selected, I will discharge my duties to the entire satisfaction of my superiors. I declare that the information furnished above is true to the best of my knowledge.