

RACHAMALLA BHAVANA

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OBJECTIVE

To take up a dynamic position in a professionally managed company with scope for a challenging career opportunity for excellent learning experience, to gain and work for the better growth of organization.

EDUCATION

Master of Science in Electronics and communications, Sri Krishnadevara University , 2020-2022
Anantapur, Andra Pradesh,CGPA: 7.7

Bachelor of Computer Science, Sri Ramakrishna degree College, 2017-2020
nandyal, Andra Pradesh,Percentage: 9.3

SKILLS

Programming Languages: c,embedded c ,python

Databases: MySQL

Relavent Courses completed:

Microprocessors and Microcontrollers

Analog and Digital circuits

Embedded systems.IOT,Control Systems

WORK EXPERIENCE

Graduate Engineer Trainee May 2022 - May 2023
Panacea Medical technologies Pvt.Ltd *Malur Town,KA,banglore, India*

Project Name: RFA-Electrometer

Description:Customized Electrometer to measure and calibrate the Ion Chamber Tube Current

Contribution:

- Designed the schematic circuit for Electrometer to measure and calibrate the Ion Chamber Tube Current using Or-CAD software.
- Working on Transimpedance Amplifier
- Gerber verification using PADS Layout
- Bare PCB Testing.
- Firmware Development involving Driver level SPI using ISR on an Arm Cortex-M3.
- Firmware Testing, Debugging and Resolving the issues during Integration.
- Good understanding of ADS8688a Analog to digital converters.
- Debug and validation of ADC data w.r.t application mode.
- **Tools and Environment:** Or-CAD, PADS Layout, MCUXpresso, Visual Studio

ACADEMIC PROJECTS

Patient positioning control: The project entitled “Patient Position Control” is designed to meet the some of the important requirements of Industrial Applications.Patient positioning control system using LPC1788 Microcontroller with AC servo motor.

CERTIFICATIONS

- Python Full stack Certification (Naresh it)-Ameerpet-Hyderabad