

SRAVAN MAMIDI

Test Engineer

Email: sravansai404@gmail.com

Phone: 9550148096

Career objective:

- To work efficiently and effectively as well as grow with an organization in the field of electronics engineering to achieve the accomplishment of the organizational goals.

Work experience:

- Worked at 'VERATRONIKS' as a Testing Engineer in the instrumentation department from Oct. 2018 to March 2021.

JOB RESPONSIBILITIES:

- Board hardware testing according to FAT (factory accepted test procedure).
- Trouble shooting of the product.
- Resolving hardware issues and functional testing.

Projects:

1. FSHE-20:

Description:

It stands for Flame Scanner Housing Electronics -20 by using these we know the flame levels at thermal power stations like NTPC with the help of a PHOTO DIODE. Photo Diode is the heart of this project. Basically, photo diode converts the light energy to electrical energy by depending on falling light on photo diode it compares with reference fixed voltage levels with the help of a LOG IC.

- Controller used : LOG112A IC

2. SPU-ALI:

Description:

It stands for Signal Processing Unit -Ash Level Indicator, used to indicate the ash levels at power plants with help of a control unit called SPU. It has four channels with two different LED's to know the status of ash levels of each channel. It has one probe having with aluminum ceramic bushes which changes its capacitances when ash particles falling on it. By these we can know the ash levels.

- Controller used : PIC30F3014 IC
- IDE & Compiler: MP LAB IDE

3. SONIC:

Description:

Sonic system is used to know the steam leakage at boiler auxiliary plants with the help of three sub- units called AP, SPM and ACS. SPM and AP are the heart of the project, Alarm processor alerts when steam will leak. ACS is used to indicate leakage of the channel.

- Controller used: CD4017 IC
- IDE & Compiler: MP LAB IDE

Achievements:

Done internship training at NSIC from 15-05-2013 to 15-11-2013.

Academic qualification:

- B. tech graduated in Electronics and Communication stream in “Mahaveer Institute of Science and Technology” with 65.20% of marks from 2014 to 17.
- Diploma (ECE) from Sana Polytechnic College with 80.84% of marks from 2011-14.
- SSC (High school) from Government Residential School of Chilkoor with 67% of marks from 2010-11.

Declaration:

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

Date:

Place: Hyderabad

(SRAVAN MAMIDI)