

SHEHEENA M

Maradathel (H), Maranchery
(P.O), Malappuram (Dist.)
Kerala, 679581

Mobile: +91 7356522894

Email: Sheheena2013@gmail.com



CAREER OBJECTIVE

To get new opportunities to improve my skills and knowledge to growth along with the company prospective using team work, hard work and skills.

EDUCATION

Course	Stream	Institute and University/Board	Percentage /CGPA	Year of Passing
B. Tech	Applied Electronics and Instrumentation	Government Engineering College, Kozhikode-APJKTU	7.74	2020
Diploma in Engineering	Electronics and Instrumentation	Government Womens Polytechnic College Kottakkal-DTE Kerala	8.53	2017
Plus Two	Biology with Mathematics	GHSS Maranchery-HSE	73%	2014
SSLC	All Subjects	GHSS Maranchery-State Board	84%	2012

EXPERIENCE

1. CENTRE FOR MATERIALS FOR ELECTRONIC TECHNOLOGY, THRISSUR

Facilitation Trainee

03/04/2023-09/06/2023

2. FLUID CONTROL RESEARCH INSTITUTE, PALAKKAD

Graduate Engineer Apprentice

06/09/2021-05/09/2022

Duties and Responsibilities

- Configuration of field instruments like Temperature/Pressure/ Differential pressure transmitters, Level transmitters, Flow transmitters using HART 475 communicator.

- Preparation of P&I diagram, process flow diagram, loop drawings, electrical schematics/wiring and logic diagrams for test loops and setups operating at 200 bar pressure and 325° C with water as test fluid.
- Troubleshooting of flow meters, Pressure transducers, RTDs and Level transmitters.
- Selection of field instruments like flow meters, temperature sensors, pressure sensors, level sensors, control valves, switches, relays for the various test setups.
- Preparation and usage of LABVIEW software for data acquisition, control and monitoring of flow meter, Pressure transmitter, Temperature transmitter and level sensor, analysis of data and report preparation.
- Design and setup the performance of cyclic test by using timer, counter and relay.
- Calibration of Tachometers, Stroboscope and Centrifuge.
- Calibration of Sound level meters, Microphones and Acoustic calibrators using Free field acoustic calibration systems.
- Calibration of sensors like Accelerometers by using calibrate shaker (CAL25HF & CAL 50).
- Functional and qualification test (Step Response Test, Frequency Response Test, and Accuracy test) of SITVC Electro-Mechanical Injection valves for Liquid Propulsion Systems Centre (LPSC), Trivandrum in the High Pressure High Flow Test Facility (HPFTF) by test automation using LABVIEW Software.

TECHNICAL SKILLS

- Language: Basics of C & C++ programming
- Knowledge in ladder programming of PLC
- Operating system-Windows
- Documentation: MS Word, MS Excel, MS PowerPoint

PROJECTS

- **FIRE EXTINGUISHER ROBOT:** It is an IoT based project. The vehicle is controlled through Blynk application. To perform intelligent task NodeMCU microcontroller is used. And also uses ESP32CAM for camera streaming.
- **BLUETOOTH CONTROLLED TOY CAR USING ARDUINO:** Programmed and developed a robot with Arduino and Bluetooth module.

INTERNSHIPS

- Internship training program at Electronic alert, Tirur.
- Internship training program in Arduino Programming at Technoosis ITSolutions, Kozhikode.

FIELD OF INTEREST

- Digital electronics
- Process control & Automation
- Industrial instrumentation
- Calibration

PERSONAL STRENGTHS

- Communication skill
- Curious to learn new things
- Punctual
- Dedicated, energetic and motivated

PERSONAL PROFILE

- Date of birth : 19/12/1997
- Marital status : Single
- Nationality : Indian
- Passport No : W7484303
- Known languages : Malayalam, English, Hindi
- Hobbies : Playing violin

REFERENCE

- **DR. S RAM MOHAN - "FLUID CONTROL RESEARCH INSTITUTE, PALAKKAD"**
DEPUTY DIRECTOR
s.rammohan@fcriindia.com
9446346850
- **MANIKANDAN - "FLUID CONTROL RESEARCH INSTITUTE, PALAKKAD"**
SENIOR RESEARCH ENGINEER
manikandan@fcriindia.com
9995754600

DECLARATION

I hereby declare that information given above is correct and true to the best of my belief

SHEHEENA M

DATE:

PLACE: MARANCHERY