

ALFIA A B

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OBJECTIVE

M-Tech graduate looking forward for an opportunity in Biomedical field, where I can utilize my expertise, skills and also looking forward for my advancement in terms of knowledge acquisition and career Development.

EDUCATION

- MTECH IN INSTRUMENTATION TECHNOLOGY
Dept. of Instrumentation (2020)
- ADVANCE DIPLOMA IN INDUSTRIAL AUTOMATION SYSTEM DESIGN
National institute of electronics and information technology
- BTECH IN ELECTRONICS AND COMMUNICATION ENGINEERING
MES college of engineering (2017)
- PLUS TWO- SCIENCE
G H S S Muppathadam (2013)
- SSLC- STATE SYLLABUS
St. Francis H S S for girls(2011)

WORK EXPERIENCE

Hardware Developer

Dgenesis LLP

- From October 2020 to August 2021
- Day to day documentation work
- Quality assessment of biomedical products

ACADEMIC PROJECTS

- Structural health monitoring system Structure health diagnosis using FBG sensors and .ADXL 345 with help of LabView and Matlab
- ATM security system operated by using face recognition using PCA algorithm and face comparison is done by MATLAB
- Human detection Robot. The main principle of the circuit is to detect the human using PIR sensor.

PROFESSIONAL TRAININGS

- KELTRON LIGHTING DIVISION, CALICUT -1WEEK
SMD POPULATED PCBs for various applications in Electronic industries and new generation LED lighting products
- ALL INDIA RADIO, CALICUT – 1 WEEK
- ITI PALAKKAD – 1DAY

TECHNICALSKILLS

- PLC - AB ABB SIEMENS
- PID Controllers
- Industrial and field Instrumentation
- SCADA and HMI system development
- DCS- Centum VP
- Arduino, PIC microcontrollers
- Python, C & C++, Embeded C
- Proficient in MATLAB, LabVIEW
- Good at electronics circuits, PCB design, EAGLE, Easy eda, Multisim

PRESENTATION

- Paper Titled as " Review on Structural Health Monitoring by FBG sensors" was presented on national seminar, ASCII 2020

PERSONAL SKILLS

- Ability to quickly pick up new concepts and contribute with innovative solutions.
- Excellent analytical and problem solving skills.
- Good communication skills
- Flexibility and Adaptability

REFERENCE

Dr. Jhony Isaac
Associate Professor and Head of the department
Department of Instrumentation
Cochin University of Science And Technology
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