



SUDHARSAN M

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OBJECTIVE

To ensure that design, development, installment, maintenance and repair operations are cost-efficient, safe, and effective. I will see to it that equipments, systems, and processes reach high quality standards.

PERSONAL DETAILS

- Date of Birth : 10/08/1999
- Marital Status : Single
- Nationality : Indian

PASSPORT DETAILS

- Passport no : U4113208
- Date of issue : 11/09/2020
- Date of expiry : 10/09/2030

EDUCATION

- **Kalasalingam Academy of Research and Education**
2016-2020
B-TECH in Electronics and instrumentation engineering
CGPA 6.69
- **Dr. R.K.V. Matriculation Higher Secondary School**
2014-2016
Higher Secondary Certificate
64.83%
- **Dr. R.K.V. Matriculation Higher Secondary School**
2014-2016
Secondary Level School Certificate
87.8%

SKILLS

- Plc programming
- Process control
- DCS
- SAP ABAP
- Labview
- Matlab
- Control system
- Microcontroller and microprocessor
- Process instrumentation
- Control system

PROJECTS

- **Surveillance and weather monitoring unmanned aerial vehicle**
 - Surveillance drones arise to aid the problem of tracking humans quickly without risking more human lives in desperate times like disasters or terrorist attacks and also measuring the main meteorological values.
 - This light weight Quadcopter will be controlled from a RC(Remote controller) and highly manageable system would acquire real time data such as video from a camera installed in the Quadcopter and send them to the base station.
- **Smart watering system**
 - Sensor and monitor the level of water in the storage.

ACHIEVEMENTS & AWARDS

- Certificate in SAP ABAP

RESPONSIBILITIES AND DUTIES

- Manage, update and supply collected data.
- Analyze and ensure to standardize equipment on return.
- Support section supervisor to coordinate and maintain facilities of Environmental Systems Integration Laboratory (ESIL).
- Determine ESIL needs for services and equipments.
- Supervise current equipment service contracts.
- Coordinate repairs plus supervise defective equipment returns.
- Coordinate with movers, riggers and top-bay space owners for every particular requirement.
- Perform as instrument engineering coordinator.
- Perform individually and with varied section personnel to document systems.
- Develop and maintain relations with suppliers to prepare control plus data acquisition systems.
- Ensure to procure instrumentation systems as specified.
- Maintain and update instrumentation systems and electronic control.
- Explain electronic measurement arrangement to procedure.
- Prepare engineering technical solutions and client testing requirements.
- working collaboratively with design engineers, operation engineers, purchasers and other internal staff
- understanding and ensuring compliance with relevant health and safety regulations and quality standards
- project management within cost and time constrained environments

LANGUAGE

- -Read - English, Tamil -Write - English, Tamil -Speak - English,Tamil,Telugu