

ROSELIN ISHWARYA V

BIOMEDICAL ENGINEER

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ADDRESS : Plot no 4, New diamond nagar, Pudukkottai - 622001 , Tamilnadu , India.

DETAILS

Date Of Birth : 11.07.1998
Father's Name : J. VICTOR
Father Occupation. : SUPERINTENDENT
(Education Dept)
Gender : FEMALE
Nationality : INDIAN
Marital Status : MARRIED
Force Bio-Medical
Member ID : FB-M-19-003038
Fovea- Z Bio Medical
Member ID : fovea-zm221163

EDUCATION

B.E - Biomedical Engineering
Grade: First Class - 77% CGPA
2015-2019
Dhanalakshmi Srinivasan Institute of Technology
(Affiliated to Anna University, Chennai)
Trichy, Tamil Nadu, India.

M.B.A - HOSPITAL MANAGEMENT 2023
- PRESENT
MADURAI KAMARAJ UNIVERSTY
Re-accredited by NAAC with A++ grade in the 4th cycle,
Palkalai Nagar, Madurai, Tamil Nadu, India.

ADDITIONAL SKILLS

- Technical support
- Computer proficiency: c++, c, MATLAB, Arduino, photoshop, windows, Microsoft, Clarity eeg, Spiro tech, Hospital information maintenance software.
- Organized, Prioritizing and time management.
- Diligent and solution driven.
- Team leadership, boldness, motivational speaker.
- Confident

CERTIFICATIONS

- **CERTIFICATION IN BIOMEDICAL QUALITY ASSURANCE NSQL LEVEL - 6** by **INDIAN BIOMEDICAL SKILL CONSRTIUM**
TOPICS: Global and Indian MDR -2017, USFDA, CE Certification, ISO 14971;2019, ISO 13485:2016 and MDSAP.
- **ADVANCED TRAINING IN BIOMEDICAL APPLICATIONS** by **HARVEY BIOMEDICAL**

This training on various medical equipment which covers product application servicing and testing & calibration.

PROFILE

- A Degree holding, biomedical engineer with 4 years of experienced in maintenance of wide range of medical equipment's in the state of the hospital.
- Efficient in technicality, documentation, safety tests and regular preventive maintenance of functional equipment.
- I am also pursuing M.B.A (Master of Business Administration) in Hospital management.
- Willing to gain more knowledge and facing new challenges to play a vital role in the growth process of the organization.

EXPERINENCE

BIOMEDICAL ENGINEER | MARCH 2023- PRESENT
Sugam Hospital, Pallavaram, Chennai, Tamil Nadu, India.

- Responsible for giving input to decision on purchasing of new medical equipment's being carried out inside the hospital premises.
- Taking policy decision in co-ordination with the management.
- Responsible to look after welfare of the staff in the Department.
- Responsible for Warranty concern's, AMC and CMC approvals and should take initiative & responsible.
- Key personal in equipment condemnation committee & planning.
- Reporting to higher officials and authorities.
- Approvals, finalizations and quality progress.
- Daily monitoring with check list of critical equipment's at critical area of the hospitals like ICU, EMD, Radiology, Dialysis and labor ward.
- Training the end user for work efficiency

BIOMEDICAL INCHARGE | JUN 2020 - FEB 2023
Dharan Multi Specialty Hospital - Dharna cancer specialty center - Dharna Fertility Center, Salem - Tamil Nadu - India

- Fully responsible to guide a team of engineers and technicians in day-to-day maintenance of various medical engineering.
- Giving input to decision on purchasing of new medical equipment's being carried out inside the hospital premises.
- Taking policy decision in co-ordination with management.
- Warranty concern's AMC and CMC approvals and insurance claims.
- Monitor the Re-agent and Rental contract, new equipment's, procurements.
- Equipment procurement for next financial year and implementing safety standards of medical

PAPER PRESENTATION

National conference on “Engineering in Medicine and Biology” on the topic “TISSUE ENGINEERING”- 20march2017

WORKSHOP

Computation & Molecular character of toxins from scorpions” at Bannari Amman Institute of Technology-7 to 9 Sep 2017.

- “Medical equipment’s” at Sathyabama institute of technology -08august2018.

- “Biomedical applications for dentistry implants prosthesis of nanomaterials by 3D printing tech- 14&15 feb 2019

CONFERENCE, SEMINAR, CAMP

4TH National conference for biomedical engineers at Kims, hospital - 12th august2017

National level seminar on “In Vitro Diagnostics using point of care testing: innovation and challenges “at PSNA college -07&08 feb 2018.

Entrepreneurships Awareness camp (EAC) at mam college organized by govt of india-29 to 31 august 2018.

IMPLANT TRAINING

Biomedical trainee-Muthu Meenakshi hospital, Pudukkottai. (25 nov to 14 dec) 2017

PROJECT

“Doctors Assistive System Using Augmented Reality for Open Heart Surgery”.

In this Project, the real time data of patient while in open Heart surgery collected by sensor attached to patient and the sensor measured the value then it Processed and send to doctors augmented. reality glass Through wireless and a lot it abnormal. The doctor can take action based on patient needs

- equipment’s and practices.
- New procurement, site planning, installation, demonstrations and user training classes, pending follow ups.
- Key personal in equipment condemnation committee & planning, verifying records, break down timing and history cards.
- Approvals, finalization and quality progress.

BIOMEDICAL ENGINEER | JAN 2019- JUN 2020 Tentabs tech solution, Bangalore, Karnataka

- Install, adjust, maintain, repair and provides technical support for patient - diagnosis and treatment equipment.
- Prepared schedule and perform preventive maintenance, according to the schedule; conduct tests according to manufacturer’s instructions. To maximize up time with attention to safety, quality and compliance issues.
- Analyses equipment failures, faults or malfunctions based on experience and skills with the use of test instruments.
- Documented information AMC and all service activity of medical equipment’s installed in the hospital and also maintained inventory check for stocks.
- Assisted in the training and supervision of medical staffs in appropriate use and care of new equipment’s.

BIOMEDICAL TRAINEE | JUN 2019- DEC 2019 Muthu Meenakshi Multi Specialty Hospital, Pudukkottai, Tamil Nadu, India

- Assist with biomedical engineer and attend the breakdown calls
- Maintaining the records and checklist the major equipment.
- Reporting to bme after breakdown has been done.
- Department rounds on every day and reporting daily activities with continues learning.
- Generation of apprentice training report/manual report.

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the above-mentioned particulars

Date:

(V. ROSELIN ISHWARYA)

