

MANIKANTAN C.

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Vilayilazhikathu Veedu,
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Kollam District, Kerala.
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OBJECTIVE

To be associated with a leading and progressive organization which would give me the best opportunity to improve and utilize my skills and knowledge. To give priority to the organization needs, get the satisfactory of my work and be a part of the team that works dynamically towards the growth of the organization.

PERSONAL TRAITS

- Recognized by managers for detail orientation and multitasking abilities.
- Proven history of being able to balance competing priorities and tight deadlines.
- Ambitious and hard working with commitment to excellence.
- Highly attentive to detail.
- Effectively manage multiple tasks simultaneously.
- Adaptable to various organizational needs and diverse job profiles.

QUALIFICATION

LEVEL	INSTITUTION	UNIVERSITY	PERCENTAGE	YEAR
B.TECH in Applied Electronics & Instrumentation	Govt. Engineering College -Kozhikode.	University Of Calicut, Kerala	60.94%	2008-11
Diploma in Applied Electronics	MODEL POLYTECHNIC-KARUNAGAPPALLY.	State Board Of Technical Education-Kerala	70.64%	2003-06

Project work (B- Tech)

WAVELET ANALYSIS OF VIBRATION SIGNALS

In this project, introduces an efficient and powerful fault detection mechanism in rolling element bearings using time frequency/scale analysis based on both Fourier and wavelet transform of monitored vibration signal. Time frequency techniques are powerful tools for analyzing transient information in vibration signal for both condition monitoring and fault detection.

AREA OF INTEREST

- Medical Electronics
- Instrumentation

CERTIFICATION

- **Diploma in Testing and Benchmarking** **March 2013**
KELTRON KNOWLEDGE SERVICES GROUP,
KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LTD.,
(A Government of Kerala Undertaking)
Keltron House, Trivandrum, Kerala, INDIA.
- **SCHWIND AMARIS Eye –Tech Solutions GmbH.** **June 2018**
Application training for SCHWIND AMARIS Excimer Laser
- **Alcon Laboratories (India) Pvt.Ltd.** **March 2019**
In-Service training course for LenSx Laser
- **Alcon Laboratories (India) Pvt.Ltd.** **May 2019**
In-service training course for Infinity, Constellation & Centurion.

WORK EXPERIENCE

February 2017- Present: **Chaithanya Eye Hospital & Research Institute,**
Thiruvananthapuram.

Bio Medical Engineer, HOD.

Roles and Responsibilities:

- Maintenance and troubleshooting of Ophthalmology equipments clinically as well as technically.
- Experience in handling NABH and NABL inspections.
- Co-ordinate with operating staff for the upkeep of equipment in perfect working order.
- Co-operate with the department staffs for the scheduled preventive maintenance and calibration.
- Update and maintaining of various documents (AMC and CMC documents, Service reports, Installation reports, warranty certificates) for the appraisal of various audits.
- Provide the first-hand support during the equipment breakdown or whenever needed by user department.
- Interface with user department and sales representatives for the proper procurement of desired medical equipment's.
- Provided training to the new nursing staffs on medical equipment's.
- Handling technical & operational activities of installing Ophthalmology equipments.
- Provide training to new nursing staff and engineers on medical equipments installed.
- Maintain the documentation for biomedical equipments.
- Follow up the Preventive maintenance schedule and calibration schedule for medical.
- To follow up with the vendors for any breakdown under annual maintenance contract equipments.

MAJOR EQUIPMENT'S HANDLED

- SCHWIND AMARIS 750 S Excimer Laser.
- LenSx Femto second laser for cataract.
- Wavelight Femto Second Laser (FS 200) For LASIK.
- Wavelight Excimer Laser (EX 500) for LASIK.
- FFA, OCT, HFA, OCTOPUS.
- NCT Machine, Auto Refractometer, A-Scan, B-Scan.
- Slit Lamp with Imaging System, Auto Lensometer.
- Phaco Machine, Vitrectomy Machine, Operating Microscope.
- Defibrillator, ECG Machine, Ventilator, Patient Monitor.

EMPLOYMENT HISTORY

August 2016- January 2017 : **Cable Cure Electromechanical L.L.C., Dubai.**

Assistant Engineer (Electrical Distribution)

Roles and Responsibilities:

- Thermographs surveys.
- Sales and Service of Electrical Testing equipment's.
- Medium Voltage Distribution Underground Cable Fault Detection and Repairing Services.
- Medium Voltage Distribution Underground Cable Installation.
- Testing and Commissioning Cable Jointing & Termination services.

May 2012- March 2016: **SURAJ HI-TECH PVT.LTD, COCHIN,KERALA.**

Sales& Service Engineer(Biomedical Engineering_ **Ophthalmology equipments**).

Roles and Responsibilities:

- Maintenance and troubleshooting of Ophthalmology equipments clinically as well as technically.
- Handling technical & operational activities of installing Ophthalmology equipments.
- Provide training to new nursing staff on medical equipments installed.
- Maintain the documentation for biomedical equipments.
- Follow up the Preventive maintenance schedule and calibration schedule for medical.
- To follow up with the vendors for any breakdown under annual maintenance contract equipments.

I assisted the project “**Scalable fault modeling of generators in Aircraft electrical system**” in **AMRITA VISWAVIDYAPEETHAM, Coimbatore.**

KEY SKILLS AND ABILITIES

- Excellent organizational and analytical skills
- Adopts a systematic approach to problem solving and effectively analyses results and implement solutions.
- Dedicated and committed, willing to take on challenging roles, tough assignments and work to tight deadlines.
- Excellent communication skills teamed with the ability to develop rapport with employees.
- Dedicated to building a highly motivated team aware of their role in improving productivity and quality
- Highly organized and efficient, a flexible and versatile team player who will work hard and excel in any environment.
- Impressive work ethic, reliable, dependable and conscious of duties and responsibilities.
- A positive approach to all tasks and pride in achievements has resulted in many successes.
- The ability to form good relationships with both peers and staff is central to my character.

COMPUTER SKILLS

Programming Languages : C, C++,
Platforms used : Windows 7/8, Linux.
Important Software Package : MATLAB.
Hardware testing : WHQL, HCK, SiSoft Sandra, PC Mark Pro.
Software testing : Manual and Automation (QTP, TD, LR).

PERSONAL DETAILS

Nationality : Indian
Date of Birth : 15th May 1986
Sex : Male
Marital Status : Married
Languages : English, Hindi, Malayalam and Tamil

PASSPORT DETAILS

Passport Number : L 4732849
Date of Expiry : 27th Aug 2023

DECLARATION

I hereby declare that the above furnished details are true to the best of my knowledge and belief, if given a chance I assure that the best of my efforts shall be rendered.

Manikantan C.