AMANYU NARAYANAN K A

Mobile: +91-9747833494
E-mail: amanyu2811@gmail.com

Executive Brief

To build a Rewarding Career by taking up new challenges in my work and to express my abilities that facilitates the growth of my organization.

Career Contour

Working as MAST engineer in Quess Crop Limited at Reliance JIO from March 2018

According to the instructions given from NHQ, the Real estate department will find land or buildings for the construction of towers. And with the help of RF engineers we have to survey the tower location is suitable for the construction. After the acquisition of land, the towers are constructed and install the equipments and also antenna then by using optical fibers we connect the towers for communication

Responsibilities

- Good hand on experience on OTDR, Splicing machine, Power meter, Laser source and Cable Locator at any place.
- Coordination with Govt. and private agencies for their expansion plan to reduce number of fiber cut.
- Guiding OFC vendor to work according to HSW and Company norms.
- Feasibility study for Connectivity with other operator.
- Supervision of trenching, ducting, cabling, termination and end to end testing for operations job.
- To provide solutions for rectifying all OFC related issues to FRT.
- Part of FRT team and Responsible for maintenance of fiber.
- Link testing
- Link budgeting with OTDR, Power meter and light Source and handover site.
- All type of fault finding and rectification.
- Drum testing process of OFC
- OFC Blowing
- DIT process.
- Lessening independently with Police/local peoples onsite to make work faster with quality standard

Career Contour

Worked as engineer in Micro Systems integrating building management systems at different sites of Honeywell Automation India Ltd from July 2015 to July 2017

BMS systems are intelligent microprocessor based controller networks installed to monitor and control a building technical systems and services such as air conditioning, ventilation, and lighting.

More specifically they link the functionality of individual pieces of building equipments so that they operate as one complete integrated system.

Now installed in every major building or facility with the availability of direct integration into all other building services such as security, access control, CCTV, fire, lifts and other life and safety systems

Responsibilities

- Planning, co-ordination and supervision of technical aspects of project.
- Handling the workers and allocating work and advice to them.
- Solving technical issues.
- Preparing reports on the work in process to the management.
- To ensure the electrical device or circuit installed meets the adequate requirement.
- Inspecting the progress of work on daily basis and make reports.
- Supervising the electricians in handling all the electrical work considering the safety and qualityaspect.
- To co-ordinate with electrical contractor for electrification, execution, erection and commissioning.

Academia

DEGREE/COURSE	INSTITUTE/COLLEGE	YEAR OF PASSING	PERCENTAGE
B.TECH (ELECTICAL AND ELECTRONCIS ENGINEERING)	AMMINI COLLEGE OF ENGINEERING	2015	63.50%
10+2	GHSS KODUVAYUR	2011	73.25%
SSLC	VIJAYAMATHA ENGLISH COVENT SCHOOL	2009	95.50%

Accomplishments

- Nation Service Scheme Volunteer, NSS Technical Cell, Ammini College of Engineering.
- Won prizes in district level sports meet.
- Participation in School Science and mathematics Fair.
- Participation in school Youth Festival.
- Participated in quiz competitions in state level and won prizes.

Skills

- **Software:** Basics of MATLAB, MS Office.
- Circuit Design and debugging.
- Operating systems: Windows, Linux-Ubuntu
- Strong communication skills - Oral, written and presentation.
- Excellent Team skills.
- Multi-tasking.

Projects

Main project: Cascaded H-Bridge Five Level Inverter

We developed a Five Level Inverter by using Cascaded H-Bridge topology. A detailed study on operation and scope of multilevel inverters was done and a three level Inverter was designed and analyzed both in software and hardware platforms, as a proof of the concept.

Mini project: Micro Inverter

We developed two level inverter with a small power rating .It will convert direct current into alternating current.

Seminar: Thermally Conductive MgO – Filled Epoxy Molding Compounds

The use of magnesium oxide as a filler in an epoxy molding compound was consider to identify the maximum thermal conductivity that could be achieved without compromising rheological or processing control and processing flexibility

Personal Details

Date of Birth	: 28to November 1992
Permanent Address	: Ninavu, Nochur, Koduvayur (PO), Palakkad, Kerala - 678501.
Languages Known	: English, Malayalam, Hindi and Tamil