­**Meethu**

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**Career Objective:**

To work in a challenging environment demanding all my skills and efforts to explore and adapt myself in different fields and realize my potential where I get the opportunity for continuous learning. I am interested in a position where my technical inputs, my intellect and commitment to excel will be appreciated.

**Experience:**

 **IKIO LED Lighting**, Noida, India as an Electronics Engineer in the R&D Department From December 2015 to November 2017.

**Major Responsibilities Includes:**

* Involved with research and development process starting from product conceptualization, making prototypes, laboratory testing and final approval.
* Finalizing the Product specification sheet.
* Oversee the design and engineering planning activities, manage & coordinate the work among work groups.
* Oversee the design review, verify for the new product, to ensure conformity to specifications and fitness for use.
* Finalizing the Bill of Material of LED products.
* Critically evaluating the LEDs and COBs in terms of make, Lumen, current and voltage to finalize for the products.
* Arrange for necessary material/component samples for testing and getting the samples approve for bulk ordering.
* Arranging the samples for PCBs, drivers and LED/COBs for testing and approval.
* Filing of documents, test reports, product files as well as product presentation.
* Coordinating with various departments and providing them with the technical support.
* Overview and assist in designing company catalogues and brochures.
* Involved in Project lifecycle of LED Down lights, LED Panels, Spot Lights.
* Carrying out Repair Analysis on Daily basis and conducting MOM for Repair.
* Inspection of visual & electrical Parameter at process & finished good stage.
* Develop PCB layouts, perform component placements and determine wire routings.
* Provide technical guidance in developing new PCB designs and updating existing designs.
* Developing component symbols and PCB footprints as needed and management of component libraries.
* Involved in Gerber handling of data and editing.

**Completed Projects :**

1. 5-7W Isolated driver on BP Semi (BP 3133A)
2. 10-18W Isolated driver on BP Semi (BP 3316D)
3. 20-25W Isolated driver on BP Semi (BP 3319M)
4. 15W Isolated driver on Power integration (LYT 5216D)
5. 30-36W Track Light and Panel Light on Power integration (LNK419)

**Working Projects :**

1. 4W Non-Isolated driver on Maxic (MT7842)
2. 10W Non-Isolated driver on Maxic (MT7844)
3. 12V, 2A Strip Light Driver on Power integration (LNK6666E)

**Academic Education :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Academic Level** | **Name of Institution and Board/ University** | **Percentage** | **Year** |
| **M.TECH (Communication System Engineering)** | **KIIT University,** Odisha | **9.08/10** | 2015 |
| **B.TECH (Electronics & Communication Engineering)** | Maharishi Dayanand University, Rohtak | **72.11%** | 2013 |
| **Class 12** | C.B.S.E | **70.60%** | 2009 |
| **Class 10** | C.B.S.E | **73.20%** | 2007 |

**Project During (college) Training:**

* Optical Relay
* Timer for Students
* Wireless Sensor Networks

**Technical Skills :**

* Well versed with designing software tools like Protel, Orcad and Cam350.
* MS Word, MS Excel, MS Power Point, Corel tools.
* Corel draw
* Operating knowledge of various equipment like Multi meter, AC Power Source, AC Power meter, -CRO, LCR Meter, Surge Generator, Photometric equipment etc.

**Paper Publications :**

* Meethu Abraham, Sudhanshu Sekhar Singh," A Survey on Energy Performance Improvement with Data Aggregation Techniques for WSN ", International Journal of Computer Applications, Volume 115 – No. 1, April 2015.
* Meethu Abraham, Sudhanshu Sekhar Singh, " MIMO and Cooperative MIMO comparison in energy constrained Wireless Sensor Network ", International Journal of Research in Engineering and Technology , Volume: 04 Issue: 04 , Apr-2015.

**Key Strengths :**

* Energetic, confident, reliable and personable.
* Excellent communication skills.
* Determined to learn with practical approach.
* Enthusiastic and can produce results under deadline constraints.
* Strong motivational and leadership skills.

**Personal Profile :**

Date of Birth : 9-05-1991

Sex : Female

Marital Status : Married

Nationality : Indian

Languages known : English, Hindi, and Malayalam

Hobbies : Drawing, Calligraphy, Cooking.

Visa Status : Dependent Visa