**SUMIT KUMAR VERMA**

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# EDUCATION

## Krishna Institute of Engineering and Technology (KIET), Ghaziabad(UP)

**(Dr. A.P.J.A.K.T.U) B.Tech June 2016**

Electrical and Electronics Engineering Percentage: **75.12**

## St. Francis Inter College, Hathras(UP) May 2012

(CBSE) Intermediate Percentage: **75.60**

## St. Francis Inter College, Hathras (UP) May 2010

(CBSE) High School Percentage: **79.80**

# PROJECTS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.NO.** | **PROJECT TITLE** | **TEAM SIZE** | **ROLE** | **MATERIAL USED** | **INNOVATION** |
| **1.** | Energy Efficient Fluorescent Tube light Using Triangular Reflector Sheet  ***(Oct2015 to Jan 2016)*** | 3 | Technical | * WSN Nodes * Intensity Meter * Al Sheet | **o** Design and Placement of Reflector |
| **2.** | Energy Production Using Reciprocating Wind Energy Harvester System ***(June2015 to March2016)*** | 4 | Ideation, Technical Head | * Diaphragm * Gear System * Dynamo | * Energy Generation From Hoardings and Bill Boards * Free From Betz Law |
| **3.** | Energy Production And Drag Reduction In Vehicles By Duct Connected Dynamo  ***(Jan 2015 to Mar2015)*** | 4 | Design Head | * Dynamo * Modular Truck * SMD’s | * Arrangement of Duct Turbine System * Drag Reduction System |
| **4.** | Energy Production In Automobile Vehicles Through Rim Mounted PZT Benders ***(Oct 2014 to March2015)*** | 2 | Leader, Technical Head | * Piezoelectric * Rectifier * Amplifier | * Placement of PZT Benders * Fabrication of PZT |

**TRAINING**

* Gained knowledge of **Power transformer core, winding construction** and **Testing methods of power transformers** at PME power solutions (India) limited, Gr. Noida (UP),India (**June-July 2015)**
* Participated in two days **Entrepreneurship Development Program on Solar Energy** , NIESBUD Delhi
* Pursuing online “**Solar Energy**” course on EDX and “**Organic Solar cells**” course in courser
* Self trained to Google 3D Sketch up application software.

# EXPERIENCE

* 1. **InfiSOl Energy LLP, Aurangabad** (**Oct-2016 To Jan-2017)** Worked throughout the whole cycle of Roof-Top Solar Power Projects. Performed each role with full enthusiasm and dedication at the ground level. Designed, Managed so many projects over three months time.

Had EPC experience of a total of around **400Kwp Solar Roof-Top Power projects.**

* 1. **Systemic Electric pvt. Ltd, Faridabad** (**Aug-2016 To Sep-2016)**

**Installation of 5KWp and 15KWp** grid-tied rooftop solar power system at NewDelhi.

# ACADEMIC HONOURS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **VENUE** | **COMPETITION** | **ACHIEVED** | **REWARDS** | **DATE** |
| **IIT KANPUR-** | Innovation In Manufacturing Practices- IMP’16  (National Level) | **1st position** | **Rs. 1,00,000/-** | Mar-2016 |
| **TECHKRITI’16** |
| **IIT BOMBAY-** | MAKE IN INDIA Week- Energy Category | **Among Top-10** | **Participation** | Feb-2016 |
| **HACKATHON’16** |
| **KIET,** | Innovation Idea for Social Welfare-2015 | **1st position** | **Institute Level** | Nov-2015 |
| **UDDESHHYA’15** | **Prize** |
| **IIT ROORKEE-** | “IDEAZ-EC, IDEAZ-EEE” | **1st position** | **Rs. 11,000/-** | Mar-2015 |
| **COGNIZANCE’15** |
| **IIT KANPUR-** | All India Student Research Convention-AISRC (National Level) | **1st position** | **Rs. 35,000/-** | Mar-2015 |
| **TECHKRITI’15** |

**MANAGEMENT**

* Served as class representative for academic 3rd and final year during B-tech
* Organized Photography competition in cultural festival “EPOQUE-2014”, KIET

# INTERESTS

* Renewable Energy
* Power Transmission and Distribution

# Hobbies

* Un-Ceremonial Dancing
* Playing cricket