

# 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**

Electrical and Electronics Engineering

**June 2016**

Percentage: **75.12**

**St. Francis Inter College, Hathras(UP)**

(CBSE) Intermediate

**May 2012**

Percentage: **75.60**

**St. Francis Inter College, Hathras (UP)**

(CBSE) High School

**May 2010**

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	<ul style="list-style-type: none"><li>WSN Nodes</li><li>Intensity Meter</li><li>AI Sheet</li></ul>	<ul style="list-style-type: none"><li>Design and Placement of Reflector</li></ul>
2.	Energy Production Using Reciprocating Wind Energy Harvester System (June2015 to March2016)	4	Ideation, Technical Head	<ul style="list-style-type: none"><li>Diaphragm</li><li>Gear System</li><li>Dynamo</li></ul>	<ul style="list-style-type: none"><li>Energy Generation From Hoardings and Bill Boards</li><li>Free From Betz Law</li></ul>
3.	Energy Production And Drag Reduction In Vehicles By Duct Connected Dynamo (Jan 2015 to Mar2015)	4	Design Head	<ul style="list-style-type: none"><li>Dynamo</li><li>Modular Truck</li><li>SMD's</li></ul>	<ul style="list-style-type: none"><li>Arrangement of Duct Turbine System</li><li>Drag Reduction System</li></ul>
4.	Energy Production In Automobile Vehicles Through Rim Mounted PZT Benders (Oct 2014 to March2015)	2	Leader, Technical Head	<ul style="list-style-type: none"><li>Piezoelectric</li><li>Rectifier</li><li>Amplifier</li></ul>	<ul style="list-style-type: none"><li>Placement of PZT Benders</li><li>Fabrication of PZT</li></ul>

## 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**.

**2) 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

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

## MANAGEMENT

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- Served as class representative for academic 3<sup>rd</sup> and final year during B-tech
- Organized Photography competition in cultural festival "EPOQUE-2014", KIET

## INTERESTS

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- Renewable Energy
- Power Transmission and Distribution

## Hobbies

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- Un-Ceremonial Dancing
- Playing cricket