

Anil Kumar

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Career Profile

- Having 3.3 Years of work experience in Electrical Design & Projects in Ground Mounted as well as Roof top projects.
- Good understanding of Electrical Drawings, Planning of Projects
- Both practical as well as theoretical knowledge of Different Electrical Instruments

Academia

PROGRAMME	INSTITUTE	BOARD/UNIVERSITY	YEAR	%age CGPA	//
B.Tech (Electrical & Electronics)	Accurate Institute of Management & Technology	Dr.A.P.J Abdul Kalam Technical University	2015	72	
HSC (XII)	BD Public School,Patna	CBSE	2010	74	
SSC (X)	DAV Public School,Siwan	CBSE	2008	78	

Key Positions of Responsibilities

1. Sterling & Wilson Pvt. Ltd. (6th July, 2015 to Present)

○ Designation: Engineer (Design) – Jan'16 to present

- To carry out **PV SYST** analysis for various business enquiries and projects under execution for pan India and international projects checking for various possible combinations to optimize the Specific Yield and help clients realize the value for money.
- Drafting preliminary Technical Specifications for preliminary business enquiries
- Sizing of Cables based on project requirement according to IS and IEC. • Preparation of a technical specification of Equipment's related to projects.
- Preparation of array layout, trench drawing and plan section of related drawing.
- Preparation of AC & DC SLD of projects.
- Preparation of BOQ of respective projects.

○ Designation: Graduate Engineer Trainee – Jul'15 to Jan'16

○ Ground Mounted Projects

- 1) SUN Edison-90 MW solar power plant based on Tracker.
- 2) Giriraj Enterprises-40 MW PV plat based on Fixed tilt.
- 3) Sun Group- 9 MW PV plat based on Fixed Tilt .
- 4) FRV-100 MW based on Seasonal Tilt.

○ Roof Top projects

- 5) IL&FS-89KWp(Noida)
- 6) Meriton Infotech Pvt Ltd- 221 KWp(Noida)
- 7) SECI-1 MWp(Haryana)

- Day to day project co-ordination with various contractors for Execution, Installation, Erection & Commissioning of various electrical equipment from DC Cabling to Switchyard.
- To provide the inputs as and when required for efficient and optimum execution.
- To carry out pre- commissioning checks to ensure that installation has been done in accordance with approved drawings.

Technical Skills & Abilities

- Electrical Projects & Maintenance
- Well Knowledge of **PVsyst Software version 6.7.5** (Simulation as well as analysis of Energy optimization and shadow analysis with help of **Google SketchUp, Helioscope**)
- Good understanding of Electrical Drawings, Planning of Projects, Erection & Maintenance.
- Both practical as well as theoretical knowledge of Different Electrical Instruments.
- Working more efficiently and productively so that maximum output comes.

Academic Projects

○ Worked On DC-DC CONVERTERS VIA MATLAB/SIMULINK

The design of power electronic converter circuit with the use of closed loop scheme needs modeling and then simulating the converter using the modeled equations. This can easily be done with the help of state equations and MATLAB/SIMULINK as a tool for simulation of those state equations

○ Worked on Microcontroller AT89C51

In this project the speed of stepper motor is controlled by using the microcontroller by giving electric pulses to the motor. In this project AT89C51 microcontroller is used for controlling of permanent magnet type stepper motor.

Computer Proficiency

- Knowledge of PVsyst Simulation software tool to analysis the energy Output from PV solar Power plant.
- Knowledge of **Google Sketchup tool to analysis of Shadow impact over PV Plant.**
- Knowledge of Auto Cad Software tool to draw the electrical drawing(Review).
- Proficiency in MS-Office and MS Excel.
- Good understanding of Internet tools and Microsoft windows.

Personal Qualities

- Excellent Communication, listening and motivating skills.
- Ability to learn quickly is my forte that has helped me successfully manage various tasks that have been assigned.
- **Ability to work with a team of dedicated professionals for achieving the deadlines for the execution of work.**

Personal Details

- Father's name : Devanand Sah
- Permanent address : VillPost: Pokhra, Dist: Siwan, Bihar (841238)
- Date of Birth : 01May, 1993
- Languages Know : Hindi & English
- Marital Status : Unmarried
- Nationality : Indian