

CURRICULUM VITAE



Sandeep Rana

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STRENGTH

- Willingness to learn and grow
- Good communication skills.
- Creative thinking

LANGUAGES KNOWN

- English
- Hindi
- Bengali
- Odia

HOBBIES

- Pencil drawing
- playing chess
- Travelling
- Interacting with people
- Photography
- Listening to Music

PERSONAL INFORMATION

Father Name : Shib Charan Rana

Date of Birth : 05 January 1989.

Marital Status : Unmarried

CAREER OBJECTIVE

Desire to be a part of vibrant and leading organization and create footprints as a Electrical Engineer, to assist the organization in all aspects by utilizing all my skills, knowledge, abilities and experience with a balance of hands-on, management and leadership responsibilities

WORK EXPERIENC

- **Currently working as Assistant Professor(contractual) at Pt. Ravishankar Shukla University (department of renewable energy technology and management) since 15th sept.**

Job Responsibilities:-

- **Current Job:**
- Teaching and training about Solar and Wind power system.
- Involving project work, Solar consultant, and other curriculum activity.
- **Previous Job:**
- Troubleshooting and servicing of industrial automation, electrical and electronics equipment.
- Design and maintenance of Electric panel and have knowledge of **Schnider, ABB, Siemens, Yaskawa, Delta, rockwell automation, and allen bradley** Drives and PLC.
- Assemble and design of Solar power system.
- Testing and service of transformer and voltage controller.

Previous job experience:

- **Two year working experience as electrical maintenance in-charge (Electrical Engineer) at M/S Anvil Cables Pvt. Ltd. From December, 2017 to October 2019**
- **Three year working experience in centurion university as Pro time research associate (at Centre for Renewable Energy And Environment) From 04.06.2014 to 30.05.2016 and full time research associate from 03.06.2016 to 17.11.2017.**
- **Two year working experience in Jindal Electrical & Machinery Corporation as a service & marketing engineer from 02.06.2012 to 31.05.2014.**

PROFESSIONAL QUALIFICATION

Sl .N o.	QUALIFICATI ON	BOARD	SCHOOL/COLLEG E	MAR K /CGP A	YEAR OF PASSIN G
1.	M.Tech. (Power system and control)	CUTM (Odisha)	Centurion institute of technology, Bhubaneswar	7.86/10	2016
2.	B.Tech. (Electronics & instrumentation Engineering)	BPUT (Odisha)	Seemanta Engineering College, Jharpokharia.	6.71/10	2012
3.	10+2 (Science)	J.A.C. Jharkhand	Ranchi College, Ranchi	55.2%	2007
4.	10 th	J.A.C. Jharkhand	Manus Muria High School , Manus muria.	68%	2004

SPACIAL TRAINING

- ONE MONTH VOCATIONAL TRAINING IN PLC & SCADA AT IDTR, JAMSHEDPUR.
- ONE MONTH TRAINING AT BSNL, JAMSHEDPUR.
- **Certified trainer** in **Skill Council for Green Job** for **Suryamitra Solar Pv System, Civil & Electrical.**

SKILLS

- Installation, commissioning, Test and Validation .
- Customer complaint analysis.
- Believes in Practical involvement of project phases.
- Excellent communicator with Internal and External Customers.
- Preparing and Guiding team in preparation Metrics.
- Excellent analytical and problem solving skills.
- Ability to work independently as well as a team member.
- Capable to learn and apply new technologies.
- Ability to interface effectively with all levels of organization and external customers.
- Team building and leadership.
- Demonstrate strong Interpersonal and presentation skills.
- Strong problem solving skills.

PROJECT DETAILS

M.Tech Project:

Project Name : Load frequency control in multi area interconnected power system using conventional and intelligent method.

Description : In modern power system load disturbances is main issue that can be controlled through load frequency. In my project I take the help of Matlab 2011 software for design and simulation of circuit. For controlling the frequency I have used (conventional) PI,PID Controllers and Fuzzy logic as a intelligent controller. And it is implemented in single area, two area, and multi area.

B.Tech Project:

Project Name : Study on Some Novel Restoration Technique for Images Corrupted with Gaussian Noise.

Duration: 6 months

Team Size : 5

Role : Analyst, Writing programs

Description : We see various images but some time some images are corrupted due to noise. In our project we have taken Gaussian noises corrupted images and filtering the noises by various filters. In the result we find ARITHMETIC MEAN FILTER is the best filter for the restoring of a Gaussian corrupted image in spatial domain.

Other project's : HT, LT Connection and machine installation in AnvilCable Pvt. ltd.

Distribution Transformer testing, Sambalpur Model village project, Solar oven project, Solar sugar cane machine, Solar water pump system, Solar power plant up to 20kw. Solar dryer, Solar Water heating System in centurion university.

IT SKILLS

- OS Environment : Windows XP, 7,MS-Dos
- Language : C, C++
- Office Tools : MS-Office for Windows

Declaration

I hereby declare that the above information is true to the best of my knowledge and belief.

Date:

Place: Jamshedpur

(signature)