

RESUME

Rajesh Kumar Dhuriya

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Career Objective:

To work in learning and challenging environment, utilizing my skills and knowledge to be the best of my abilities and contribute positively to my personal growth as well as growth of the organization.

Academic Profile:

- **B. Tech.** in Electrical Engineering with **80.59%** from Jodhpur Institute of Engineering & Technology in 2013.
- Sr. Secondary with **75.54 %** from Shri Bangar Govt. Sr. Sec. School pali in 2008.
- Secondary with **87.33%** from Jai Adarsh Vidya Mandir Sr. Sec. School pali in 2006.

Work Experience:

Total work experience: - 3 years 11 month

- 1-year& 11-month Experience as PV power plant performance Analyst at Mahindra Susten Private Ltd.

Responsibility: -

- Inspection of visual defects in PV module & analyse its impact on PV module using EL (Electro-luminance) tester & PV analyser.
- Root cause analysis of abnormal performance of PV plant equipment's like PV panels, PV inverters & HT panel.
- **Testing at HT/ LT panel**
 - ✓ Thermographic Inspection
 - ✓ Power & energy test
 - ✓ Harmonic test
 - ✓ Check for current Imbalance
- **At. HVAC (up to 400kV)**
 - ✓ Thermographic Inspection of each & every equipment like CT, PT, power transformer, Isolator, SF6 Breaker & Line Insulators.
 - ✓ Resolve the abnormalities faced.
- **Testing on PV inverters: -**
 - ✓ Harmonic test
 - ✓ Current Imbalance test
 - ✓ Efficiency test
 - ✓ Power & energy test
 - ✓ Comparison of performance of Inverters: - SMA, TMIEC, ABB, SCHNIEDER, HITACHI have been included till date.
- Test DC & AC capacity of PV plant.
- PR (Performance Ratio) test of PV plant.
- Analyse overall performance of PV power plant
- Thorough knowledge of DG set.
- Equipment's used: - 1. Power Quality Analyzer 2. IR thermal camera 3. PVA Analyzer (I-V tracer) 4. EL (Electro-luminance) tester 5. Micro-ohmmeter 6. String tester 7. Micro-ohmmeter

- Two years teaching experience at Jodhpur Institute of Engineering & Technology.

Responsibility: -

- Teach “**Electrical Machines**”, “Design of electrical machines” and “Electric drives & their control”.
- Guide in development of projects for pre-final & final year students.

Papers published:

- Paper on “Auxiliary consumption of PV plant” at Mahindra Susten Pvt. Ltd.
- Paper on “**Study on measurement of temperature coefficient of different types of PV modules in outdoor operating condition in India**” at Mahindra Susten Pvt. Ltd.
- Paper on “**Study on electrical & mechanical compatibility of various PV module cable connector**” at Mahindra Susten Pvt. Ltd.
- Paper on “**Fuzzy logic based speed control of DC series motor**” in national conference on Emerging Trend of Research in Applied Sciences, Experimental and Computational Techniques at JIET, Jodhpur.
- Paper on “**Recent Trends in FACTS Devices**” in international conference on Emerging Trend of Research in Applied Sciences, Experimental and Computational Techniques at JIET, Jodhpur.

Achievements:

- Secured **10th** rank in **merit** list of Rajasthan Technical University.
- Qualified **GATE 2015** with **95** percentiles.
- Won first prize in inter college activity “I SEE” based on electrical circuits in resonance 2012.

Internship & Industrial Visit:

- A three-day training at HITACHI Hi-Rel power electronics Pvt. Ltd on HITACHI PV inverters” in Nov 2015.
- A 30-day summer internship at 830×5 MW Coastal Gujarat Power Ltd. (**A TATA Power Company**) in June 2012.
- A 5 day visit of Raj West thermal power plant, Barmer and Suzlon Wind power plant, Jaisalmer in October 2011.

Software Skills:

- Good command on handling SCADA.
- Good Command on MS excel.
- Good Knowledge of modelling and simulation in MATLAB.

Projects during B. Tech.:

- A major project on Railway track fault detection and protection.
- A minor project on Remote control for home appliances.

Technical Interest:

- Electrical machines
- Electrical & electronics measuring instruments
- Generation and Transmission of Electrical Power

Extra-Curricular Activities:

- Participated in working model competition in OPEN-HOUSE-2010, 2011.
- Participated in college activities in Resonance like chart making, essay writing, quiz etc.
- Participated in world seminar of **Indian scouts and Guides** in 2005

Personal Details:

Father's Name : Mr. Ramtirth Dhuriya
Date of Birth : 20-OCT-1990
Marital status : Single
Nationality : Indian
Languages known : Hindi, English
Hobbies : playing chess, reading

Declaration:

I hereby solemnly declare that all the information given above is true as per my knowledge and belief.

Signature