

## VIKASH KUMAR PRASAD

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### Professional Summary

- Electrical Engineer with over 7 years of experience. Deep understanding and hands on experience in detail design of Conventional Power Plant, Solar PV Plant, Transmission and distribution projects along with on site experience.  
A team-oriented Engineer who works effectively with all levels of employee in cross functional team. Presently I am also pursuing 2-year executive MBA (Operations) from Faculty of Management Studies, Delhi (Expected Completion by April'20)

### Technical Skill

- Acquainted with latest International standards such as IEC, IEEE, IS, NFPA and Saudi.
- Resolving site specific technical query & providing support to commissioning.
- Exposure on detail design in Solar PV Plant, Thermal Power plant and Transmission and distribution projects.
- System Studies- Load Flow, Short Circuit calculations, Arc Flash Study and Transient Stability, Harmonics study and Relay Coordination Studies through ETAP.
- Control and Protection design – Protection SLD and Logic diagram of HV, MV and LV system.
- Equipment Sizing – Transformers, GCBs, Emergency DG, Cable, NGR, Bus duct (IPBD & NSPBD) and Bus Bar sizing calculations, Insulation Coordination Study
- Preparation of specifications and RFQ for electrical equipments – Bus ducts, transformers and switchgears.
- Vendor drawing review- UAT, LVAT, Battery, Charger, Motors & MOVs.
- SLD and Wiring diagram preparation using COMOS.
- In-depth knowledge of Power Plant process.

### Work Experience: 7+ Years

- Working as **Electrical Engineer** with **GE Power** from May 2017 to till date
- Worked as **Deputy Manager (Electrical)** with **Tractebel Engie** from February 2016 to April 2017.
- Worked as **Engineer (Electrical)** with **L&T Sargent & Lundy Ltd** from August 2014 to January 2016.
- Worked as **Senior Engineer (Electrical)** with **Lahmeyer International India Pvt Ltd** from June 2011 to July 2014.

### Projects Under Taken GE Power .

- 2 X 900MW Opole Power Plant, Poland (Site deputation to Opole Poland)
- 3 X 660MW Ghatampur Power Plant
- Malarenergi & Hogbytorp Clean Combustion project.

### Projects Under Taken Tractebel Engie (Earlier known as Lahmeyer International)

- Calik : 900 MW Combine cycle Power Plant , Turkurgan Uzbekistan
- Tractebel-Dubai: EMAL (Emirates Aluminum) Protection Audit
- MEPL (Meenakshi Energy) - Phase II
- Calik: Hamriyah Phase-3 Expansion in UAE

- Samsung C & T: 2X100 MW Coal Fired Power Plant at New Caledonia.
- Al Toukhi: Extension of Open Cycle Gas Turbines at Wadi-Al-Dawaser, Sharourah and Najran; KSA
- 1X660 MW Terna at Athens, Greece:
- GMR Energy Ltd: 400/220/132kV Substation at Deedwana and Alwar, Rajasthan.
- Reliance: 40MWp Solar PV Plant at Jaisalmer Rajasthan.

### Projects Under Taken at L&T –S&L Ltd.

- Sabiya Stage-2 Open Cycle Power Plant (500MW); Kuwait
- Bheramara Combined Cycle Power Plant (360 MW); Bangladesh
- As Safa, Sultana & Al-Kharj 380/132/13.8kV Substation Projects for Kingdom of Saudi Arabia(KSA).

### Education

Faculty of Management Studies (FMS), Delhi		
2017 - 2019	Pursuing Two-year Executive Master's in Business Administration (MBA), Operations (Expected Completion by April'20)	
National Power Training Institute (NPTI), Badarpur, New Delhi		
2007 - 2011	B. Tech in Power Engineering (Electrical Specialization).	70.3%

### Computer Proficiency

- Excellent proficiency in COMOS for electrical system modeling and power system design
- Excellent proficiency in ETAP for electrical system modeling and power system design.
- Substantial knowledge in SPEL for modeling plant systems and generating customized reports.
- Substantial knowledge in PSCAD for preparation of Insulation Coordination Study.
- Substantial knowledge in DIALUX for preparation of Lighting Calculation.
- Substantial knowledge of AUTOCAD (latest version) in 2 Dimension.
- Excellent proficiency in MS OFFICE applications.
- Substantial programming skills in C and C++.

### Achievement

- Team member of finalist team of Rise Prize 2014-2015– India's Biggest Innovation Challenge "Development of 1360 Watt DIY Solar Roof Top Kit for Indian Household "
- Secure First position at district level in Science Exhibition on Rajiv Gandhi Akshya Urja Divas 2004.

### Extra-Curricular Activities

- Work as a Placement coordinator at NPTI in 2010-2011.
- Participated in various Half Marathon held at Delhi NCR .
- Participated in various games at college level.