

## CURRICULUM VITAE

### NAME

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### Objective:

Aim to become a competent electrical engineer with a comprehensive knowledge of designing, developing and maintaining electrical systems and components to required specifications, focusing on the economy, safety, reliability, quality and sustainability.

### Academic Credentials:

- ❖ **Bachelor of Engineering (B.E) in Electrical & Electronics Engineering-** 2016 batch from SJB Institute of Technology, Bangalore, Karnataka, India.
- ❖ **Pre University in Electronics-**2012 batch from SBMJC, Bangalore, Karnataka, India.
- ❖ **S.S.L.C (10<sup>th</sup>)-**2010 batch from St. Ann's High School- Bangalore, Karnataka, India.

Course	Percentage	Year
B.E.in Electrical and Electronics	76.03%	2012-2016
Pre-University Education	80.2%	2010-2012
Secondary School Examination	83.3%	2000-2010

### Personal traits:

1. Tremendous faith to achieve.
2. The desire to learn as much as possible.
3. Ability to work in a team.

### Professional Summary:

1. Total Two years and five months of experience in power system analysis.
2. Date of joining company **PRDC (Power Research and Development Consultants) 14<sup>th</sup> July 2016-present.**
3. Sound knowledge on modelling of power system elements in Mi Power.
4. Expertise in Load Flow analysis, Short Circuit studies and Transient stability studies.

### Projects Handled:

- ❖ **To conduct prudence check of capital expenditure pertaining to categorized/capitalized works of BESCO and CESC for FY 16-17 and FY 17-18**

**Client-KERC**

**Role – Project Engineer**

**Year – 2018-Present**

To evaluate the technical and financial parameters of the completed and categorized works during FY-16 duly checking the primary and secondary objectives of investments made thereby ascertaining if the results achieved through capital expenditure justify the amount that is invested, thus relieving the end customers from being burdened with redundant investments made and certifying whether the capital expenditure incurred by BESCO and CESC is prudent or not.

❖ **Identifying bottlenecks of the power transmission network and feasibility assessment of network up-gradation interstate transmission levels**

**Client** – Sterlite power limited, New Delhi, India

**Role** – Associate Project Engineer

**Year** – 2017-18

Activities/Studies Performed:

1. Preparation of database and geographical diagram in power system simulation software to perform power system studies.
2. Performing load flow studies for the horizon years 2017-18 and 2021-22 for various loading (peak and off-peak) and generation scenarios (including renewable generation scenarios).
3. Identification of transmission bottlenecks at ISTS levels for the present and future network models and to propose new transmission capacity addition required to improve system reliability, to strengthen the system and for smooth power flow in the network.

❖ **Power evacuation studies for the proposed 100 MW solar power project in Pali district of Rajasthan, India.**

**Client** – Greenko group, Hyderabad, India

**Role** – Associate Project Engineer

**Year** – 2017-18

Activities/Studies Performed:

1. Data collection, Data analysis and preparation of database and geographical diagram in power system simulation software to perform power system studies.
2. Detailed load flow studies are carried out for corresponding system demand and local light load during peak solar season.
3. Studies on (N-1) contingency of selected transmission lines which are part of power evacuation to check the evacuation constraints during contingency condition.

❖ **Reliability & Stability Assessment of Electric Grid Power Supply for Dhamra Port Dhamra LNG Terminal Private Ltd**

**Client** – Dhamra LNG terminal private Ltd.

**Year** – 2016-17

1. Data collection, Data analysis and preparation of database and geographical diagram in power system simulation software to perform power system studies.
2. Load flow studies, short circuit analysis and transient studies are carried out for both FY 2016-17 and FY 2021-22.
3. Assessment of generating system supply adequacy in the Bhadrak area to meet the Dhamra port power requirements.
4. Identification of reliable alternative power source of power supply from OPTCL and commenting on the reliability.

**Extracurricular activities:**

1. Secured best fabrication award for solar mobile charger workshop conducted in NIT Trichy.
2. I had given a technical seminar regarding "A novel Adaptive Energy Meter Technology with Pre Unit Limit Alert System Using Renesas Microcontroller", a national conference on futuristic trends in power integration and computing techniques held in Sairam College of Engineering, Bangalore.

**Technical Skills:**

MiPower™, MS Office (MS Word, MS Excel, MS powerpoint)

**Personal Details:**

Father's Name: XXXXXXXXXX  
Date of Birth : 30<sup>st</sup> January 1995  
Nationality: Indian  
Sex: Male  
Languages known: English, Telugu, Kannada and Hindi.

**Declaration**

I hereby declare that all the above information given by me is true to my knowledge and I hold the responsibility of the above-mentioned information.

**NAME**