

## OBJECTIVE

I intend to build a career with technical approach, having honest effort, which will help me to explore myself fully and realize my potential.

## ACADEMIC ACHIEVEMENTS

Delhi Association of Mathematics Teachers-1997

B level-69%

Graduate Aptitude Test of Engineer-2006

GATE Score-348, AIR-2194

## PROFESSIONAL QUALIFICATION

### B. TECH.(POWER Engg. - Electrical Specialization)

National Power Training Institute(NR)-Delhi

## TOTAL WORK EXPERIENCE (13 Years)

**Site Incharge -IKE Electric  
now**

**Aug-2020 to Till**

**Project: GNAL, Dahej**

- ✓ Issuing clearance to civil department.
- ✓ Site incharge of 220kV Switchyard.

### Assistant Manager

**Uttam Sucrotech International Pvt. Ltd.  
2020**

**Jun-2019 to Jan-**

**Project: Panipat, PTPN XI, Indonesia**

- ✓ Issuing clearance to civil department.
- ✓ Detailed Electrical Engineering of Power Plant, 28MW Co-Gen and Distillery.
- ✓ Testing & commissioning of 11kV 30/35MVA, 2.5 MVA transformer based switchyard, concerned interlocks and Relay settings.
- ✓ Testing & commissioning of 11kV, 415V Panels.
- ✓ Bid evaluation, preparing technical specifications of Electrical auxiliaries' e.g. motor, cable, panels.
- ✓ Feasibility report of project, power plant, Power plant, scope of supply & services.

### Deputy Manager

**Engineers India Ltd.  
2019**

**Jul-2018 – May-**

**Project: Petrochemical, HMEL, Bathinda**

- ✓ Issuing clearance to civil department.
- ✓ sTesting & commissioning of 6.6kV 20/25MVA, 2.5 MVA transformer based switchyard, concerned interlocks and Relay settings.
- ✓ Testing & commissioning of 6.6kV, 400V panels, and Current Injection kit.
- ✓ Looking after GE make 400kV, 6.6kV Gas Insulated Switchgear.

### Sr. Engineer

**Fortune Sales Corporation Ltd.  
2018**

**Apr-2017 – Jul-**

**Project: Patanjali, Haridwar**

- ✓ Installation, testing & commissioning of VFD panels.
- ✓ Testing & commissioning of PLC, 415V panels.

**Engineer**

**Hyundai Heavy Industries,  
2017**

**May-2015 – Feb-**

**Project: Jeddah South Thermal Power Plant 4X723MW Oil fired Boilers**

**Domain:** Pre-Commissioning, Commissioning & Maintenance of Electrical Auxiliaries

- ✓ Testing & commissioning of panels, pre-commissioning of Electrical auxiliaries e.g. Single Pole Vacuum Circuit Breaker, Air Circuit Breaker, and CT & PT.
- ✓ Testing & commissioning of 13.8kV, 4.16kV, 0.48kV panels, Secondary Injection kit for Gas Insulation Substation (GIS) & 13.8kV Switchgear.
- ✓ Testing & Commissioning of 13.8/4.16kV, 13.8/0.48kV transformers, interlocks, Relay settings
- ✓ Testing & Commissioning of 13.8kV Emergency Diesel Generator sets, interlocks, Relay settings
- ✓ Testing & commissioning 125V DC UPS & 230V AC UPS interlocks.
- ✓ Follow up of Preventive Maintenance Schedule
- ✓ Updating Operation Department & Management, Breakdown Maintenance
- ✓ Current Transformer Tests – Polarity, Ratio Test, Resistance Test, Insulation
- ✓ Potential Transformer Tests – Voltage ratio Test, Polarity Test, Insulation
- ✓ Circuit Breaker Tests – Contact Resistance Tests, Opening & Closing timing, Insulation

**Sr. Engineer**

**JYOTI PRAKASH MUKHERJI & ASSOCIATES, PUNE  
15**

**Nov-12 – Apr-**

**Electrical Design**

**Domain:** Power Plant

- ✓ Detailed Engineering, Preparation project feasibility report/ Detailed Project Report, Substation, Power Plant, Electrical auxiliaries of process.
- ✓ Technical Specification, Bid Evaluation.
- ✓ Electrical system design, Protection, Basic Engineering, sizing calculations, Review Engineering.
- ✓ Coordinating client & EPC contractor, looking after 2X40MW, 1X18MW, 33kV, 132kV, transmission.
- ✓ Preparation of SLDs of HT panel, MCC, PCC LDB panels & other misc DBs of Power plants.
- ✓ Preparation of load list selection of Distribution Boards as per load list & calculation of total power requirement of the power plant & buildings.
- ✓ Busbar sizing, Design Calculation of cables, Bus bar of panel, Electrical logic.
- ✓ Retrofitting, Handling repair or replacement faulty electrical equipment, new electricity systems and correct any faults.
- ✓ Factory Acceptance Test (FAT), Inspection on behalf of Client, Bid Evaluation.
- ✓ Preparation of Tender document, Technical Specifications, Scope of supply & Services.

**Electrical Design Course  
12**

**Jul-12 – Aug-**

**Asst. Manager**

**Mishan Energy Ltd., Fazilka  
12**

**Sep-12 – Oct-**

**Domain:** Maintenance of 1x15MW Steam Turbine Driven Generator and switchyard.

**Electrical Maintenance of 1x15MW Turbo Driven Generator**

- ✓ Follow up of Preventive Maintenance Schedule.
- ✓ Breakdown Maintenance
- ✓ Updating Operation Department & Management

**Sr. Engineer-Electrical  
12**

**Jul-07 – Jul-**

**ISGEC Heavy Engg. Ltd., NOIDA**

**Domain:** Power Plant

**Responsibility:** Erection & Commissioning of Electrical System at site.

**Projects Completed**

- ✓ VISA Steel, Distt. Jajpur 1X160TPH CFBC Boiler with 4 fields' ESP of Thermax.

- ✓ Project Bhushan Energy LTD., Distt. Angul Odisha. Independent charge as Electrical Engineer **4x250 TPH** CFBC boilers, all 4 boilers' Electrical auxiliaries, 4 ALSTOM make ESP-each ESP of 7 fields for captive Power Plant.
- ✓ NIRMA, Distt. Bhavnagar, 1x200 TPH CFBC Boiler with 3 fields', ESP of ALSTOM.

## GET-Operation 2006

**Jul 2006 - Dec**

Power plant operation experience at **Reliance Power Station**, Samalkota, A. P. as Graduate Engineer Trainee (GET), Plant's detail: **140 MW** GAS turbine and **80 MW** STEAM Turbine.

**Domain:** Power Plant

### Certifications

- ✓ **TEN DAYS** training course on 210 MW thermal unit operations on simulator conducted by NPTI (NR), Delhi.
- ✓ **SIX MONTHS Scheme Tracing & Rotational on Job Training** of the O&M of Pulverized Coal Fired Boiler, Turbine and Electric Generator of 210 MW Unit N.T.P.C. Badarpur, Delhi.
- ✓ **40 Hrs** Electrical Design Course. Preparation of Load list, Electrical Logic, Calculations.

### STEPS IN LOCKOUT/TAGOUT

- ✓ Notify all affected Employees
- ✓ Conduct a Normal Shutdown
- ✓ Place all controls in off & shut all control valve
- ✓ Install Lockout/Tagout Devices & Tags
- ✓ Release Stored Energy
- ✓ Verify Isolation (Try it or test It)

### RELEASE FROM LOCKOUT/TAGOUT

- ✓ Inspect Work Area - check for parts, tools, missing guards. Check to ensure the equipment is ready to operate
- ✓ Keep Other Safe - make sure everyone is clear of the equipment before starting. Make sure they know the machine is going to be started
- ✓ Remove Locks & Tags - each lockout/tagout device must be removed from each energy isolating device by the person who applied the device
- ✓ Rule #1: Know the Equipment
- ✓ Rule #2: Know the Energy Sources
- ✓ Rule #3: Use Lockout/Tagout EVERY TIME
- ✓ Understanding of Electrical Equipment
- ✓ Having knowledge of Electrical procedure & process
- ✓ Having knowledge of switching
- ✓ Understanding of P&ID & Single Line Diagram
- ✓ Understanding LOTO execution process

### PERSONAL DETAILS

<b>Date of Birth</b>	<b>10<sup>th</sup> Aug, 1981</b>
<b>Gender</b>	<b>Male (Married)</b>
<b>Nationality</b>	<b>Indian</b>
<b>Driving License</b>	<b>Indian Valid till 9<sup>th</sup>-Aug-2031</b>
<b>Passport No.</b>	<b>R2686744 Valid till 17<sup>th</sup>-Sep-2027</b>
<b>Permanent Address</b>	<b>B-18D, 3<sup>rd</sup> Floor, DDA Colony, 12 Block, Tilak Nagar, New Delhi-110018</b>

**Date: 20<sup>th</sup>-Sep-2021**

**Place: Dahej**