KAMAL SINGH SHEKHAWAT, Male , D.O.B-17/09/1995

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WORK EXPERIENCE

1. Presently Working in **Parul University**, Vadodara as **Electrical Manager(HOD)** in **Estate Department** from **6th December 2023**.
2. **02/09/2021 to 04/12/2023** Worked as **Senior Engineer Grade-2** in **LG Electronics India Pvt Ltd**, in **Ref Production** Department.
3. **05/09/2020 to 01/09/2021** Worked as **Research & Teaching Assistant** in **Thapar University, Patiala.**
4. **03/04/2019 to 04/04/2020** I was working in the **Rajasthan College of Engineering for Women, Jaipu**r as **Lecturer** in the Department of **Electrical Engineering**

EDUCATION

Year	Degree	Institute/School	% / CGPA
2022	M.E**(Power System)**	Thapar University , Patiala	90.1%
2017	B. Tech (**Electrical Engg.**)	Rajasthan Technical University , Kota	73.52%(**Honours**)
2013	XII **(CBSE)**	Kendriya Vidyalaya No.2 Jaipur	66.6%
2011	X (**CBSE)**	Kendriya Vidyalaya No.2 Jaipur	8.4CGPA

ACADEMIC ACHIEVEMENTS

- Recipient of **Merit Cum Means Scholarship** in M.E(power system) for the year 2021-22 — 2022
- Receiving **Institute Scholarship/Teaching Assistantship** from **Thapar Institute of Engg. & Technology, Patiala** — (2020 To 2022)
- Qualified **MHRD JE EXAM(NIT UK)** exam — 2020
- Qualified **INDIAN RAILWAYS MAINS** exam — 2019
- Qualified **INDIAN RAILWAYS PRE** exam — 2018
- Qualified **GATE Examination** — 2018
- Secured **1st Rank** in SBCET-Jaipur Campus in Major project. — 2017
- Secured **3st Rank** in electrical branch of session (2013-2017) — 2017
- Secured **5th Rank** in RTU Campus in Technical quiz. — 2014
- Secured **3rd Rank** in 4th sem in electrical branch — 2014
- Secured **7 th position** out of 58 students in class X — 2011
- Secured **1stRank** in school in **National Maths Olympiad** out of 75 students in class 7th — 2007

RESEARCH EXPERIENCE

TECHNICAL SKILLS AND ACHIEVEMENTS

Major Project (2020-2022)	• Communication of PLC with SCADA • Thermographic Analysis of LG Electronics India Pvt Ltd plant
Skills	• MS-Office • MATLAB-Basics to advance • SCADA-Basics

Work Experience in Detail

1) Presently working in **Parul University, Vadodara** as **Manager-Electrical (HOD)** in the **Estate Department**, w.e.f 6th **December 2023**.

Roles and Responsibilities:

- **Managing the Purchase Requirements :**
  - **Sourcing and Procurement :**
    - Identify, evaluate, and select reliable suppliers and vendors.
    - Establish and manage supplier relationships to ensure that products are delivered as required.
    - Conduct market research to stay updated on product trends and competitive pricing.
  - **Purchase Planning and Budgeting :**
    - Develop purchasing plans aligned with company needs and budget constraints.
    - Work with departments to understand and forecast product requirements.
    - Prepare and manage budgets for purchasing activities.
  - **Order Management :**
    - Process purchase orders and requisitions from departments.
    - Resolve any issues related to order discrepancies, delays, or changes in requirements.
    - Ensure compliance with company policies, procedures, and quality standards in every order.
  - **Cost Control and Financial Analysis :**
    - Identify opportunities for cost savings and efficiency improvements.
    - Maintain records of all transactions, purchase orders, and supplier agreements.
    - Prepare reports and provide insights to management on purchasing trends, costs, and savings.
- Managing whole **Parul University Electrical Estate** department.
- Managing the New Projects development, Complaint Management System, Electrical Maintenance Team, 66kv Substation Team, Motor Department and whole Electrical utility.

- Currently Installed the **1.5MW Rooftop Solar Plant**.
- Managing key **KPI i.e. Energy Efficiency, reduce losses using Smart Metering etc**.
- Managing whole **300acre campus Electrical side utilities** with approx 55000 Students University.
- Quality management using Complaint management system and Purchase order raise by E-Complaints using **Terotam Software.**
- **21 DG sets** are installed and **4200KVA Sanctioned load** from MGVCL.
- Managing the Team of **70 Staff including 10 Electrical Engineers** assigned for various works.
- With the help of Purchase team procure various electrical assets like transformer. RMU and other equipment's at the best price with the quality.
- Manages the Total **37 Nos Lift Operation & Maintenance** activities.
- Manages the whole **Air Conditioning units** of the University including the **Split AC's, VRF, Cassette and Ductables.**
- Also Coordination with the **Purchase department** for the **New Purchase of Electrical infra Transformers, RMU, HT & LT cables, Solar Power plants, Lifts, UPS systems and other spare parts.**

2) Worked in the **LG Electronics India Pvt Ltd**. Greater Noida from **11/07/2022 to 04/12/2023** in **Ref Production department** as a **Senior Engineer Grade 2.**

Roles and Responsibilities:

- Managing the whole Refrigerator Assembly line -2 of the LG plant.
- Managing Press sub shop (Vacuum Forming / Inner case Forming)
- Working and managing the whole Q-Bank (Quality Issues) of the REF lines i.e., 1 & 2.
- Working on the PLI (Process Loss Improvement) for the REF lines.
- Managing the Key Parameters of the Production i.e., UPH, UPPH, MP Reduction.
- Managing the Pre-MP Activities for the R1 & R2 lines.
- Key role to New Developments of Projects using NPI.

3) Worked in the **LG Electronics India Pvt Ltd**. Greater Noida from **02/09/2021 to 11/07/2022** in **Facility Engineering (Electrical Utility) department** as a **Post Graduate Engineer Trainee.**

Roles and Responsibilities:

- I am managing the whole electrical utility of the LG plant , where we have 10MW sanctioned load from the NPCL(Noida power corp. limited) and for the power backup we have 8 DG sets having 4

LTDG(4x1250KVA) , 4 HTDG(4x2000KVA). , 2 Gas Generators

- 3.5MW solar roof top plant at the roof of the plant area.
- Managing the operation & maintenance work of whole electrical utility
- For the safety and maintenance practices various activities is performed such as Thermographic Analysis of all the PDB & DBs.
- Various Improvement activities are also performed such FI-11, 5S and etc.
- Facility Engineering department is categorized in the 4 sub section
  1) Electrical
  2) Mechanical
  3) Civil
  4) Refrigeration & cooling
- I work under the supervision of the Electrical manager and directly report all the activities to the manager and Head of the Deptt.
- I have to schedule and manage the approx. 30-35 manpower including LG technicians, vendor's manpower, contractual manpower and apprentice.

4) From **03/04/2019 to 04/04/2020** I was working in the **Rajasthan College of Engineering for Women, Jaipu**r as **Lecturer** in the Department of **Electrical Engineering.**

Roles and Responsibilities:

- I was taking teaching load of UG students of the Electrical Engineering where I had taught the following subjects:
  1) Network theory/ Circuit analysis
  2) Electrical Machines
  3) Generation of Electrical Power
  4) Basic Power Electronics devices
- I was also taking the labs such as Electrical machines lab, Switch gear and protection lab etc.

Place: - Vadodara, Gujarat **Date: - 20-05-2025**