

## Curriculum Vitae

### Joyanta Deb Gupta

📍 5 no, Shah Alibag, Maa Amena Tower, Mirpur-1, Dhaka-1216.

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### Career Summary:

Experienced Electrical Design & Project Engineer with 9+ years of expertise in medium-voltage (33kV) to low-voltage (LV) system design, including substation design, SLD, ELD, Earthing System Design, and BBT design. Skilled in site data collection, client requirement analysis, electrical calculations, BOQ preparation, cost estimation, and sourcing. Involved in project execution, overseeing design implementation, testing, commissioning, and completion while ensuring compliance with industry standards and safety regulations. Strong in technical coordination and project management, delivering efficient, cost-effective, and high-quality solutions.

### Employment History-03: (Present)

#### Assistant Manager – Electrical Design & Projects (2019 - Present)

##### Novelty Infrastructures Limited

As an Assistant Manager, I specialize in electrical system design from medium-voltage (33kV) to low-voltage (LV) systems and oversee project execution to ensure successful completion. My core responsibilities include:

- Expertise in substation design, single-line diagrams (SLD), electrical layout diagrams (ELD), earthing system design, busbar trunking (BBT) design, and general arrangement (GA) drawings (with some experience in GA).
- Collecting detailed site data, understanding Client requirements, and providing customized electrical solutions based on client needs.
- Preparing BOQs, cost estimations, and sourcing for both tender and non-tender projects.
- Ensuring industry compliance in all electrical designs and executing projects according to standards.
- Conducting industrial low-voltage testing, system analysis, and report preparation to meet buyer and industry-specific compliance requirements.
- Taking responsibility from design to execution, ensuring projects are delivered on time, within budget, and at the highest quality standards.

### Employment History-03: Achievements

- Led the Complete Electrical Work for 5 NESCO 33/11 kV AIS Substations:
  - Successfully managed the design, installation, testing, and commissioning of five 33/11 kV AIS substations for NESCO.
  - Coordinated all phases, ensuring strict adherence to project timelines, budgets, and quality standards.
- Handled Installation, Testing, and Commissioning of High-Value Equipment:
  - Installed, tested, and commissioned:
    - 10 units of 16/20 MVA power transformers.
    - 23 units of 33 kV outdoor VCBs and 90 units of 11 kV indoor AIS panels.
  - Conducted system integrity checks and ensured all equipment met operational and regulatory requirements.
- Led Electrical Design for Industrial & Commercial Substations:
  - Successfully completed substation design, SLD, ELD, and earthing system design for major industrial and commercial projects, including:
    - ACI Pharmaceuticals
    - Epic Group (All units: EGMCL-1, 2; GTL-1, 2, 3, 4; PGCL)
    - Worldye Apparels
    - Ananta Denim
    - Matin Spinning Mills
    - Karnaphuli Shoes Limited
    - Xing Chang
    - Super Oil Refinery
    - Mas Intimates
    - GAB Bangladesh
  - Ensured compliance with industry standards, buyer requirements, and safety regulations for each project.
- Developed and Maintained Site EHS Plans:
  - Designed and implemented Environment, Health, and Safety (EHS) protocols for all project sites.
  - Monitored compliance, reducing risks and ensuring safety of personnel and assets throughout the project lifecycle.

## **Employment History-02:**

### **Site Engineer**

#### **Siemens Bangladesh Limited**

**September 04, 2017 – October 31, 2019**

- Supervised all electrical work for 24 DESCO 33/11 kV GIS substations, ensuring adherence to design, quality standards, and project timelines.
- Managed project schedules, resource allocation, and subcontractor activities to ensure efficient execution of substation projects.
- Oversaw commissioning, testing, erection, and construction phases for substations equipped with:
  - Siemens (8DB10) 33kV GIS switchgear.
  - NXAIR SION 11kV AIS switchgear.
  - Tesla India 20/28 MVA power transformers.
- Ensured subcontractors followed design specifications, drawings, and manufacturer guidelines for the installation, testing, and commissioning of all equipment.
- Directed the coupling of GIS panels, control wiring systems, BUSBAR chamber refilling with SF6 gas, and monitored gas pressure to ensure compliance with industry standards.
- Assisted technicians in cable termination kit installation and ensured proper integration into GIS and AIS panels.
- Planned and maintained Environment, Health, and Safety (EHS) protocols on-site to ensure a safe working environment.

## **Employment History-02: Achievements**

- Successfully commissioned 19 power transformers, maintaining high operational standards.
- Supervised and put into service:
  - 45 GIS panels, ensuring proper coupling, wiring, SF6 gas management, and troubleshooting.
  - 96 AIS panels, aligning installations with Siemens design and operational efficiency.
- Completed the National Parliament 11kV GIS Panel (NXPLUS C) Installation, Testing, and Commissioning Project, which included commissioning 22 GIS panels, showcasing advanced technical and troubleshooting skills.
- Demonstrated exceptional project leadership by coordinating with subcontractors and ensuring timely project delivery under challenging timelines.
- Implemented EHS policies, achieving zero incidents and maintaining a safe work environment across multiple project sites.

This role reflects my expertise in managing complex substation projects, from technical execution to safety compliance, while achieving client satisfaction and operational excellence

## **Employment History-01 with Achievement:**

### **Junior Engineer**

#### **Novelty Engineering Corporation**

**January 26, 2016 – August 31, 2017**

- Worked on multiple electrical rectification projects, including:
  - Square Denim Ltd. (Mymensingh)
  - Xin Chang Shoes BD Ltd. (Chattogram)
  - World Ye Apparels BD Ltd. (Chattogram)
  - LCB International BD Ltd. (Chattogram)
  - Regency Garments Ltd. (Chattogram)
  - NATco Global Packaging Dhaka Ltd. (Dhaka)
  - And other major industry projects.
- Responsible for Single Line Diagrams (SLD), Electrical Layout Diagrams (ELD), and industrial low-voltage testing, design, and report preparation.
- Ensured all projects complied with industry standards and buyer requirements, such as Accord, Alliance, Bureau Veritas, etc.
- Handled and prepared electrical audits for multiple factories, including:
  - Xin Chang Shoes BD Ltd.
  - World Ye Apparels BD Ltd.
  - LCB International BD Ltd.
  - Regency Garments Ltd. (All Units)
  - Univogue Garments Co. Ltd.
  - G.H. Haewae Co. Ltd.
  - Prime Jeans Culture Limited
  - NATco Global Packaging Dhaka Ltd.
  - A&B Outwear Ltd.
  - Farkantex Ltd.
  - Mas Intimates Bangladesh (Pvt) Limited (Unit 1 & 2)
  - And many more.
- Gained installation experience with low-voltage substations.

This role highlights my expertise in electrical design, compliance audits, and industrial low-voltage system implementation.

### Educational Qualifications:

- **B.Sc. in Electrical & Electronics Engineering**  
Uttara University, Dhaka | Graduation Year: 2020 | GPA: 3.19/4.00
- **Diploma in Engineering (Power Technology)**  
Mymensingh Polytechnic Institute | Passing Year: 2015 | GPA: 3.05/4.00
- **Higher Secondary Certificate (HSC) – Business Studies**  
Government Bangla College, Dhaka | Passing Year: 2010 | GPA: 3.60/5.00
- **Secondary School Certificate (SSC) – Business Studies**  
Chiriakhana Botanical High School, Dhaka | Passing Year: 2008 | GPA: 4.38/5.00

### Personal Information:

- **Name:** Joyanta Deb Gupta.
- **Father's Name:** Swapan Deb Gupta.
- **Mother's Name:** Anjali Deb Gupta.
- **Date of Birth:** 19th May, 1993.
- **Gender:** Male.
- **Religion:** Hindu.
- **Citizenship:** Bangladeshi (By Birth).
- **Present Address:** 5 no. Shah-alibag, Amena Tower, Mirpur-1.
- **Permanent Address:** **Village:** Kaitola, **Post Office:** Kaitola,  
**Sub District:** Nabinagar, **District:** Brahmanbaria.
- **National Id No.:** 19932694812000740
- **Contact No:** +8801671801435.

### Language Proficiency:

- I have a good command of both written and spoken English and also in spoken Hindi, besides my native language of Bengali.

### Other Qualifications:

- Proficiency in Microsoft Word, Excel, PowerPoint, Outlook, Photoshop, AutoCAD, the Internet, and email. I have some basic knowledge about IT related work also.

### Personal Interest:


- Movies, Music, Reading, Traveling, Various kinds of cultural activities and social activities.

### Training:

- Training (Internship) (2014) ECM  
Auto Center Limited 222, Tejgaon I/A,  
Tejgaon Gulshan Link Road,  
Dhaka - 1208.
- SITRUST (2019)  
Siemens Limited, Bangladesh.  
Laila Tower, 8 Bir Uttam Mir  
Shawkat Sarak,  
Dhaka 1212

### Reference:

- Prashanta Kumar Roy Executive  
Engineer. NESCO S&D Division,  
Lalmonirhat.  
+8801755584895
- Md. Sadikujjaman Executive Engineer.  
REB, Faridpur Division.  
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- Mithu Kumar Bhowmik  
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Signature