

**EXPERIENCE:
 ELECTRICAL MAINTENANCE CONSTRUCTION,
 PROJECT MANAGEMENT, CONSULTANCY
 CURRICULUM VITAE (CV)**

PROPOSED PROJECT	POSITION FOR THIS	ELECTRICAL SR POSITION		
1.	NAME OF THE FIRM	SELF EMPLOYED (DEC 2020 TO PRESENT)		
2.	NAME OF STAFF	ASHOKE SAMANTA		
3.	DOMICILE	W.B		
4.	NATIONALITY	INDIAN		
5.	EDUCATION	BE (ELECTRICAL) 1ST CLASS JALPAIGURI GOVT ENGG COLLEGE		
6.	MEMBERSHIP OF PROFESSIONAL SOCIETIES	Nil		
7.	OTHER TRAINING	<ul style="list-style-type: none"> • MS-Office 		
8.	COUNTRIES OF WORK EXPERIENCE	SUDAN NIGERIA		
9.	LANGUAGES & DEGREE OF PROFICIENCY	ENGLISH, HINDI, BENGALI		
	Language	Reading	Speaking	Writing
	Bengali	Excellent	Excellent	Excellent
	English	Excellent	Excellent	Excellent
	Hindi	Good-	Excellent	-
		-		-
		-		-
10.	EMPLOYMENT	-		
	Period Employer	TATA Consulting Engineers Limited CLIENT: DANGOTE FERTILISER LTD,NIGERIA		
	From – 01.03.2016	23.11.2020		
	Positions held and Description of Duties	Responsibilities: Erection, commissioning and Testing and inspection of 120 MW Power plant		

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	<p>Position held: - Manager electrical</p>	<p>Lead the project and commission and handed over, Management total Electrical activities for the following Jobs</p> <ol style="list-style-type: none"> 1.) Coordination between client and Design 2.) Erection, commissioning and Testing and inspection of 120 MW Power plant, substation Panels, Transformers, Cables, other electrical equipment and given MDCC after satisfactory inspection as per drawings and standards. PMC <p>Proven acumen in following up with consultant for getting Drgs and respective materials from H/O for getting smooth progress at site.</p> <p>Well versed with Construction Supervision and Inspection of Erection and Testing of 33 KV Switch Yard, Transformers , HT & LT Switch Boards, HT & LT Motors, H.T & L.T Cable laying (Power and Control)</p> <p>Skilled in Battery ,Battery Charger and Emergency D.G Sets, Fire Protection and Detection Systems, Earthlings, Cable Trays, Lightings and Lightning protections</p> <p>Proficiency in striking perfect coordination and ensuring bottleneck-free execution in managing entire project as well as organization operations with key focus on top line & bottom line profitability by ensuring optimal utilization of resources.</p> <ol style="list-style-type: none"> 3.) Integration and monitoring of project schedules for all works 4.) Preparing Accepted cost estimates and their review at regular intervals. 5.) Conducting quality checks and records maintaining as per TCE formats 6.) Ensuring completion of various activities to meet the project time schedules 7.) quality checks 8.) Commissioning report preparation and certification 9.) Verification, checking and certification of all the 10.)Material management and Inventory.
	<p>August 2014</p>	<p>Feb 2016</p>
		<p>ARCL ORGANICS LTD(Formerly Allied Resins And Chemicals Ltd</p>
	<p>Positions held and Description of Duties Manager-Electrical</p>	<p>Responsibilities: Captive power plant (50 MW). ERECTION AND COMISSIONING,MAINTENANCE</p> <p>Plan & implement of predictive, preventive maintenance of equipments.Plan, co-ordination and execution of routine electrical</p>

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		<p>maintenance & Major shut down jobs, troubleshooting etc. Procurement of critical spare parts & consumable with inventory control. Adapt 5S & ISO System. Maintenance of Distribution Power Network. Rectifier system and Thyristors control devices. Transformers (33 / 0.415 K.V. & 33 /3.3 K.V.). D.G. sets based captive power plant (50 MW). Breakers –V.C.B and A.C.B. H.V. Panel (33KV & 3.3 KV) & L.V. Panel (415V). H.T. and L.T. Motors. PCCs , MCCs ,Variable Frequency Drives Panels &Lighting Panels. H.T. and L.T. Capacitor bank. UPS and Battery charger. Cranes, Hoists, Plant and office Lighting etc. Protection schemes using numerical relays & SCADA. Plant earthing system. Identification , suggestion, & implementation of energy conservation scheme. Should have excellent communication skills & able to quickly build a rapport with management, key stakeholders, colleagues and clients from varying backgrounds, communicating ideas and solution in clear and concise manner. To Install and commission of the heavy equipment as well as conducting tests & inspections to ensure operational effectiveness of plant & utilities. To Review engineering drawings, layouts, diagrams, technical specifications, cost estimates for erection & commission of the plant. To involve in installation, vibration performance trials, system layouts and checks of main and auxiliary machinery and preparing documents for the same Area inspections and Safety Audit tours.</p>
	<p>Period Employer</p>	<p style="text-align: center;">Aarvi Encon Pvt Ltd: site : Since</p>
	<p style="text-align: center;">- Mar2014</p>	<p style="text-align: center;">Aug 2014</p>
	<p>Positions held and Description of Duties Sr elect engineer</p>	<p><u>Name of Project:</u> . GUJRAT STATE PETROCHEMICALS CORPORATION <u>Location:</u> Kakinada-Andhra Pradesh. <u>Client:</u> GSPC-AP</p>

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		<p><u>Features Of the project:</u> Manufacture of LNG</p> <p><u>Position Held:</u> Construction Sr Engineer -ELECTRICAL</p> <p><u>Responsibilities:</u> Erection and commissioning of 30 MW POWER PLANT Construction management and supervision of Erection, commissioning of 20MVA 11KV/6.6 KV Transformer,HV/LV SwitchGear,HV/LVmotors,11kv,Substation,UPS,Battery charger ,Battery Bank,11KV DG erection and commissioning, <u>Safety, statutory, Critical Tasks:</u></p> <ul style="list-style-type: none"> ↪ Carry out required electrical isolations to India standards. ↪ Ensure that the equipment, tools and tackles test equipment and meters used at the site are maintained as per the statutory rules and regulations in order to full fill the compliance with statutory requirements. ↪ Fulfil designated role in emergency team as required. <p><u>Environment:</u></p> <ul style="list-style-type: none"> ↪ Maintain plant and equipment to minimize potential for fugitive losses and accidental oil and chemical spills. ↪ Use Waste Management System to contribute to terminal objectives and targets for waste handling and reduction. Understanding the environmental emissions and resource use and effects from terminal equipment. ↪ Understand the regulatory objectives and targets in each area., Quality assurance and Safety, <ul style="list-style-type: none"> • .
	<p>Period Employer</p>	<p>JACOBS ENGINEERING INDIA PVT LTD</p>
	<p>JULY2012</p>	<p>FEB 2014</p>
	<p>Positions held and Description of Duties Principal Engineer (Electrical)</p>	<p><u>Name of Project:</u> LPG PROJECT/ALUMINIUM. <u>Location:</u> Maharashtra/Odisha <u>Client:</u> UNILEVER-Maharashtra/UAIL(A.K BIRLA-ORISA.) Lubrizol CPVC plant (Bharuch/Dahej) <u>Major Features Of the project:</u> Oil & Gas (Refinery)</p> <p><u>Responsibilities:</u></p> <p style="text-align: center;">132 KV GIS Substation Erection, commissioning</p> <ul style="list-style-type: none"> ↪ Shouldering the responsibility to assist site Manager, allocate

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		<p>tasks to subordinate staff</p> <ul style="list-style-type: none"> ↻ Liable to assess contractors Resources, manpower, tools ↻ Tackles for executing the project awarded to contractor, instruction and observation of the procedures of Erection Testing and commissioning of equipment ↻ Daily progress monitoring Maintain detailed record of weight age measurement of Construction Progress, Electrical safety review. ↻ Responsible for co-ordination with Design office, Project department, Process ↻ Looking after Department and Construction progress review. Preparation of Check lists, Document Control.
	Period	From :- Oct'10 – May'12
	Employer	UHDE India Pvt. Ltd.
	Chief Engineer- Electrical	Project: LPG Project Client: Bharat Petroleum corporation Limited-URAN (MUMBAI)
		<p><u>Responsibility:-</u></p> <ul style="list-style-type: none"> ↻ Construction of 22kv substation, PMCC, MCC, Single line diagram ↻ Review of drawing, Control panel drawing, UPS, Cable laying and cable tray, illumination, High Mast light, site inspection whenever required ↻ Looked after cable sizing, short circuit Calculation, Meeting with client, tendering Vendor Selection Fully Conversant with engineering drawings, Schematic diagrams, Engineering standards specs and codes. • Managed the spectrum of Erection, commissioning and Testing of MVA Transformer, 720 KW/6.6 KV Compressor Motors, 22 KV substation, 1250 KVA DG-2No and synchronization • Quality Control and Preparation of Inspection report. • Responsible for the safe execution of the projects and coordinate with clients Safety personnel for the execution of the project • Coordination with Client / Coordination to site personnel's Planning and execution of the jobs as per the project schedule
	Period	From :- Jan'10 – Oct'10
	Employer	. Philips Black Carbon Ltd. - RPG Group, Durgapur

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Positions held and Description of Duties Manager-Electrical		<p>Client ; RPG-DURGAPUR(WB)</p> <p><u>Responsibilities:</u> <u>Erection, commissioning and Maintenance of 30 MW Power plant</u></p> <ul style="list-style-type: none"> ↪ Responsible for ERECTION of 30 MW Power plant,132 KV Substation, Managed the gamut of Erection, Commissioning and Testing of 31.5 MVA Transformer,33kv switch gear, Blower 500 kW Motor –VFD, coordination of Relay, 33 KV and 11KVBUSduct ↪ Done Job inspection and quality checking as per IS Standard ↪ Ensured compliance statutory and environmental Requirement Safety & House Keeping, Approval from Electricity Board • Preparation and implementation of procedures, Work Instructions and Quality control plans • Maintaining records of calibration, inspection and testing equipment. Verification of Purchased Products & Control of Non-Conforming Products • Prepare project reports/progress reports based on weekly, monthly basis • <p>Work Site Activity: Maintenance of the facilities electrical systems during normal operation as well as planned and unplanned shutdown periods, using internationally accepted standards procedures and guidelines</p> <ul style="list-style-type: none"> •
Period		From Nov'08 – Dec'09
Employer		Development Consultants Pvt. Ltd., Kolkata
	Nov 2008	Dec 2009

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	<p>Positions held and Description of Duties</p> <p>Sr Elect Engineer</p>	<p><u>Name of Project:</u> Barber cement company.</p> <p><u>Location:</u> Sudan</p> <p><u>Client:</u> BBC</p> <p><u>Major Features Of the project:</u> Cement Plant.-4800 TPD</p> <p><u>Position Held:</u></p> <p><u>Responsibilities:</u></p> <ul style="list-style-type: none"> ↪ Design review of System Architecture Drawings, Loop Drawings, Relay Diagrams, Layout Drawings of Relay Control Panels, MCC Panels, Power Distribution Systems. ↪ Carried out Factory Acceptance Test (FAT), Site Acceptance Test (SAT) of different Substation Electrical Systems. ↪ Weekly/monthly Project report, material /man power requirement. ↪ Managed procurement services including Material Requisition, Technical Bid Analysis and Contract finalization. ↪ Looked after Package /System vendor Erection, Commissioning and Testing of the following Equipment. <ul style="list-style-type: none"> ❖ Transformer up to 20 MVA 33 KV/6.6 KV-2 No, 1600KVA 6.6KV/433 ❖ 33 KV Indoor Substation, 6.6 KV- PCC, 6.6 KV HT Motor panel ❖ 355 KW to 3300 KW ,33KV & 6.6KV Vacuum circuit breaker ❖ VFD panel from 200 KW/690V to 1250 KW/690V and VFD ❖ Motor 2500 KW/4160Volt Liquid starter of HT Motor, Stacker and Reclaimer, LT- PCC and MCC, 132 KW Compressor–ATLAS COP CO • Illumination, Battery charger –DC Panel, 1000KVA DG • Co-ordination with Engineering disciplines, Engineering Sub-contractor, Procurement, Inspection, Construction Management/Site, Vendors etc. • Maintain and check spare for the equipment critical equipments in the plant and preventive maintenance for critical equipments • Coordination between different departments like Design, Purchasing, Estimation, Subcontracts and Site • Participate in the daily operations, weekly/monthly schedule construction and short operational reporting. <p>Preparation of look-ahead schedules, monthly reports, Analysis report comparing with target with base schedules, etc.,</p>
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	Period	From :- Sep'06 – Sep'08
	Employer	Durgapur Chemicals Ltd. (I2000; ISO 14000-2004) (A Govt. of West Bengal Enterprise)
	From:- SEPT2006	To:- SEPT2008
	Dy Chief Engineer	<p><u>Name of Project</u> Membrane Cell project 110 MT capacity of ASAI KASAI <u>Location</u> - Durgapur(WB . <u>Client:</u> DCL-WB <u>Major Features Of the project:</u> Manufacturing the Caustic soda,chlorine.hydrogen.nitrogen,HCL <u>Position HeldResponsibilities:</u> Erection, commission and testing of Membrane cell project comprising of 23 MVA, 33 KV/630 V Transformer, 3 MVA, 33 KV /11 KV Transformer and 11 KV switch Gear (VCB Siemens), MCC, PCC, 500 KVA DG SET, 33 KV out Door capacitor bank for harmonic filter, 11KV CAPACITOR Bank for power factor</p> <ul style="list-style-type: none"> ↪ Looked after Improvement, different size induction motors, housekeeping at substations ↪ Managed total electrical project handling, tendering call, estimation evaluation, manning, Document and drawing approval, co-ordination with client and other disciplines for the preparation of Power Distribution Philosophy. ↪ Handled design review for the implementation of HT lines, 33 KV & 11 KV, Capacitor Bank Installation and commissioning
	Period	Apr'05 – Sep'06
	Manager – Electrical	
	Employer	Brand Alloys Ltd. (ISO 9001-2000), Hoogly, WBProject
	Position Held :	Project Manager Elect
	Responsibility:	<ul style="list-style-type: none"> ↪ Responsible for Hot Rolling Mill Project at SreeRampur (W.B) Job handling of total electrical project of 6 MT Induction Furnace ↪ Managed ARC Furnace 33 KV outdoor substation Station, 33KV Switch Gear, AC/DC DRIVE 40 MT EOT CRANE CNC Machine, Lathe Machine, Horizontal/Vertical Boring Machine, Plano miller etc ↪ Done Erection, Commissioning of 7.5 MVA,33/11KV Transformer, 4MVA.11/1.250 KV Transformer, 33KV VCB, 1000HP MOTOR requirement of man Power, material, ↪ Liable for Erection and Commissioning of 6000MTPD Rolling Mill ↪ Prepared Bill of Material Sheet, Internal Inspection ↪ Made Report of Materials. Stage wise inspection

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- ↪ Look after Equipments and associated Protection relays, EHT / HT Power, Transformers, DC systems OHL and MV switchgears and Testing of Protection interlocks Schemes.
 - ↪ Identify areas of obstruction / breakdowns and taking steps to rectify the equipment through application of troubleshooting tools
 - ↪ Perform first line maintenance and reporting faults on electrical equipment.
 - ↪ Conduct regular inspections to ensure adherence to regulatory norms and safety standards.
 - ↪ Identify, prepare and apply electrical isolations.
- Prepare Daily maintenance equipment status Log. Frequently update of all engineering change system
.Ensure that the PM, CFT checklist are filled and all audit documents are up to date

Period May'97 – Apr'05

Employer Allied Resins And Chemicals Ltd., Kolkata

Industry Type: Petrochemicals

Position Held : Executive -Elect

Responsibility:

- ↪ Responsible for Erection, commissioning and testing of electrical Machineries and Equipment ie 1600KVA-15 Transformer (6KV/415V)
- ↪ Managed different size of Motor up to 210 KW DG Set up to 750KVA Compressor up to 150 HP Blower Cooling Tower
- ↪ Handled chilling plant AC/DC DRIVE PCC MCC PLC Control circuit Switch
- ↪ Looked after Gear ACB-4000A, OCB up to 11kv SF6 Circuit Breaker EOT Crane Hoist etc.
- ↪ Done Electrical paper works; Indent making
- ↪ Liable for complete job planning, cost analysis of job Preparation of progress report
- ↪ PM, CFT checklist are filled and all audit documents are up to date.
- ↪ Oversee installation, calibration, testing, maintenance and overhauling of electrical equipment in use by using precision test equipment and other tools.
- ↪ Participate in Job Safety Analysis process and review conclusions.
- ↪ Monitor construction work sites for compliance with Permit to Work and company standards.
- ↪ Document review e.g. Maintenance Procedures, modification work packs etc.
- ↪ Prepare Daily maintenance equipment status Logs.
- ↪ Ensure that all records/logs/certificates are maintained and updated to provide evidence of terminal conformance to HSE standards.
- ↪ Participate in review process.

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- ↻ Support commissioning and optimization of new and modified plant.
- ↻ Maintenance of site and area Certified Equipment e.g. electrical distribution.
- ↻ Construction and pre-commissioning where the work will be agreed and led by the Maintenance Superintendent or Vendor.
- ↻ Carry out modifications to statutory standards and codes.
- ↻ Provide technical support.
- ↻ Specify spares requirements.
- ↻ Testing and official witness acceptance of construction and vendor modifications.
- ↻ Manage electrical maintenance priorities, vendor performance and repair tracking system.
- ↻ Be aware of, and implement rules and regulations based upon statutory and company requirements.

Period Apr'95 – May'97

Employer Larsen and Toubro Ltd. (Group X) –
Industry type: Power plant 2x210 MW POWER PLANT ERECTION

Position Held : Site Engineer

- ↻ **Responsibility:**
 - ↻ Accountable for various substation supervision, configurations and switching schemes.
 - ↻ Erection of Transformer, motor, cable and Switchgear.
 - ↻ Exposure to design Software relay coordination, Protection & Metering.
 - ↻ Conversant with Indian and International Standards.
 - ↻ Maintained Quality of Design, design procedure
 - ↻ Liaised with Utility Company, Electrical Inspectorate etc.
- General exposure to MS Word, Excel, Outlook Express

Period Feb'90 – Jul'94

Kesoram Rayon (Birla Group) Hooghly, WB **Feb'90 – Jul'94**

Position Held : Asst. Engineer – Electrical

- ↻ **Responsibility:** Managed different size of Motor up to 2100 KW DG Set up to 1250KVA Compressor up to 750 kw Blower Cooling Tower
- ↻ Handled chilling plant AC/DC DRIVE PCC MCC PLC Control circuit Switch
- ↻ Looked after Gear ACB-4000A, OCB up to 11kv SF6 Circuit Breaker EOT Crane Hoist etc.
- ↻ Done Electrical paper works; Indent making
- ↻ Liable for complete job planning, cost analysis of job Preparation of progress report
- ↻ Budget and capex preparation
- ↻ Electrical energy savings, power factor control
- ↻ Monitor performance of systems by use of watch keeping processes.
- ↻ Support Continuous Improvement initiatives.
- ↻ Maintain competency of junior staff by identifying training requirements for individuals and ensuring they are met.
- ↻ Permit and isolation audits, control and monitor permits and long term Isolations.

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	<p>↩ <input type="checkbox"/> Where applicable follow up of safety actions - review and implement HSE actions.</p> <p>↩ <input type="checkbox"/> Area inspections and Safety Audit tours.</p> <p>↩</p>
	Certification
	I, the undersigned, certify that to the best of my knowledge and belief, this bio data correctly describes myself, my qualifications, and my experience. I understand that any wilful misstatement described herein may lead to my disqualification of dismissal, if engaged.
SIGNATURE NAME: Ashoke Samanta DATE: 29. 1.2021	