**RESUME**

**VIVEKANANDA SARKAR**

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Phone: +91-8961189648; Passport No. R-0718498(Old PP G-2774086); Renewal 26.06.2027.

**PROJECTS, DESIGN (STATIC EQUIPMENT, HEAT EXCHANGERS, PIPING), ESTIMATION & DETAIL ENGINEERING**

***Extensive experience in executing full life-Cycle projects development; ramping-up projects within time, budget & quality parameters, as per project management & best practice guidelines***

**Industries Preference**

**Power/ Petro Chemical /Oil & Gas / Chemicals / Fertilizer & others associated Organization**

**Location Preference: India & Overseas**

# PROFILE SUMMERY:

* A competent professional Over all 25+Yrs ( I8 Years In Oil & Gas) experience pertaining Projects, Design, Estimation, Detail Engineering, Fabrication & Construction, of Static Equipment, Heat Exchanger, Pressure Vessel, Column, Tanks, Reactors, Cryogenic Vessel, Adsorber, Pumps, Plant Piping, Pipelines, etc. in compliance with international codes and standards, for Oil & Gas, Petro-Chemicals, Refineries, Fertilizer Power Sector, & other Chemical industries.
* Proficient in Swiftly ramping up projects with competent cross-functional skills and ensuring on time deliverables within pre-set cost parameters.
* Proficient in reading PFD, P&ID, Process & Mechanical Data Sheet, Technical Spec, for Piping, Heat Exchanger; Pressure Vessel, Column, Tanks, Equipment etc
* Thermal & Mechanical Design, Development of Technical Offer, TDC Preparation, Fabrication Drawings, G.A Drawing, Piping Layout, Routing, Piping, Supports, Isometric, BOM
* Possess knowledge in International Codes and Standards (**ASME; API; TEMA, IS, BS, DIN, ISO, IBR** etc.)
* Familiar with **EIL, SABIC & ARAMCO**, and other **EPC Engineering Standard**s.
* Stress Analysis for Static Equipment, Column. Heat Exchangers & Plant Piping, with Computer aided Software compliance with all applicable International Codes & Standards.
* Skilled in Managing Projects involving Estimation, Design & Detailed Engineering, Development, Drawing for fabrication, co-ordination with internal departments.
* Worked on projects involving estimation & Procurement of the required Materials, Manpower, prep. of Bill of Quantities (BOQ)/ MTO, MR, Manpower mobilization, Equipment mobilization, cash- flow statements, floating enquiries to sub-contractor and so on
* Lead the Engineering Outputs in-line with the Scope of works, Technical Specification, Budget and Planning
* Performing inspection (FAT) for various processes and checking quality standards.
* Hands on Experience of **Thermal & Mechanical** Design software (**HTRI,** **PV-Elite; CAESAR-II; Auto-Cad; Micro Station; PDMS, SP3D, SPF Solid Works, Nozzle Pro)**.
* Participate in Standardization Activities **ISO 9001**, **ASME AUDIT**, HAZOPS, Safety Studies; Commissioning activities.
* Co-ordination with internal department, Technical Supports to Fabrication, Construction & Commissioning Team.
* Participate in preparation of “As Built” Dwg. Retrieving Drawings, and other Documentation with EDMS.

**SKILL SET**

**Thermal Design (HTRI).**

**Stress Analysis FEA, WRC 107,297**

**ASME-U, U2, IBR, STANDARIZATION.**

**Design and Estimation & Proposal**

**Technical Bid Evaluations (TBE)**

**Project Management**

**Static Equipment Design (Heat Exch. Pr. Vessel)**

**PV-Elite; Nozzle Pro, CAESER-II)**

**Auto-CAD, -MicroStation, PDMS, SPID, SP3D**

**Fabrication, Erection & Commissioning**

**Procurement, Quality Control (QA/QC)**

**Tender Bidding / FAT (Factory Acceptance Test)**

# SUMMARY OF WORKING EXPERIENCE

* **July,2022~Onward Oswal Infrastructure Ltd. (DGM- Design & Engineering)**
* **Oct’2021~July’2022 TEAM (Titanium Eqpt & Anode Mfg. Co. Pvt. Ltd.) Chennai, As Sr. Manager Design.**
* **July’16~Sept.21 Jindal Steel & Power Ltd.; Raipur, India, As a Sr. Design & Estimation Engineer.**
* **Aug’15 ~ April’16 Ramsis Engineering W.L.L Bahrain; As a Department Manager. (Engg. & Estimation).**
* **Jul’08 to Jul’15 SABIC (Saudi Basic Industries Corporation) Yanbu, KSA; As a Design Engineer**
* **Oct’07 to Jun'08 Grundfos Pump India Pvt. Ltd., New Delhi; As a Sr. Engineer- Project**
* **Oct’04 to Sep’07 Mectech Process Engineers Pvt. Ltd. New Delhi; as Project Engineer-Design**

# DETAILED OF ORGANAISATIONAL EXPERIENCE.

1. **OSWAL INFRASTRUCTURE LTD. AHMEDABAD, KALOL, GUJARAT, INDIA.**

(EPC & Mfg. Company, in the field of Oil & Gas, Refineries, Petrochemical, Power, Fertilizer, Serving India & Overseas, Specialty In Skid Mounted, Package Equipments for onshore & off shore facility)

**Key Responsibilities: -**

* Managing Design Engineering & Estimation Deliverable for Pre & Post Order stages with a Team of (3 Engineers + 4 Draftsman)
* Mechanical Design Calculation of Shell & Tube Heat Exchangers, Pressure Vessel, Skids as per Int. Design Codes **ASME –Sec. VIII. DIv.1&2; TEMA, API 660 &** API-12K, Piping as per ASME B31.3 for **Oil & Gas, Refineries, Petrochemicals, Power & Fertilizer Projects.**
* Stress Analysis **(WRC 107, 297, FEA**) with **PV-Elite, Nozzle Pro,** for Pressure Vessels, Column, Reactor, Heat Ex**.**
* Detail Engineering & Development of Fabrication dwg. for Shell & Tube Heat Exchangers, Pressure Vessels, Pig Launcher & Receivers, Skids & allied Structure etc.
* Preparation of BOQ, & MTO for Procurement of Materials [Equipment, Heat Exchanger, Piping & Vessels Etc.]
* Communicating with **Clients,** **PMC, EPC &** Other, Internal Dept. for Technical Query & Clarification other Approval.
* **Perform Thermal Design (HTRI) & Mechanical Design, Estimation & Preparation of Technical offer for upcoming Project, Tender & Enquiries**.

**Accomplishments:**

* Handling Refiner & Petrochemical Projects: **M/s. NRL Assam; HRRL Bermer;** **M/s. VEDANTA Ltd.;** [**Cairn Oil and Gas**](https://www.facebook.com/CairnOilandGas)**;** KOC, ADNOC, L&T; Air Liquid, Fives France.
* **Engineering & Estimation** for 1 of Thermax Project A/c. NRL-Assam.

1. **TEAM (Titanium Equipment & Anode Manufacturing Company Pvt. Ltd.) Chennai; India.**

(Dr. Rao Groups of company 40 Years in Field of Exotic Materials Equipment & Hitech Membrane Mfg. Company catering to Refineries, Petrochemical, chemical, fertilizer, Paper mills, Air Defense ISRO & other Public Sector)

**Key Responsibilities: -**

* Managing Design Engineering & Estimation Deliverable for Pre & Post Order stages with a Team of (4 Engineers + 6 Draftsman)
* Mechanical Design Calculation of Shell & Tube Heat Exchangers, Pressure Vessel, Columns, Reactors, other Heat Exchangers as per Int. Design Codes **ASME –Sec. VIII. DIv.1&2; TEMA, API &** Tanks as per API-650 & 620 for **Oil & Gas, Refineries, Petrochemicals, Chemical, Power & Fertilizer Projects.**
* Stress Analysis **(WRC 107, 297, FEA**) with **PV-Elite, Nozzle Pro,** for Pressure Vessels, Column, Reactor, Heat Ex**.**
* Detail Engineering & Development of Fabrication dwg. for Shell & Tube Heat Exchangers, Pressure Vessels, Column, Reactor, Adsorber, Tanks & allied Structure etc.
* Preparation of BOQ, & MTO for Procurement of Materials [Equipment, Heat Exchanger, Piping & Vessels Etc.]
* Communicating with **Clients,** **PMC, EPC &** Other, Internal Dept. for Technical Query & Clarification other Approval.
* **Perform Thermal Design (HTRI) & Mechanical Design, Estimation & Preparation of Technical offer for upcoming Project, Tender & Enquiries**.

**Accomplishments:**

* Handling Refiner & Petrochemical Projects: **M/s. IOCL; -Mathura, Panipat. Mumbai, Gujarat; Paradip; Guwahati;** **M/s**. EIL**~GAIL; Technip; CPCL-Chennai; tkIS;** Tata Chemical, ANDRITZ; SHREAS, BUSCH-VACCUM, MCPI, SRF,
* **Engineering & Estimation** for Various Project, ThyssenKrupp, **Honeywell UOP**; Worley Person, KBR, L&T, IOCL, HPCL, MRPL, GAIL, ONGC; ASSAM Petrochemical, CPCL Through EIL- India, Linde, **Air-Product**, HRRL, **McDermott**, Petrofac, **Nayra Energy Ltd**. JACOBS, SRF Ltd. Etc.

1. **Jindal Steel & Power Limited; Raipur, India.**

**Key Responsibilities: -**

* Managing Design Engineering & Estimation Deliverable for Pre & Post Order stages with a Team of (4 Engineers + 8 Draftsman)
* Mechanical Design Calculation, Detail Engineering for Pressure Vessel, Columns, Reactors, Cryogenic Vessel, Heat Exchangers as per Int. Design Codes **ASME –Sec. VIII. DIv.1&2; PD-5500; IS: 2825**, **TEMA, API 660 &** Tanks as per API-650 & 620 for **Oil & Gas, Refineries, Petrochemicals, Chemical, Power & Fertilizer Projects.**
* Stress Analysis **(WRC 107, 297, FEA**) with **PV-Elite, Nozzle Pro,** for Pressure Vessels, Column, Reactor, Heat Exchangers, etc**.**
* Development of Fabrication dwg. for Pressure Vessels, Column, Reactor, Adsorber, Heat Exchangers, Tanks & allied Structure etc.
* Preparation of BOQ, & MTO for Procurement of Materials [Equipment, Heat Ex. Structure & Piping vessels Etc.]
* Communicating with **Clients,** **PMC, EPC &** Other, Internal Dept. for Technical Query & Clarification other Approval.
* **Perform Thermal Design (HTRI) & Mechanical Design, Estimation & Preparation of Technical offer for upcoming Project, Tender & Enquiries.**

**Accomplishments:**

* Handled National & International Projects: **M/s. L&T HE-Chiyoda, a/c. HRRL-Barmer** (**Dual Feed Cracker-13 Nos. Column) 2021; M/s. TPIL \_EIL -Aker Solution a/c HRRL, Barmer (28 Nos. vessel) 2020; M/S. IOCL-Mathura, Panipat. Mumbai, Gujarat; Paradip; Guwahati; M/s. L&T HE-Chiyoda, a/c. HPCL-Vizag** (**FCHCU-35Nos.Vessel)\_2018**; **M/s. L&THE- Aker Solution a/c. HPCL-Vizag** (**CDU-VDU, 12Nos. Vessel) \_2019**; **M/s**. EIL-**BPCL-Kochi; EIL A/c.** **Dangote Oil Refinery, Nigeria** (**40** Vessel & Column)2106~2017; **M/s.** **Honeywell UOP**-**BORL-Bina Refinery (15 Nos. Column & Vessel) ~2016**; **M/s. MRPL-Mangalore; M/s. L&THE-EIL a/c. HMEL-Bhatinda; M/s. GAIL; M/s. Technip; M/s. PDIL-IOCL, Rajasthan, M/s. Technimont; M/s. AIR Products;** for Pressure vessel & Columns. And Special Project for JSW Dolvi, & JSPL Angul, **Tata Steel** Etc.
* **Engineering & Estimation** for various Project, ThyssenKrupp, **Honeywell UOP**; Dangote-Nigeria, TOTAL OIL–NIGERIA, ALFARABI-KSA through L&T, ADCO-BU HASA-ABHUDHABI, MAADEN-KSA, IOCL, HPCL, BPCL, MRPL, GAIL, HMEL, HURL, JSW, TATA STEEL (Blue Star), ONGC, ADANI–LPG MUNDRA; ESSAR OIL, ASSAM Petrochemical CPCL Through EIL- India, Linde, **Air-Product**, HRRL, **McDermott**, Petrofac, **NAYRA ENERGY LTD**.Etc.

1. ***Organization: - Ramsis Engineering W.L.L; EAST RIFA, Bahrain***

(EPC Suppler of Pressure vessel, Column. Heat Exchangers, Tanks, in the Field Oil & Gas, Petrochemical & Power)

**Key Responsibilities: -**

* Managing Design Engineering & Estimation Deliverable for Pre & Post Order stages with a Team of (8 Engineers + 12 Draftsman) Mechanical & Thermal Design Calculation, Detail Engineering for Pressure Vessel, Columns, Reactors, Shell & Tube Heat Exchangers as per Int. Design Codes **ASME –Sec. VIII. DIv.1&2; PD-5500;**, **TEMA, API-600 &** Tanks as per API-650 & 620 for **Oil & Gas, Refineries, Petrochemicals, Chemical, Power & Fertilizer Projects.**
* Stress Analysis **(WRC 107, 297, FEA**) with **PV-Elite, Nozzle Pro,** for Pressure Vessels, Column, Reactor, Heat Ex, etc**.**
* Development of Fabrication dwg. for Pressure Vessels, Column, Reactor, Adsorber, Heat Exchangers, Tanks & allied Structure etc.
* Preparation of BOQ, & MTO for Procurement of Materials [Equipment, Heat Ex. Structure & Piping vessels Etc.]
* Communicating with **Clients,** **PMC, EPC &** Other, Internal Dept. for Technical Query & Clarification other Approval.
* **Perform Thermal Design (HTRI) & Mechanical Design, Estimation & Preparation of Technical offer for upcoming Project, Tender & Enquiries**

**Accomplishments:**

Handled 4 Nos. Project for, **BAPCO**, **KNPC, KOC** & **TATWEER** Petroleum.

* [Bahrain Petroleum Company (BAPCO)](http://www.bapco.net/); Bahrain- Design & Detailed Eng. & Supply of 4 Nos. Shell & Tube Heat exchanger
* Kuwait National Petroleum Company; Kuwait-Design & Detailed Eng. & Supply of 6 Nos. Column.
* Tatweer Petroleum; Bahrain –Design & Detailed Eng. & Supply of 2 Nos. Tanks & Related Pipe line.
* Kuwait Oil Company; Kuwait-Design & Detailed Eng. & Supply of 4 Nos. Of Pig Launcher & Receiver

1. ***Organization: -*SABIC** (***Saudi Arabia Basic Industries Corporation***) Through~ Dar Al Riyadh Consultant; Yanbu; K.S.A. Worked with **SABICE&PM** (**Engineering & Project Management**) for **SABIC Affiliate’s Plant Projects (IBNRUSHD; YANSAB; GAS & YANPET-A Joint venture of ExxonMobil ;)** in Yanbu**.**

* Designation **: Design Engineer (Piping & Mechanical)**
* Duration : **7.0yrs (July' 2008 ~July’2015)**

**Nature of Work& Responsibilities:**

* Work as part of a team of engineers and designers in carrying out detailed engineering work; responsible for conceptual and detailed design (Concept, Front End Basic, Material, Stress Analysis, Layout Engineering, Pipe Support engineering, 3D modeling); Prepare man-hour estimates for all Piping Engineering activities.
* Participate in Preparation of Engineering Design Package (FEED & DEP) for Brown Filed & Expansion Projects & (MOC) Management of Changes.
* Perform calculations for Piping /Pipeline such as Pipe sizing, pipe wall thickness, reinforcement pads, Pressure drop, and others as per the relevant piping codes **ASME, B31.1, B31.3, B31.4 & B31.8** and other standards.
* Preparation of Plot Plan, Equipment Layout, Piping Layout, Routing, Supports, Line list, TP List, Isometric, Fabrication Drawings, G.A, Drawings **Micro station** & **AutoCAD**; 3D Modeling with **SP3D**.
* Preparation of MR for Piping & Equipment BOQ/MTO, Valves, Special Piping Items, fasteners, hangers, supports, insulation and Painting.
* Perform Piping Stress Analysis using of **CAESAR II** software, assuring compliance with all applicable codes pertaining to piping systems and strain sensitive equipment.
* Identify stress factors and layout feasibility, Provide piping loads to Civil Discipline. Co-ordination with other in-house departments, Preparation Mark Up Stressed Isometric.
* Perform Technical Bid Evaluations (TBE). Review vendor drawings, documents and design calculations.
* Design Review & Detail Engineering for Pressure Vessel; Reactor, Column; Crystallizer, Bullets, H.E; Filters, As per ASME SEC-VIII; Div.-1&2, TEMA, etc.
* Preparation of all Drawings &documents up-to the final IFC stage.
* Preparation of the final “As Built” Drawings, DWG. & Documents Retrieving and other Documentation with **EDMS**.

**Accomplishments:**

**i) 21 Nos. Brown Field Site Project, Piping& Mechanical.**

**ii) 206 Nos. MOC (Management of Change) for Piping& Mechanical.**

**Worked on Site for following SABIC Plants:-**

**IBNRUSHD**:

* Arabian Industrial Fibers Co; A SABIC Affiliates
* Aromatics
* PTA / CTA (Terephthalic Acid)
* Polycondensation.
* Acetic Acid Plant.
* Off-Site Utilities.

**YANPET:**

*Saudi Yanbu Petrochemical Complex; A SABIC Affiliates Joint Venture of* ***Exxon Mobil***

* Ethylene,
* Ethylene Glycol,
* POLYMER,
* OFF-SITE Utilities

**YANSAB:**

*Yanbu National Petrochemical Complex A SABIC Affiliates*

* Ethylene Glycol
* HDPE & LLDPE
* Polyolefin Unit
* Olefin Unit
* Off-Site Utilities

**GAS:**

*A SABIC Affiliates In Yanbu*

* AIR SEPARATION UNIT

**Out Site Projects :** ARAMCO-SABIC Fuel Gas Metering Skid & Pipe Line Project at SABIC, Yanbu, KSA.

* SABIC-OBAICAN Cross Country Gas Pipe Line Project at SABIC, Yanbu, KSA.

1. ***Organization: -Grundfos Pump India Pvt. Ltd. New Delhi; India***

(Design Manufacturing & Construction Co. in the Field of Pumps; Pumping Station for Water Treatment Plant, Irrigation& Sewage Water, Fire Fighting, Domestic& Industrial Service. etc.)

* Designation **: Sr. Engineer- Project**
* Duration **:0.7yrs (November' 2007 ~ Jun' 2008)**

**Nature of Work: -**

* Selection of Pumps according suitability for various Projects (ETP & MEP).
* Sizing & Design Calculation of Piping System for various project according Code & Standard.
* Design & Detailed Engineering for Piping, Fittings Valves, Instruments, Supports, as per in compliance with international codes and standards.
* Preparing Drawings (Plot Plan, Piping GA; Isometric DWG; ) & Take off BOM/ BOQ for Procurement
* Stress Analysis for Piping, Related Pumping Station, ETP, HVAC & Fire Fighting Station.
* Preparing Front End Engineering Design (FEED) Package for Techno Commercial Bid.

**Accomplishments:**

*Execute Piping Design Package for Maldives Island’s Water Pumping System Project.*

*2 Nos HVAC Piping System for shopping mall in Noida.*

1. ***Organization – Mectech Process Engineers Pvt. Ltd New Delhi; India.***

( **EPC** Company in the Field of Chemical, Vegetable Oil Refinery, Glycerin & Bio Diesel Plant)

* Designation - : **Project Engineer (Design)**
* Duration **: 3.0 yrs. (Oct. 2004 ~ Oct.2007*)***

**Nature of Work:**

* Design & Detail Engineering for Pressure Vessel; Reactor, Column; Crystallizer, Bullets, DEO, H.E; Filters, As per **ASME SEC-VIII; Div.-1&2, IBR; TEMA**, etc.
* Design & Detail Engineering of Plant Piping / Pipelines in compliance with international codes **(ASME, B31.1, B31.3, B31.4 & B31.8)** and standards.
* Design & Detail Engineering for Tanks as **Per API-620 & API-650.**
* Preparation of overall Plot Plan; Equipment Layout; Piping GA; Isometric; Pipe supports; Structure Layout for Equipment’s Supports; Fabrication Drawings for Column, Vessel &Tanks.
* Preparation of BOQ /Material Take-off (MTO) for Piping, fittings, **Valves**, specialties, fasteners, hangers, supports, insulation and painting, Static Equipment, Heat Exchangers, Tanks, and Structures.
* Co-ordination with other Department, Fabrication Workshop; Construction & Commissioning Team for technical supports ongoing Projects.
* Prepare Material Requisitions, technical bid evaluations, and supplier Dwg & document review for various engineering Equipment’s (Pumps, Plate Heat Exchanger; Filters, Vacuum Equipment; Compressor).
* Preparation of all Drawings & documents up-to the final IFC stage, (Plot plans, piping plans, isometrics, locations plans, pipe support standards, Equipment GAD; material specifications and other relevant drawings and specifications.)
* Preparation of “As Built” Drawings and other documents.

***Major Achievements:***

*Successfully Worked on 14 No of Projects In India And aboard [(I) Adamjee Oil Extraction Ltd.-Sri Lanka; (ii) Sri Chirag Oil Pvt. Ltd. Sri Lanka; (iii) Palm Proteins –Srilanka;(iv) Ruchi Infrastructure –Bombay; (v) Ruchi Group –Kakinada (vi) Ambo Agro Oils Pvt. Ltd. –Haldia; (vii) Green Fuels Pvt. Ltd. BuzBuz –Kolkata (viii) Sheel Chand Agro Oils Pvt. Ltd. –Rudrapur, Uttaranchal; (ix) ABC Groups–Rajpura Punjab. (x) Suraj Solvex, Extractore- Rajpura (xi)* Ganpati*Vanaspati*Pvt*.*Ltd*.–Nepal. (xi) Kusum Oil Pvt. Ltd –Nepal (xii) Gujarat Abuja –Kadi (xiii) Shree Shita Oils Refinery – Drug. (xiv) Kalyani Solvex Extraction. Pvt. Ltd. Malda –W.B*

# PREVIOUS WORK EXPERIENCESUMMERY

**Aug’2000 to Sep’04 Superintendence Co. India Pvt. Ltd., New Delhi as Jr. Engineer -Inspection**

**Sep’97 to July’2000 R.M. Sinha& Co., Kolkata, West Bengal as Construction Engineer**

# ORGANIZATIONAL EXPERIENCE IN DETAILS

1. ***Organization :-Superintendence Co. of India Pvt. ltd – New Delhi ;INDIA***

(Inspection QA/QC & Consultancy Co. in the Engineering Field)

* Designation **: Jr. Engineer-(QA/QC Inspector.)**
* Duration **: 4.0 yrs (Sept. 2000 ~ Sept. 2004**.

**Nature of Work:**

* Quality Inspector (Third Party) as Per BIS, ASME, API, Standard for Pipes; Pipelines; Pipe Fittings; Valves, Pumps & Equipment(Heat Exchanger, Vessels, etc)for various Projects under IOCL; NTPC; W.B.S.E.B; IFFCO; U.P.S.E.B; GAIL: ASSAM GAS; Etc.

1. ***Organization: -R.M. Sinha & Co. Kolkata. INDIA***

(Design Consultant & Construction Co. in the Field of Hydel-Power Plant; Thermal Power Plant & Irrigation Department)

* Designation **: Construction Engineer**
* Duration **: 3.0 yrs (Sept. 1997 ~ Aug.2000)**.

**Nature of Work:**

* Project Planning Monthly/weekly /daily, Scheduling for construction, Monitoring Progress as preset schedule and time Frame, for Construction, Fabrication, and Erection, Commissioning Job.
* Review of Project specification, Codes & standard, Scope of work, Drawings, Plat Layouts,
* Mobilization of Manpower, Material Requisition, cash- flow statements, Site Management,
* Preparation of Progress Report, Monitoring of incoming erection material movement as per plan and Monitoring
* Involve in Preparation of FEED &Detailed Engineering Drawing for Water Pipe lines; Sluice Gates; Regulating Gates; Gantry Cranes; & Related Equipment for Hydel Power Project; Thermal power Project; Irrigation Dept. Barrage Dam Etc.
* Preparation BOQ/MTO, Raising Material Requisition for Piping, Mechanical Equipment, Related Structure.
* Co-ordination with other Department, Fabrication Workshop and liaise with the Client on detail engineering requirements
* Handling all piping technical queries and investigating all field pipe work related problems, including the drawing of field sketches when necessary
* Responsible for carrying out Mechanical Clearance, Conducting Hydro and Pneumatic tests, fulfilling commissioning and Pre-Commissioning requirements for the project.
* Ensure that all Punch list items are resolved; client handover is satisfactorily concluded.
* Preparation of “AS BUILT” drawings.

***Major Achievements:***

*Successfully Execute Five Project at Site :-*

*01) (Testa Canal Fall Hydraulic Power Project*-***3x3x7.3MW (67.3.MW)*** *[Penstock Pipe Line; Sluice Gates and Gantry Crane; Hydraulic Power Pack System for Gate Regulation] W.B.*

*02) Bakreswar Thermal Power Project-****5 x 210 MW*** *Coal Fired, [Pipe Line; Sluice Gates and Gantry Crane] W.B.*

*03) Jaldhaka Hydel Power Project -***3x9 MW (27MW)*;***

*04)DVC Tilaiya Dam Hydel Project-***2x2 MW (4MW)*;*** *(For Maintenance of Gates; Penstock Pipe Lines).*

*05****)*** *Mitsubishi Heavy Petro-Chemical-for Onshore Pipe Lines,HaldiaW.B.*

**Industrial Training: 1 Month**

**One Month Industrial Training from Durgapur Steel Plant, Durgapur; W.B.-INDIA.**

**Educational Qualification**

* B. Tech. (Mechanical Engineering) from KSOU, Mysore, Karnataka, India in 2015
* Mechanical Engineering (dip.) from West Bengal State Council of Technical Education in 1997
* 12th from Netaji High School, Agarpara; Kolkata, [W.B.C.H.S.E.](http://wbchse.nic.in/) in 1994
* 10th from Belgharia Trivasa Academy High School, kolkata W.B.B.S.E in 1992

**Professional Qualification**

**Computer Proficiency -** MS-Office (Word, Power Point, Excel, Other)

Auto-Cad Certification Course from Micro-tech Training Center- Kolkata.

Training on Design. Software- **PV-Elite, CODEWARE COMPRESS, ETANK, CAESAR-II, SP3D; SPF, Auto Cad; Micro Station: PDMS; HTRI, NozzlePRO. Solid works.**

**Personal Details**

Father’s Name - Late Hriday Kr. Sarkar.

Sex - Male

Marital Status -Married

Nationality - Indian

Language Known -English, Hindi, Bengali. Arabic

Pressent Add.:- Flat No. T-7 Block -C , Vandalure Park Residency ; GST Road ; Urrapakkam,

Chennai- 603210. Taminadu, India.

Permanent Add.:- KaminiKunja , M.B Road , Nimta

Kolkata-700049. India.

**Interest**

Traveling& Listening Music, Reading books, Fishing; Long Drive. Learning New Technologies / Software etc.

**Personality Strength**

Sense of Responsibilities & Interest; Hard work; Positive Attitude; Optimistic.

**References**

To be provided if desired.

**Declaration**

I hereby declare that above given information’s are correct & true to the best of my knowledge.

**(Vivekananda Sarkar)**

Place: Ahmedabad, India

Date: \_\_\_\_\_\_\_\_\_\_\_