

Mr. GANESH VENKATRAO GAIKWAD

Current Organization : -	VA TECH WABAG	
Location:-	Pune, Maharashtra, India	
Current Position:-	Principle Engineer-Electrical	
Overall Experience	12 Years	TATA Consulting Engineers Ltd – 11 Years, 03 Months
		TOYO Engineers India Pvt. Ltd. – 05 Months
		VA TECH WABAG – 04 Months
Email Address	ganesh.vjti@yahoo.co.in , nitinsachingg@gmail.com	
Academic Qualification	B. Tech. (Electrical Engineering) From V.J.T.I.	

EXPERIENCE SUMMARY:

Worked with TATA Consulting Engineers Ltd., TOYO Engineers India Ltd., VA TECH WABAG & having total of **12 years** of experience. Self-demonstrated capabilities in handling Power System Study projects & Detail Engineering.

RESPONSIBILITIES INCLUDE:

As an Electrical Engineer, working as a part of Project team, individually & jointly performed following system studies & engineering activities during & after design stage of projects:

- Performed power system studies which mainly include load flow, short circuit, relay coordination, motor starting, transient stability, Harmonic analysis etc.
- Project managements from the start of the project, preparing timelines, conducting meetings, interdisciplinary coordination, invoicing etc. Also, business developments to win the jobs from the customers, negotiations etc.
- Preparation of Electrical Concept Note, Technical Specifications for HT Indoor Switchgear, Distribution Transformer, MV/LV Indoor Switchgear, MV/LV Cables, Busduct, UPS system,

Battery & Battery charger, Small Power and Lighting Distribution Boards, Lighting system, Electrical requirements for Mechanical Packages etc.

- Technical Bid Analysis and Vendor Recommendations for all above mentioned electrical equipment's.
- Preparation of Load list/DB sizing, Design Calculations for Fault Level, Voltage Drop, Transformer/DG sizing, MV/LV Cable Sizing, Battery Sizing, Earthing & Lightning protection etc.
- Preparation of Key Single Line Diagram, Main & Auxiliary Single Line Diagrams for MV and LV distribution, various cable schedules and interconnection schedules.
- Preparation of Cable Routing, Electrical Equipment room GA, Lighting & Receptacle, Earthing & Lightning Protection Layouts.
- Witnessed testing and inspection of LV/HV switchgear panels/ Transformer/ Motors/ VFDs/ SS at Manufacturer's works.
- Co-ordination with other disciplines and vendors/client for timely execution of engineering activities.
- Vendor drawing review of all electrical equipment's.
- Project cost estimation

MAJOR POWER SYSTEM STUDY PROJECTS INDIVIDUALLY HANDLED:

Sr. No.	Project Description	Client	Role	Year
TATA Consulting Engineers Ltd. From 2008 to 2019				
1	Power system study of IOCL Mathura, UP, India	BHEL (Bharat Heavy Electricals Limited)	Working Engineer	2008-2009
2	Power system study For ONGC (Oil & Natural Gas Corporation) At Mangalore Aromatic Complex Project, Mangalore.	ONGC (Oil & Natural Gas Corporation)	Working Engineer	2009-2016
3	Power System Studies for a 1 x 30 MW Captive Power Plant (CPP) in Zambia	Dangote Industries Zambia Ltd (DIZL)	Project Engineer	2013-2014

4	Power System Studies for a 3 x 25 MW Captive Power Plant (CPP) in Tanzania	Dangote Industries Tanzania Ltd (DITL)	Project Engineer	2014 – 2016
5	Power System Studies for a 3 x 30 MW Captive Power Plant (CPP) in Nigeria	Benue Cement Company of Dangote Industries Nigeria Ltd (BCC_DINL)	Project Engineer	2014 – 2016
6	Power System Studies for a 1 x 30 MW Captive Power Plant (CPP) in Senegal.	Dangote Industries Ltd (DIL)	Project Engineer	2014 – 2016
7	Power System Studies for a 1 x 50 MW Captive Power Plant (CPP) in Yemen	Hoban Power House	Project Engineer	2014 – 2016
8	Relay co-ordination for TOYOTA Kirloskar motor private Limited Bidadi Plant	Toyota Kirloskar Motor Pvt. Ltd.	Project Engineer	2012
9	Power System Studies for a 1x 20 MW Coal Fired Captive Power Plant of M/s MWV India Paper Board Packaging Private Limited – Vapi Gujarat	MWV PBPPPL India	Project Engineer	2015-2016
10	Relay coordination study of MRF Trichy Plant	MRF Trichy	Project Engineer	2012-2013
11	Relay coordination study of MVML Plant Chakan	MVML (Mahindra Vehicle Motor Ltd)	Project Engineer	2012-2013
12	Relay coordination study of GBMCL Plant Khalapur	GBMCL (Godrej & Boys Manuf. C Ltd)	Project Engineer	2018-2019
13	Relay coordination study of John Deer Plant Dewas	John Deer	Project Engineer	2016-2017
14	Power System Studies IOCL Paradip	Toyo	Project	2019

			Engineer	
15	IOCL (Panipat, Haldia, Bogaigaon, Gujrat) 6.6kV Side relay coordination Study	ABB	Project Manager	2018-2019
16	BMRCL 33kV side relay coordination study	ABB	Project Manager	2019
TOYO Engineers India Pvt. Ltd. From 2019 to 2020				
1	Power system study of HURL (Hindustan Urvarik Rasayan Ltd) Gorakhpur, UP, India	HURL (Hindustan Urvarik Rasayan Ltd)	Engineer	2019

MAJOR ENGINEERING PROJECTS JOINTLY HANDLED:

Sr. No.	Project Description	Client	Role	Year
TATA Consulting Engineers Ltd. From 2008 to 2019				
1	Architectural, Structural, Civil, MEP & Allied Services Design Consulting Works for Construction of for Tata Advance System Limited, Hyderabad	TASL	Working Engineer	2010-2011
2	Providing engineering activities for proposed project of MVML	MVML	Working Engineer	2013-2015
3	Gujarat Water India Limited / GWSSB	GWIL/GWSSB	Working Engineer	2013-2015
4	Architectural, Structural, Civil, MEP & Allied Services Design Consulting Works for Construction of for TATA Boeing Aerospace Ltd, Hyderabad	TATA Boeing Aerospace Ltd.	Project Engineer	2015-2017
5	Water Supply & Sewerage Project Department, 500 MLD WTP AT	PMC	Working Engineer	2012-2014

	Parvati, Pune			
6	Providing CES (Consulting Engineering Services) to Proposed Expansion project BIPL (Bekaert Industries Pvt. Ltd) at Ranjangaon	Bekaert Industries Pvt. Ltd	Working Engineer	2011-2012
7	Home office Services for India Technical Centre (ITC) Project at Kothrud, Pune	Cummins India Ltd	Working Engineer	2013-2014
8	Design Engineering services for Embassy Industrial Plant at Bilaspur, Gurgaon	Embassy Industrial Park Pvt. Ltd.	Project Engineer	2016-2018
9	Design Engineering services for Embassy Industrial Plant at Farukhnagr, Gurgaon	Embassy Industrial Park Pvt. Ltd.	Project Engineer	2018-2019
10	Design Engineering services for Embassy Industrial Plant at Hosur, Tamilnadu	Embassy Industrial Park Pvt. Ltd.	Project Engineer	2018-2019
11	Design Engineering services for Myntra at Bilaspur, Gurgaon	Myntra	Project Engineer	2018-2019
12	Preliminary Engineering services for ITC	ITC	Project Engineer	2018-2019
13	Design Engineering services for ONGC, Kakinada	ONGC	Project Engineer	2018-Ongoing
14	Design Engineering services for TATA Sikrosky, Hyderabad	TATA Sikrosky	Project Engineer	2017-2018
15	Feasibility Studies of existing Toyota Plant (OPEX Jobs)	Toyota Bidadi	Project Manager	2015-Ongoing
16	Design Engineering services for Embassy Industrial Plant at Kolkata	Embassy Industrial Park Pvt. Ltd.	Project Manager	2017-2018

17	Design Engineering services for SAFIRA ARAMCO Yard at Ras Al Khair, Saudi Arabia.	McDermott	Project Engineer	2019-Ongoing
TOYO Engineers India Pvt. Ltd. From 2019 to 2020				
1	PMC Services for IOCL Paradip, Orissa	IOCL	Engineer	2019-Ongoing
VA TECH WABAG From 2020 to Ongoing				
1	EPC of Water Treatment Plant at Zarat, Tunisia of Capacity 50,000 Meter Cube/Day Extensible To 100,000 Meter Cube/Day	SONEDE, Zarat, Tunisia	Engineer	2020

MAJOR CLIENTELE:

Toyota, Thermax, Mahindra, Embassy Industrial Park, Mahindra, Myntra, ITC, Toyo, L&T, IOCL, ONGC, HURL, TATA Advance System Ltd., PMC, GWSSB/GWIL etc

TECHNICAL PROFILE:

Technical proficiency in following **Power System studies:**

Load flow analysis, Short circuit analysis, Motor starting analysis, Transient stability analysis, Relay co-ordination, Insulation Co-ordination, Harmonic Study, UDM Generator Exciter & Governor Modeling, Feasibility studies for existing facilities (OPEX Jobs)

Technical proficiency in **Detail Engineering Design:**

Preparation of Electrical Concept Notes, Design Basis Report, Tendering (Transformer, HT Switchgear, LT Switchgear, Electrical Supply & Installation work, all equipment sizing Calculations, Fault level calculations, Preparation of Single Line Diagrams, Substation Equipment Layout, Cable scheduling, Earthing and lightning protection system layouts, Lighting design for indoor and outdoor applications, Receptacles layout, Vender Drawings Review (e.g. Transformer, HT Switchgear, LT Switchgear, Motors & all electrical equipment's etc)

SOFTWARE TOOLS

- Power System Softwares: ETAP, ATP (Alternative Transient Program), SIMARIS, My ECODial etc

- Lighting softwares: DIALux, CALCULux , CGLux,
- Drafting softwares: CADian, AutoCAD, Microstation

PERSONAL DETAILS

Date of Birth	26th August, 1986
Gender	Male
Marital Status	Married
Contact No	Mob- +91-9730951558, +91-9373099084
Languages Known	English, Marathi, and Hindi
Permanent address	Flat No. 01, Wing C-6, Ground Floor, Vedant Co-operative Hsg Society, Near Abhinav College, Pashan-Sus Road, Pune - 411 021

DECLARATION

I hereby declare that the above information is true to the best of my knowledge and belief.

Place: Pune

Date: 10/12/2020



Mr. Ganesh Venkatrao Gaikwad