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| **Skills & Expertise Area :** |
| * Oil filled Transformer Designed from **100 kVA 11kV to till 500 MVA, 400kV,** Cast Resin& VPI transformer up to10 **MVA, 33kV.** * Design of Multipulse-drive application& Solar application transformer. |
| * Led Design & Development team of **16 peoples** for Oil filled, Dry typeTransformers& Compact Sub Station. |
| * Reduced the Cost of poor quality for marketing, purchase, design, QA and Production processes through **Lean Six Sigma methodology.** |
| * **Increased technical level** of design, marketing and operation team through systematic training |
| * **Implemented ISO 9001:2015** with risk assessment and result orientated process approach. |
| * Developed & Established **Design Manual and Training Manual** for Oil Filled Transformer. |
| * Reviewed,finalizedandstandardizedMaterialspecification,orderingsheet formaterial &shopfloorinstruction |
| * Technicalassistance &guidancetoproduction,purchase,Quality&testing,servicingdepartment. * Team development through strategic and systematic training based on skill matrix aligned to the company goals. |

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| **Business/Organization Development Activities:** | | | | | | | | | | |
| **SN** | | **Project Description** | | | | **Presentation to** | **Location/Company** | | | |
| 1 | | Hoshin Chart – Strategic approach to deploy company’s Objective | | | | HODs of all Sections | Unimag Power Transformer | | | |
| 2 | | Implementation of Lean Concept | | | | All the staff | Unimag Power Transformer | | | |
| 3 | | Transformer Maintenance & itseffect | | | | KARAAMA,Qatar | Federal Power Transformer LLC, UAE | | | |
| 4 | | Transformer failure and diagnosis | | | | KOC,Kuwait | Federal Power Transformer LLC, UAE | | | |
| 5 | | Transformer for Explosive Atmosphere (ATEX Certified) | | | | ADDC,AbuDhabi | Federal Power Transformer LLC, UAE | | | |
| 6 | | Transformer life assessment based on failure, diagnosis methodologies & analysis | | | | Design Team | Federal Power Transformer LLC, UAE | | | |
| 7 | | Transformer Designing concept and understanding | | | | Design Team | PME Power Solution; Universal/Unimag Power Transformer/HPS | | | |
| 8 | | Presentation on PEN system to control & monitor CTQ of transformer | | | | All the staff | Crompton Greaves Ltd | | | |
| 9 | | Design Training for Core, Winding, OLTC, Insulation, Impedance, Testing | | | | R & D team | Crompton Greaves Ltd | | | |
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| **Achievements & Development Projects:** | | | | | | | | | | |
| **SN** | | **Project Description** | | **Impact on Cost/Quality/Productivity** | | | | **Location/Company** | | |
| 1 | | Increased Order booking by design optimization & Sales Quotation Software | | 19 Million Dollar order booked within 6 months | | | | Virginia Transformer, USA | | |
| 2 | | Established New method of Counter shield winding for Impulse Distribution | | 3% VAR cost reduction; Winding time reduced by 33%. | | | | Virginia Transformer, USA | | |
| 3 | | 132 kV Power Transformer order for UPPTCL through design optimization | | 40 Nos. of Order Received 1st time direct order received from Utility | | | | PME Power Solution Ltd, G Noida, UP | | |
| 4 | | 25/30 MVA SEC specification Short Circuit test at KEMA | | Vendor Qualification and Order Booking, Prove Technical Strength | | | | Federal Power Transformer LLC, Abu Dhabi, UAE | | |
| 5 | | 20 MVA OMAN specification Short Circuit test at KEMA | | Vendor Qualification and Order Booking, Prove Technical Strength | | | | Federal Power Transformer LLC, Abu Dhabi, UAE | | |
| 6 | | 8 MVA & 15 MVA ATEX Certified Transformer from DNVGL | | Qualify to supply for offshore/onshore platform | | | | Federal Power Transformer LLC, UAE | | |
| 7 | | Counter Shield Winding - SOP for design & production. | | Existing productivity increase by 66%. | | | | Unimag Power Transformer Pvt. Ltd, | | |
| 8 | | Reverse Engineering and failure rectification for 250 MVA, 230kV | | Enhance repair/refurbished capacity and increased profit. | | | | ATEF Large Power Transformer LLC | | |
| 9 | | Successfully manufactured 125MVA, 330kV Class transformer. | | Enhance Company’s product range. | | | | ATEF Large Power Transformer LLC | | |
| 10 | | Stray loss Analysis and reduction of losses for Dist. Transformer and Medium Power Transformer. | | Improvised Performance and/or product cost reduced | | | | Virginia Transformer, USA / Unimag Power Transformer Pvt. Ltd | | |
| 11 | | Competitive quotation software for sales team covered standard ratings till 230 kV transformer (105 designs) | | Order booking increased, Customer response improvised. | | | | Virginia Transformer, USA | | |
| 12 | | Dynamic price list for IS 1180 | | Increased Order booking, Improvised Customer response. | | | | Unimag Power Transformer Pvt. Ltd | | |
| 13 | | Implemented PEN system (CTQ monitoring) | | Improvised product quality and reduced Customer complaints | | | | Crompton Greaves Ltd | | |
| 14 | | Implement Lean Concept | | Quality & Productivity Improvised | | | | Unimag Power Transformer | | |
| 15 | | Multi conductors design changed to Foil Design (LV winding). | | Raw Material saving by 3.5% - 6%, Improvised Production Delivery Index | | | | Unimag Power Transformer | | |
| 16 | | SOP for Phase shifting, Multi winding Design (Furnace, Solar & Wind) | | Reduction in Design Error | | | | Federal Power Transformer LLC, UAE | | |
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| **Professional Journey and summary of Milestones:** | | | | | | | | |
| **Working Span** | | **Designation** | | **Company Name** | | | | **Location of Company** |
| Dec-21 to till date | | Head of Engineering | | Hammond Power Solutions Ltd | | | | Hyderabad, India |
| March-20 to Nov-21 | | GM- Engineering | | Unimag Power Transformer Ltd | | | | Bangalore, India |
| May-19 to Feb-20 | | Design Consultant | | Independent Design consultant | | | | Baroda, Gujarat, India |
| June-18 to May-19 | | Technical Director | | ATEF Large Power Transformer | | | | Baku, Azerbaijan |
| May-16 to May-18 | | Head of Design | | Federal Power Transformer | | | | Abu Dhabi, UAE |
| June-14 to April-16 | | Head of Engineering | | Universal Power Transformer | | | | Bangalore, India |
| Nov-12 to Dec-13 | | Team Leader | | Virginia Transformer Pvt Ltd | | | | Roanoke, USA |
| May-10 to Oct-12 | | GM-Technical | | PME Power Solution Pvt Ltd | | | | G. Noida, UP, India |
| April-08 to April-10 | | Executive Engineer | | Crompton Greaves Ltd | | | | Bhopal, India |
| Aug-06 to March-08 | | Jr. Engineer | | EMCO Ltd | | | | Jalgaon, Maharastra, India |
| Jan-04 to July-06 | | Jr. Engineer | | GEB (State Government) | | | | WTPS, Gujarat, India |

**Academic and Certifications:**

* Bachelor of Engineering in Electrical Field from Sardar Vallabhbhai Patel Institute of technology, Vasad which is affiliated with Gujarat University, Ahemdabad.

**Passed in year of 2003 with Distinction and honor with Gold Medal & Rank Certificate**

* Certificate for **Lean Six Sigma** from Simplilearn Education Institute in year 2021 includes following:
* Certificate for Lean Management
* Certificate for Lean Six Sigma Green Belt
* Certificate for Lean Six Sigma Black Belt
* Certificate for Lean Six Sigma Expert
* Lead Auditor Course for ISO 9001:2015 from Udemy.