

## Er. Y V JOSHI



### : BIODATA :

<b>Name</b>	: JOSHI	YOGESH	VISHNU
	(Surname)	(First Name)	(Father's Name)
<b>Date of Birth</b>	: 17 - 07 - 1962		
Educational Qualification	: BE (Electrical)		
Year in which obtained.	: 1984		

E-mail : [yvj17@yahoo.co.in](mailto:yvj17@yahoo.co.in); yvj1707@gmail.com

Mobile : 9925208091

Residence: A 11/502, Samanvay Sapartshi, Old Mega mall store, Near Monalisa complex, Manjalpur, Vadodara - 390011

Office: B-419, Monalisa Business Complex, near old Mega mall store, Manjalpur, Vadodara

**Professional Experience** : **39 YRS**

**Technical Papers presented** : **21 Nos.**

➤ **Posts Held**

- Former **Head** Engineering Department, **GETCO**
- **Secretary**, Society of Power Engineers (I) Vadodara
- Past **President**, **ERDA**, Vadodara
- Past Vice President, ERDA
- Past **National Executive Council Member**, IEEMA

➤ **Membership of Professional Institutions:**

- 1) Life Member of Society of Power Engineers
- 2) **Lead Auditor ISO 9001:2008 from BVQI – TUV (2016-2020)**
- 3) Distinguished Member, **CIGRE**

➤ **Association with IEEMA, BIS, CBIP & CBIP:**

- 1) Organizing committee member: **TRAFOTECH-2018 & e-TRAFOTECH-2020**
- 2) Advisory Committee Member – **TRAFOTECH Global 2023**
- 3) Nodal officer for IEEMA **Transformer standardization manual** No. 25 (2014)
- 4) Leading the team of **TISCO** for finding Technology gap for the task of Govt of India to increase R&D expenditure in India taken by **IEEMA**.
- 5) Technical committee member – TRAFOTECH 2012, 2014
- 6) Technical committee member – TECH-IT 2014
- 7) Technical committee member – CAPACIT 2014

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- 8) Technical committee member – SWICON 2015, 2020
- 9) Tech committee member: SURGEPROTECH 2016
- 10) Technical committee member – **TECH-IT 2019**
- 11) Technical committee member – **CAPACIT 2019**
- 12) Guest of Honor – **INSULEC 2019**

### ➤ **Empanel to Government Committees:**

- 1) Member BIS committee: ETD 16 (Transformer)
- 2) Member BIS committee: ETD 30 (Surge Arrester)
- 3) Member BIS committee: ETD 34 (Instrument transformers)
- 4) Member BIS committee: ETD 01 (Basic Electrotechnical Standards)
- 5) Member BIS committee: ETD 08 (Swgrs)
- 6) Technical committee member – CPRI Switchgear International conference Dec 2013
- 7) Technical committee member – CPRI - 2<sup>nd</sup> International Conference “*Innovation and Best Practices in Transformer Design, Testing and Maintenance*” 2014
- 8) Technical member – SWITCHCON 2016 (CPRI)
- 9) Technical committee member – SWITCH 2016 (Govt of Gujarat)
- 10) Evaluator – Smart India Hackathon 2019 (Govt of India)

### ➤ **CIGRE**

- 1) Member – CIGRE (NSC - A2 Transformer)
- 2) Member – CIGRE (NSC - A3)
- 3) Member – CIGRE (NSC - B2)
- 4) Member – CIGRE (NSC - B3)

### ➤ **Central Board of Irrigation & Power, New Delhi**

- 1) Member of expert committee on CBIP transformer manual 2013
  - 2) Member of **expert committee** on CBIP transformer manual 2019
  - 3) Member to Mr. A B Pandya Committee to review the Objectives, Functions and Activities including finance of CBIP.
- 

### ➤ **MAJOR PROJECTS (COMPLITED)**

- 1) Transformer Loss optimization 2002 & 2017 - comparative savings. 66 kV class = NLL reduced from 7.7 kW to 7 kW; FLL reduced from 42 to 38 (10 MVA) and 64 to 56 kW (15 MVA) – Saving in losses of (10 to 12%)  
**Per transformer saving - NLL = 0.7 kW x 333000 = Rs. 2,33,100/-**  
**- FLL = 8 kW x 136000 = Rs. 10,88,000/-**
- 2) Fixed losses for Power transformers 66 kV and above - quality at par (**Elimination of loss capitalization**) – *First move in India*
- 3) IEEMA Transformer Standardization manual - Nodal officer 2012 – 2014
- 4) Central Electricity Authority of India (CEA) for National Manual 2018.
- 5) Expert committee member of CBIP transformers manual 2012, 2019
- 6) Optimization of Tan delta value of CT & PT (from 0.7% to 0.3%) - **first time initiated in India**
- 7) **600 multiple chopped test** on EHV class CTs. - **first time in India.**
- 8) Development of algorithm for Health Indexing of EHV class **transformers** – Online implementation for more than 4000 nos of 66 and above class power **transformers.**
- 9) Repair, Refurbish, Retire guidelines for **transformers** and other equipments.

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- 10) Overhauling algorithm for power **transformers**
- 11) Failure investigations methodology and process for all equipments.
- 12) **Ester** filled 66 kV class transformers- **adopted first time in India.**
- 13) **Ester** filled transformers up to 20 MVA, with extended ratings- **Innovative concept- first in India.** (15 MVA – 21 MVA); (20 MVA – 28 MVA)
- 14) Manufacturer evaluation methodology developed in GETCO - **Transformer & GIS**
- 15) Monitoring and control over equipment failure policy established in GETCO.
- 16) PNRV typical issue of Nitrogen Injection Fire Protection system for transformer- **unique solution**
- 17) Study and **adoption of RIP bushings** aspect for 66 - 220 kV class.
- 18) **Transferred surge test** on power transformers introduced after detailed study, **first of its kind in utilities.** (2009)
- 19) **Reverse engineering techniques** developed for various kinds of issues due to poor quality. – First case: Transformer failed in FAT
- 20) Introduced limit switch for **Pressure relief flap** operations of VCB.
- 21) Member to develop **standard bus bar configuration** for VCBs – elimination of adaptor panel
- 22) Standard foundation for all make SF6 CBs up to 220 kV - savings in time and money.
- 23) **Performance Engineering-** Part Implementation. [Equipment, Vendor & sub vendor]
- 24) Development of **unique** solution / **formula** for staff set up.
- 25) Root cause analysis for all EHV class equipments- competency dev.
- 26) Post training feedback & implementation mechanism developed.
- 27) **Design review initiated first time in Indian STU.**
- 28) Implementation of StatCOM.
- 29) Study of Control Switching Device in different perspective - saving transformers or reactors to fail due to repeated live operations.
- 30) Minimization of losses of 66 – 220 kV class Disconnector
- 31) **Unique automatic documents tracking system for electrical transmission utility – e-TrackDoc**
- 32) Dynamic line rating – Specification to Implementation

**Er. Y V JOSHI**

**PROFESSIONAL:**

1. Senior Technical Expert to M/s. **Yash Highvoltage Ltd.** Halol (2020 onwards)
2. Project Advisor to India Copper Association, Mumbai
3. Sr Technical Advisor, Savita Oil Technologies, Mumbai
4. Sr Tech Advisor, Green Electricals
5. Director Technical, Knowledge Cluster, Mumbai.

THANKS

**BIODATA**

**Name** : Jagdale Sanjay Gulabrao

Educational Qualification : BE (Elect) DMM

E-mail : [sgjagdale@savita.com](mailto:sgjagdale@savita.com); Sanjay.jagdale@rediffmail.com

Mobile : +917506456622

Address: Savita Oil Technologies Limited, 66/67 Nariman Bhavan Nariman Point Mumbai 400 021

**Professional Experience** : **32 Years**

➤ **Posts Held**

- Sr. General Manager
- **Vice President Marketing and Technical Services**
- Past National **Executive council Member of IEEMA**
- Past Executive Council Member of ITMA

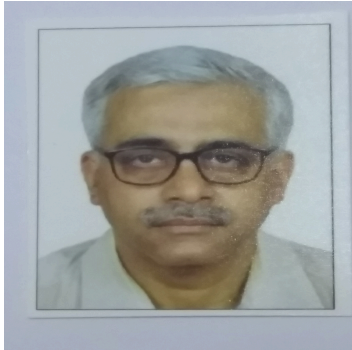
**Empanel to Government Committees:**

- 1) Alternate/Secondary Member BIS committee: ETD 03



Vidwan-ID : 219553

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Profile ( <a href="https://vidwan.inflibnet.ac.in/myprofile">https://vidwan.inflibnet.ac.in/myprofile</a> )
Personal Information
Expertise Information
Experience
Education Qualification
Honours and Awards
Doctoral Theses
Professional Bodies
Membership in Committee
Research Project
Patents
Publications

Academic

**Orcid Id**  
 0000-0003-1680-7565 (<https://orcid.org/0000-0003-1680-7565>)

**Scopus Id**  
 57194843915 (<http://www.scopus.com/authid/detail.url?authorid=57194843915>)

**Google Scholar Id**  
 Z1tF6XMAAAAJ (<http://scholar.google.co.in/citations?user=Z1tF6XMAAAAJ>)



### Vidwan Score

 31  
 ARTICLES

 1  
 BOOKS

 4  
 PROJECTS

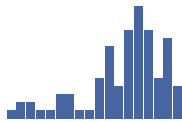
 2  
 AWARDS

## Prof Saibal Chatterjee

Dean

National Institute of Technology, Mizoram


### Publications 2000 - 2023





### Publications

31	1	48	4	2			
Journal Articles	Book	Conference Proceedings	Projects	Awards	5	1	21

### Citations / H-Index

 518  
 CITATIONS

 12  
 H-INDEX

 583  
 CITATIONS

### Altmetrics

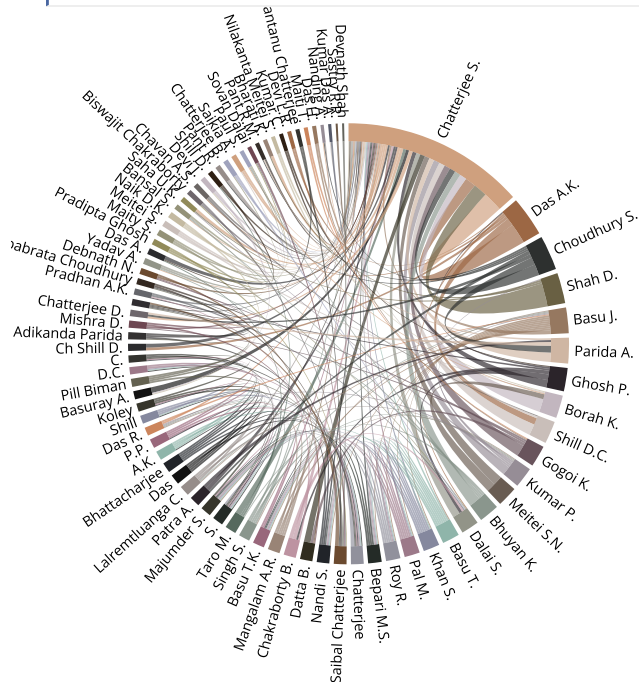
	2
	2
	4
	135

### Google Scholar

 Citation	 H Index	 i-10 Index
889 Total	17 Total	27 Total
680 (2019)	13 (2019)	19 (2019)

**Years**

- 2023
- 2022
- 2021
- 2020
- 2019
- 2018
- 2017
- 2016
- 2015
- 2014



**Expertise**

Electrical and Electronic Engineering

High Voltage, Power Systems

**Personal Information**

Prof Saibal Chatterjee

Male

Department Of Electrical And Electronics Engineering National Institute Of Technology Mizoram


Aizawl, Mizoram, India - 796012



## Experience

2022 - Present	<p><b>Dean</b>   Research and Consultancy            National Institute of Technology, Mizoram,Aizawl</p>
2021 - 2022	<p><b>Director-in-Charge</b>   National Institute of Technology, Mizoram,Aizawl</p>
2018 - 2022	<p><b>Dean</b>   Academics            National Institute of Technology, Mizoram,Aizawl</p>
2018 - 2022	<p><b>Dean</b>   P&amp;D            National Institute of Technology, Mizoram,Aizawl</p>
2018 -	<p><b>Professor</b>   Department of Electrical Engineering            National Institute of Technology, Mizoram,Aizawl</p>
2018 - 2018	<p><b>Dean</b>   Student Affairs            North Eastern Regional Institute of Science and Technology,Papum Pare</p>
2014 - 2017	<p><b>Coordinator</b>   TEQIP            North Eastern Regional Institute of Science and Technology,Papum Pare</p>
2012 - 2018	<p><b>Professor</b>   Electrical Engineering            North Eastern Regional Institute of Science and Technology,Papum Pare</p>
2012 - 2014	<p><b>Engineer</b>   ELECTRICAL MAINTENANCE            North Eastern Regional Institute of Science and Technology,Papum Pare</p>
2011 - 2013	<p><b>Head of the Centre</b>   TRAINING &amp; PLACEMENT CELL            North Eastern Regional Institute of Science and Technology,Papum Pare</p>
2009 - 2012	<p><b>Associate Professor</b>   Electrical Engineering            North Eastern Regional Institute of Science and Technology,Papum Pare</p>
2009 - 2009	<p><b>Assistant Professor - Senior Scale</b>   Electrical Engineering            North Eastern Regional Institute of Science and Technology,Papum Pare</p>
2007 - 2009	<p><b>Chairman</b>   GYMKHANA            North Eastern Regional Institute of Science and Technology,Papum Pare</p>
2007 - 2009	<p><b>Assistant Professor</b>   Electrical Engineering            North Eastern Regional Institute of Science and Technology,Papum Pare</p>
1997 - 2007	<p><b>Lecturer</b>   Electrical Engineering            North Eastern Regional Institute of Science and Technology,Papum Pare</p>

## Qualification

2007	<p><b>PhD</b>   Jadavpur University</p>
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- 1994 MEE  
Jadavpur University
- 1990 BE  
National Institute of Technology, Durgapur

### 🏆 Honours and Awards

2016 FELLOW  
IE (INDIA)

2013 SMIEEE  
IEEE

### 📖 Doctoral Theses Guided

2023 Study and Analysis of Indian Grid  
NERIST, Kamaljyoti Gogoi

2022 Investigation on Ester Oil Based Nanofluid  
NERIST, Dayal Ch Shill

2021 Partial discharge detection in HV oil Filled transformer using various sensors  
NERIST (Main supervisor), Sarakhaibam Nilakanta Meitei

2021 Optimization in Electric Power Exchange  
NERIST, Devnath Shah

2019 Analysis of Various Faults and Electro-magnetic Interference in a Hybrid Corridor of HVAC-HVDC Transmission Lines  
NERIST, BRAJAGOPAL DATTA

2018 Study of Grid Integrated Distributed Generation  
NERIST, SHANTANU CHATTERJEE

2017 Performance of Transformer Oil Based Nano Fluid Under Impulse Voltage for Application in Power Transformer  
NERIST, ANU KUMAR DAS

2016 Balanced Scorecard for Operators of Power Sector in Arunachal Pradesh  
NERIST (co-Supervisor), SHIBABRATA CHOUDHURY

2015 Study of Effects of Standard and Non Standard Impulse Waveforms on Power Equipment  
NERIST, KAVERI BHUYAN

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### 👥 Membership In Professional Bodies

2023 IEEE Smart Village South Asian Group  
Member

2023 IE (India) Mizoram State Centre  
Chairman

2022 IE (India)  
Chartered Engineer



- 2016 INSTITUTION OF ENGINEERS (I)  
FELLOW
- 2013 IEEE  
SENIOR MEMBER
- 2009 ISTE  
Life Member

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## Membership In Committees

- 2024 IEI Mizoram State Centre  
Chairman
- 2023 UGC GUEST FACULTY SELECTION , EE DEPT, MIZORAM UNIV  
Expert Member
- 2023 Temporary Faculty Selection Committee, (IIIT Manipur)  
Expert Member
- 2023 BoS , MTech- EEE High Voltage Engineering curriculum Revision, University College of Kakinada, JNTUK  
Expert Member
- 2023 NAAC Peer team  
Member Coordinator
- 2023 NAAC Peer team  
Chairman
- 2022 NAAC Peer team  
Member Coordinator
- 2022 Temporary Faculty Selection Committee, (IIIT Manipur)  
Expert Member
- 2022 Faculty Selection Scrutiny Committee, (NIT Manipur)  
Member
- 2021 Faculty Selection Committee, (JU)  
Expert Member
- 2021 NAAC Peer Visit Committee  
Member Coordinator
- 2019 NAAC Peer Visit Committee  
Member Coordinator

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## Research Projects

Large Cardamom and other Multilayer Innovative Farming in Mengio Circle of Arunachal Pradesh and its Impact on Sustainable Rural Livelihood

 Funding Agency : G B PANT INSTITUTE OF HIMALAYAN ENVIRONMENT AND SUSTAINABLE DEVELOPMENT (ALMORA)



🔄 Completed   👤 CO PI   ₹ RS. 40 LAKHS   📅 2018 - 2021

## FIST

🏢 Funding Agency : DST

🔄 Completed   👤 PI   ₹ RS. 75.6 LAKHS   📅 2008 - 2015

## System Identification using Wavelet Transform

🏢 Funding Agency : MHRD

🔄 Completed   👤 CO PI   ₹ 9.0 LAKHS   📅 2005 - 2009

## Study of the Condition Monitoring Techniques of Dry Transformers

🏢 Funding Agency : DST-CRG

🔄 Ongoing   👤 Principal Investigator   ₹ 43.88 lakhs   📅 2023 - Continue

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## 📄 Patents

### Novel Fractional order PID based robust controller designing tuned with hybridized GA-PSO algorithm for grid connected photovoltaic system

👤 Chatterjee, Shantanu; Mukherjee, Arghya; Das, Abhijit; Chatterjee, Krishanu; Maiti, Rupam; Mukherjee, Gopal Shankar; Chatterjee, Saibal and Kalam, Akhtar

📄 Patent No. 2021101100   🔍 Engineering and Technology   ✅ Published

📅 Filed 2021-04-07   📅 Published 2021-04-28

### Finite Element Analysis of the Structure and Performance Parameters of Dual Stator Induction Machine in JMAG Environment

👤 Chatterjee, Shantanu; Mukherjee, Arghya; Das, Abhijit; Chatterjee, Krishanu; Maiti, Rupam; Mukherjee, Gopal Shankar; Chatterjee, Saibal and Kalam, Akhtar

📄 Patent No. 2021103248   🔍 Engineering and Technology   ✅ Published

📅 Filed 2021-06-10   📅 Published 2021-07-08

## 📄 Publications (88)

### Experimental investigation on breakdown performance of coconut oil for high voltage application

Das A.K.; Shill D.C.; Chatterjee S.

📄 Article | Electric Power Systems Research, **Volume** 214, **Year** 2023

Cited 3 times in **Scopus**

(<https://www.scopus.com/inward/citedby.uri?partid=114092741&epid=2121108856>)

📄 3   🔄 0   🔄 0   🔄 0



(<https://badge.dimensions.ai/details/doi/10.1016/j.epr.2022.108856?domain=https://vidwan.inflibnet.ac.in>)

## Review on monitoring of transformer insulation oil using optical fiber sensors

Nilakanta Meitei S.; Borah K.; Chatterjee S.

Article Results in Optics, **Volume** 10, **Year** 2023

Cited 2 times in **Scopus**

(<https://www.scopus.com/inward/citedby.uri?partnerID=HzQxM38qg10r10130&scopoid=51098767810231100361>)

2 0 0 0



(<https://badge.dimensions.ai/details/doi/10.1016/j.rio.2023.100361?domain=https://vidwan.inflibnet.ac.in>)

## Exploration of Electrochemical and Thermal Attributes to Evaluate the Performance of Novel Natural Esters

Das, A.K. , Shill, D.C. , Chatterjee, S.

IEEE Transactions on Dielectrics and Electrical Insulation, **Year** 2023

Cited 1 time in **Scopus**

(<https://www.scopus.com/inward/citedby.uri?partnerID=HzQxM38qg10r10130&scopoid=111087436400213025418>)

1 0 0 0



(<https://badge.dimensions.ai/details/doi/10.1109/TDEI.2023.3325418?domain=https://vidwan.inflibnet.ac.in>)

## Blockchain-Based Clean and Green Energy (Pico Hydel Power) Monitoring System

Bhattacharjee, P.P. , Koley, C. , Chatterjee, S.

conference paper 6th International Conference on Communication, Devices and Networking, ICCDN 2022, **Volume** 1037, **Year** 2023, **Pages** 253 - 269

Cited 0 times in **Scopus**

(<https://www.scopus.com/inward/citedby.uri?partnerID=HzQxM38qg10r10130&scopoid=1001797898409198826>)

## Simulation and Real-Time Generation of Non-Standard Lightning Impulse Voltage Waveforms

Ghosh P.; Chakraborty B.; Dalai S.; Chatterjee S.

Conference Paper IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCCE 2022, **Year** 2022

Cited 4 times in **Scopus**

(<https://www.scopus.com/inward/citedby.uri?partnerID=HzQxM38qg10r10130&scopoid=111087436400213025418>)

4 0 0 0



(<https://badge.dimensions.ai/details/doi/10.1109/ICDCCE53908.2022.9792719?domain=https://vidwan.inflibnet.ac.in>)

## Coconut oil for utility transformers – Environmental safety and sustainability perspectives

Das A.K.; Ch Shill D.; Chatterjee S.

Review Renewable and Sustainable Energy Reviews, **Volume** 164, **Year** 2022

Cited 9 times in **Scopus**

(<https://www.scopus.com/inward/citedby.uri?partnerID=HzQxM38qg10r10130&scopoid=111087436400213025418>)

## Lightning impulse breakdown performance of saturated vs unsaturated vegetable oil and their mixtures with mineral oil

Shill D.C.; Das A.K.; Chatterjee S.

Article Industrial Crops and Products, **Volume** 184, **Year** 2022

Cited 10 times in **Scopus**

(<https://www.scopus.com/inward/citedby.uri?partnerID=HzQxM38qg10r10130&scopoid=111087436400213025418>)

## Enhancement of Power Quality by mitigating of sag and swell problem in power system using DVR

Kumar C.;Ghosh P.;Chatterjee S.

Conference Paper IFAC-PapersOnLine, **Volume** 55, **Year** 2022, **Pages** 131-137

Cited 7 times in **Scopus**

([https://www.scopus.com/inward/citedby.uri?partnerID=HzQXm38g15131169468&origin=publication\\_list](https://www.scopus.com/inward/citedby.uri?partnerID=HzQXm38g15131169468&origin=publication_list))

(<http://dx.doi.org/10.1016/j.ifacol.2022.04.022>)

## Simulation and Real Time Generation of Non standard Lightning Impulse Voltage Waveforms

Pradipta Ghosh, Biswajit Chakraborty, Sovan Dalai, Saibal Chatterjee

conference paper ICDCECE-2022, **Year** 2022

(<http://dx.doi.org/>)

## Emotion Recognition from Mizo Speech: A Signal Processing Approach

Mangalam A.R.;Singh S.;Lalremtlunga C.;Kumar P.;Das R.;Basu J.;Chatterjee S.

Conference Paper IEEE International Conference on Distributed Computing and Electrical Circuits and Electronics, ICDCECE 2022, **Year** 2022

Cited 2 times in **Scopus**

([https://www.scopus.com/inward/citedby.uri?partnerID=HzQXm38g15131169468&origin=publication\\_list](https://www.scopus.com/inward/citedby.uri?partnerID=HzQXm38g15131169468&origin=publication_list))

(<http://dx.doi.org/10.1109/ICDCECE53938.2022.9793078>)

### Similar Experts (16553)



**Shabbir Merchant**  
Electrical and Electronic Engineering  
(<https://vidwan.inflibnet.ac.in/profile/415>)



**Bosukonda Murali Mohan**  
Electrical and Electronic Engineering  
(<https://vidwan.inflibnet.ac.in/profile/418>)



**Devendra Jalihal**  
Electrical and Electronic Engineering  
(<https://vidwan.inflibnet.ac.in/profile/580>)



**Paritosh K. Chakraborty**  
Electrical and Electronic Engineering  
(<https://vidwan.inflibnet.ac.in/profile/1233>)



**Amit Patra**  
Electrical and Electronic Engineering  
(<https://vidwan.inflibnet.ac.in/profile/1433>)

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### Same Organisation (38)



**Chaitali Koley**  
National Institute of Technology, Mizoram  
(<https://vidwan.inflibnet.ac.in/profile/142288>)



**Ajmal Koya Pulikkal**  
National Institute of Technology, Mizoram  
(<https://vidwan.inflibnet.ac.in/profile/248015>)



**Bidesh Roy**  
National Institute of Technology, Mizoram  
(<https://vidwan.inflibnet.ac.in/profile/248016>)



**Ricky Lalthazuala**  
National Institute of Technology, Mizoram  
(<https://vidwan.inflibnet.ac.in/profile/248018>)



**Sanasam Vipej Devi**  
National Institute of Technology, Mizoram  
(<https://vidwan.inflibnet.ac.in/profile/248019>)



## ***DEV PRAKASH GOEL***

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DoB: 27 Jan 1950 | New Delhi

Electrical Engineer & Management Graduate

*Chairman & Managing Director*

**CONQUERENT** Control Systems Pvt Ltd

**DHRUVA** Technologies P Ltd | **MADHU** Electricals

*Co-Chairman*

MSME Committee, **PHD Chamber** of Commerce & Industry

*Chairman*

Chaalis Gaon Vikas Parishad, Distt Sonipat



Dev P. Goel is a dynamic, multi-faceted and experienced professional, with an industry experience of 50 years plus. He is operating the business and are now a leading name in North India for all Electrical Substation Equipment solutions. They are known in the industry for innovative and yet simple as well as cost-effective solutions to complex problems of today.

They acquired a principal company ***Dhruva Technologies P Ltd*** in 2016 which is a major player in Earthing & Lightning Solutions, Lightning Detection and Early Warning System for all verticals of Indian Defense (IAF/Army/Navy), ISRO, DRDO, BEL, BDL and other major institutions. Other major clients for the group include AAI, Railways, Various Metros, EIL, GAIL, Smart Cities, NTPC, Indian Army, HFCL, Godrej, Adani, DLF, M3M, Emaar, NBCC, PWD, Hero, to name just a few. They are directly associated as authorized integrators or partners for major electrical giants like ABB, Eaton, Schneider, L&T and Crompton.

Being a Visionary, he is on way to acquire one of the leading OEMs for supply of DG Sets to Indian Defense and Telecommunication sectors, ***Trading Engineers International Limited***.

*Contd.*

*Contd.*

He and his Organization have won the following notable Awards in recent past:

- *National Award for Outstanding Entrepreneurship, 2013 – from **Govt of India**, Ministry of MSME*
- *Distinguished Entrepreneurship National Award for MSME, 2016 – from **PHD Chamber of Commerce & Industry***
- *Industry Achiever Excellence Award, 2020 – from **Philip Kotler Inc. USA***
- *50 Under 50 Nationwide Awards 2021 – from **Business Mint***
- *Small Business Award, 2017 – from **Times Now***
- *24MRC Awards, 2017*
- *Udyog Bharati Award, 2021 – from **India Achievers Forum***
- *Champion of Manufacturing Award, 2024 – from **Times Group***

Mr Dev P. Goel is also involved in a lot of philanthropy work and **CSR** activities like regular and successful events of: Tree Plantation, Organ Donation, Blood Donation, Engineering & MBA Students Counselling & Internship, Village Upliftment & Development, supporting Old Age and Destitute Homes and Anti-Suicide Helpline.

*Given a chance, he can prove to be a valuable asset to the BIS Committee, adding insights on latest Industry developments and required Safety standards.*





**Ms Kanchan Zutshi**

**Director, PHD Chamber of Commerce & Industry**

E-mail: [kanchanzutshi@phdcci.in](mailto:kanchanzutshi@phdcci.in), Mobile: 9818778399

---

**Ms Kanchan Zutshi** is Masters in Law , PGDBM,PGHRM with over 15 years of working in Industry Associations /Chamber of Commerce , interfacing on economic and policy issues with Government authorities and industry , tracking and analyzing various policies related to business environment regulations , legal /MSME and suggesting appropriate modification to Government authorities. Involved in Global Business Development , Capacity Building, Cluster Development , Government Relations Management Liaison with FSSAI , MOFPI, Ministry of Consumer Affairs , Environment and Forests , MSME Ministry at Centre and State levels to communicate industry's voice and vice versa.

**She also heads All India Bread Manufacturers Association and Federation of Biscuit Manufacturers of India** .Ms Kanchan Zutshi has represented Indian Industry in many Government and Parliamentary Committees and has been instrumental in addressing various policy-related issues on MSME, Environment, Women Empowerment , Water and Legal Sectors.

Immensely contributed in organizing various awareness Seminars /Workshops in the field of E-Waste /HAZARDOUS Waste Mgt /Solid Waste Management /Green Buildings/ Intellectual Property Rights/ technology management, industrial engineering, energy/water/material conservation/productivity/ Food Safety standards , industrial ecology, competitiveness of products/sector, firsthand experience in dealing with industry sector related schemes of Central Governments.

Thorough knowledge of acts, rules and regulation and Government policies. Sustainably passionate for adopting holistic approach to the growth and development of the industry and worked at grass root level in various Clusters of MSME for organizing various design , Intellectual Property Rights and energy efficiency events thereby making them globally competitive. Closely Working with all the Stakeholders in the Waste Mgt in India be it Recyclers , Pollution Control Boards and industry members . A team player with exceptional relationship management skills and hands on experience in networking with industries across sectors, Ministries , Govt bodies and NGOs .

Committee Member of FICSI (Food Industry Capacity & Skill Initiative) , Environment Protection Sectional Committee of BIS.

She is also a frequent speaker in various National and International Forums. Represented India in a Workshop in Japan , Tokyo on Reduce , Reuse & Recycle organized by Asian Productivity Organization . Taken various industry delegations abroad with the support of Ministry of MSME International Cooperation Scheme. Participated in IBA The world's leading trade fair for **BAKERY, CONFECTIONERY AND SNACKS . which is held in Munich , Germany.** IBA has been the **meeting point** for **experts** of the **baking, confectionery and snack industry** since 1949.

Participated in IBIE 2016, Las Vegas organized by American Bakers Association .

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## SUMMARY

I am a results-driven professional with 3.5 years of experience specializing in product design and development, value analysis/value engineering (VAVE), cost optimization, customer order management, and continuous improvement. Adept at identifying opportunities for value enhancement and cost reduction. Demonstrated lean principles and methodologies, driving process improvements, eliminating waste, and enhancing operational efficiency. Proficient in project management and execution to deliver on time, increase productivity, and reduce lead times.

## EDUCATION

B. Tech in Mechanical Engineering | **GPA: 9.06**

**COEP Technological University**, Maharashtra, India

August 2017- Sept 2020

Diploma in Mechanical Engineering | **Percentage: 96.06%**

**Amrutvahini Polytechnic, Sangamner**, Maharashtra, India

August 2014- June 2017

## WORK EXPERIENCE

### **Eaton India Innovation Centre (EIIC), Pune**

#### **Engineer**

June 2023 - Present

- Led multiple VAVE initiatives resulting in significant cost savings, including the redesign of a critical component that reduced manufacturing costs by 40%, resulting in annual savings of more than \$ 1M.
- Managed customer orders from initial inquiry to final delivery, ensuring on-time delivery and resolving any order-related challenges. Collaborated with marketing, production, and engineering teams to streamline order processing, resulted in increased customer satisfaction.
- Collaborated closely with customers to understand their requirements and provided tailored design solutions that exceeded expectations. Established strong rapport with key stakeholders, resulting in 40% increase in customer order execution.
- Implemented Design for Assembly (DFA) principles, resulting in a 40% reduction in material waste and a 25% decrease in production costs. Developed standardized design guidelines and conducted training sessions to ensure consistent implementation across the team.

#### **Associate Engineer**

Oct 2020- May 2023

- Developed and deployed automated design tools, such as macros, scripts, and templates, to streamline design workflows, resulting in reduced design cycle time by 20%.
- Ensured product quality and addressed engineering-related issues to support the production line effectively, thereby achieving a 20% improvement in the quality of components coming off the production line. Collaborated closely with suppliers to maintain the high standards of incoming components, contributing to the overall quality assurance process.
- Spearheaded cost reduction initiatives across diverse projects, conducting comprehensive cost analyses and identifying areas for improvement. Implemented cost-saving measures and executed design changes, material substitutions, and process enhancements to achieve targeted cost-out objectives.
- Implemented Lean Six Sigma principles to identify process bottlenecks, leading to a 40% turnaround time reduction in assembly time and a 15% improvement first pass yield.
- Mentored junior design engineers, fostering their professional growth and technical proficiency. Developed personalized training plans and conducted regular knowledge-sharing sessions resulting in a cohesive and supportive team culture.

#### **Project Intern**

Jun 2019- Aug 2019

- Actively contributed to various projects, leveraging my skills and knowledge to drive innovation and deliver high-quality design solutions.
- collaborated with a multidisciplinary team, assisting in the design and development of products while gaining valuable hands-on experience in the field of engineering.

## PROJECTS

### **Revamp of Hybrid Core and Clamp Design, EIIC**

Aug 2021 - Jun 2022

As the Program Manager and Technical Lead for the project, I successfully spearheaded a comprehensive initiative focused on optimizing the design and functionality of hybrid core and clamp components. In this role, I took on various responsibilities, including monitoring project progress, tracking key performance indicators, and reporting updates to senior management and stakeholders. Additionally, effectively communicated project status, challenges, and milestones to ensure alignment and manage expectations.

Key Roles and Responsibilities:

- Project Planning and Execution

- Redesign and Optimization
- Cost Reduction Initiatives
- Performance Monitoring and Stakeholder Management

### Regulator Standardization Initiative, EIIC

Jan2022 - May 2023

Led and implemented a successful Regulator Control Standardization Project, achieving organization-wide standardization of controls. Implemented standardized guidelines, protocols, and specifications to enhance consistency and operational efficiency. Delivered significant cost savings of \$0.35 million through strategic sourcing and optimized design processes. Demonstrated strong leadership, technical expertise, and cross-functional collaboration skills in driving successful standardization initiatives.

Key Roles and Responsibilities:

- Project Leadership and Management
- Design, Standardization Strategy, and Implementation
- Cost Reduction Initiatives
- Cross-functional Collaboration

### First Pass Yield Improvement for Application Engineering, EIIC

Jan 2021 - Oct 2021

As the Project Lead, I successfully implemented the project by utilizing the DMAIC six Sigma methodology and a continuous improvement approach. This project aimed to enhance the efficiency and quality of order processing, resulting in improved customer satisfaction. Showcasing expertise in process improvement methodologies, project management, and driving continuous improvement initiatives. This experience highlights ability to analyze complex systems, identify improvement opportunities, and deliver tangible results by leading cross-functional teams to achieve operational excellence.

Key Highlights:

- Defined project goals and objectives identified key metrics for measurement and established a baseline for FPY.
- In-depth analysis of existing processes and identified areas for improvement through data-driven methodologies.
- Collaborated with cross-functional teams to implement process enhancements & streamline workflows.
- Implemented robust control measures to monitor and sustain the improved performance & long-term success.

## PROFESSIONAL/ TECHNICAL ACHIEVEMENT

- |  |           |
|--|-----------|
| • Engineering & Technology award winner- Engineering Functional Excellence (EIIC)          | Jan-2024  |
| • Continuous improvement award winner, (Productivity improvement)- Divisional Level (EIIC) | Feb-2023  |
| • Engineering & Technology award winner- Innovation Evangelist (EIIC)                      | Dec-2022  |
| • Continuous improvement award winner, (First Pass Yield improvement)- ESA Level (EIIC)    | Feb-2022  |
| • Best Outgoing student and Bronze Medalist, COEP  | Sept 2020 |
| • 1st rank holder in Maharashtra under MSBTE, AV Polytechnic                               | May-2017  |
| • Best Outgoing student and Gold Medalist, AV Polytechnic                                  | May-2017  |

## ACTIVITIES/ VOLUNTEERING

- |  |                    |
|--|--------------------|
| • Corporate Social Responsibility (CSR) Member, (EIIC)                               | Jan 2023- Dec 2023 |
| • Recreation council member, ESA, (EIIC)   | Jan 2021- Dec 2021 |
| • Vice-Captain & Transmission Head, Team Velociracers: SAE-NIS Efficycle 2018 (COEP) | Jan 2018- Feb 2020 |
| • Event Head, Mechanical Engineering Student Association (MESA), AV Polytechnic      | Feb-2017           |
| • Head of Anti-ragging committee, AV Polytechnic                                     | Jan 2016- Dec 2016 |

## SKILLS

- **Software:** AutoCAD, Autodesk Inventor, SAP, Creo Parametric, ANSYS, Microsoft office
- **Technical:** Design optimization, Project management, Design for Manufacturing, and assembly (DFMA), Design Automation
- **Soft:** Quick learner, Time management, Continuous Learning, Excellent communication (verbal, written and presentation) and listening skills, Leadership
- **Certifications & Trainings:** Design for Six Sigma (DFSS), Six Sigma DMAIC Green Belt, Geometric Dimensioning & Tolerances, A3 Problem Solving

## INTEREST

- Reading, Networking, Event planning & management, Fitness

# Santosh Pachpund



**Engineering Manager, Power Systems Division**  
**ES America, EIIC, Pune.**  
**Santoshpachpund@eaton.com**

**SYNOPSIS:** - Overall 15+ years of diverse engineering experience in Electrical and Automotive domain. Currently, Senior Manager for Medium voltage products such as Switchgear, Transformer, Regulator, Capacitor & Network Protector. Experience in leading team of highly skilled individuals working on design & development of multidisciplinary problem. Successfully led efforts to create new product design of Electromechanical & controls, Cost Out, Continuous Improvement, Value Engineering, Benchmarking, Concept Development Prototyping, Detailed Design. Completed post-graduation in Mechanical Engg with specialization in Thermal Science & Engg.

- ⇒ Leading a team of 50+ engineers for New Product Development, New Technology Introduction, cost out, Application Engineering and Sustaining Engineering work for Power Systems Division (PSD)
- ⇒ Driving management and delivery of key projects involving preparation of project roadmaps, key strategies, continuous improvement, budget, scope, timeframe with a diverse local & global team
- ⇒ Building organizational capability by maintaining strong cost out portfolio across different business division and realizing ~\$8M in 2021, \$4M+ cost out realization from EIIC PSD since last 3 years establishing healthy relationship with SCM, category & DMP team
- ⇒ Recipient of prestigious Outstanding Technology Achievement Award twice from Vehicle Group CTO
- ⇒ Recipient of Manager of the year award in 2022 from Eaton India head
- ⇒ One patent grant & two patent applications filed, 16IP disclosures, 4 international conference papers.
- ⇒ Identifying & implementing business critical Continuous Improvement opportunities for Power Systems, 30% TAT reduction in assembly time of Pulsar STS recloser – 2023 winner at Eaton Electrical sector.
- ⇒ Instrumental in preparing and receiving approvals/grant for DP & infrastructure proposals

## CORE COMPETENCIES

- ⇒ Demonstration of collaborative working style- Relates very well to all kinds of people inside and outside the organization to accomplish the desired goal
- ⇒ Get Results: Establishing and maintaining effective relationships with US team and different groups in EIIC by understanding expectations/requirements and gains their trust/respect
- ⇒ Strategic & effective decision-making ability- Grown highly performing team from 11 to 50 HC in 5years
- ⇒ Strong drive for results attitude-Handled multiple business critical programs such as Pulsar STS (17M MYR launch), Cold Shrink Rejacket, Air Switches, SEL Padmount, Universal Interface etc. and delivered results as per stakeholder's expectations with program management and end to end design ownership
- ⇒ Demonstrated customer centricity through providing value add to global programs such RUSH & Journey
- ⇒ Innovative mind set – Understand the recent technology trends in the business, came up with different innovative ideas and presented in the division waterline/road mapping events
- ⇒ Inclusion & Diversity: Persistent in maintaining diversity > 30%, very low attrition <5% & strong supporter of rotations as per individual career growth

## ACADEMIC PROFILE

**M Tech (Thermal Science), IIT Kharagpur, 2009**  
**BE (Mechanical Engg), Pune University, 2006**

## PROFESSIONAL EXPERIENCE HIGHLIGHTS

Sep'09-Mar'10	Quest Global Engineering Pvt. Ltd, Bangalore	Engineer
Since Mar'10	Eaton Technologies Pvt. Ltd, Pune	Sr Engineer, Manager

## Technical Highlights

- ⇒ **Ejector Assembly for Charged Engines:** - Developed an innovative design based on analytics and CFD simulations meeting performance requirements along with weight reduction. This helped to gain potential business opportunity of \$1.2M & confidence to initiate 2 additional programs. Project team has been awarded with an **Outstanding Technology Achievement Award** from Vehicle Group for innovation & analysis driven design of Ejector Pump. A **patent application** is granted for the design

- ⇒ **Analysis Driven Design for Water Ballast Treatment System:** -Analysis driven design ensured meeting target of 2000W-s/m<sup>2</sup> UV dosage for ballast water treatment system and same had been prototyped. Pre-Launch phase-C review achieved conditional-go decision and one of the **4 IP disclosures** filed based on recommended designs is filled as a **patent** application
- ⇒ **Procision TPS Hydraulic Modeling:** - Identified root cause for force imbalance through proposed co-simulation approach (CFD+1D) & provided design modifications (draft angle & notched spool) to address issue. Resolution of hydraulic stability helped to gain customer confidence and received customer approval for full production. Received **Outstanding Technology Achievement** Award from VG CTO
- ⇒ **Pulsar STS:** - Developed new overhead recloser expanding on the innovation and reliability improvements. **17.6M MYR** project with end-to-end responsibility launched with more than **1.5M cost out savings**. Presented to CTO, COO & Sr leadership
- ⇒ **Capacitor "Engineer To Order" Process Digitalization:** Identified Manual, repetitive & monotonous steps in existing Capacitor ETO process. Developed automation using in house tools. Improved design ETO cycle time by **48%** through Digitalization which is equivalent to **5000+ manual hrs & ~\$125k** savings. This was highly appreciated by senior leadership.

### **Organization Citizenship Highlights:**

- ⇒ Leading ENGAGE iERG in APAC and driving multiple I&D initiatives.
- ⇒ Driving regional growth initiative at ES America level by closely working with India sales, product manager and senior leadership team. Navigating 10 projects, 5 active engagements & 5 proposals
- ⇒ Recruitment & Performance Evaluation: - Involved in hiring and building a technically strong and highly motivated team across ES America & other groups in EIIC.
- ⇒ Operation Excellence: - Accountable for ensuring quality assurance while delivering a project to guarantee stakeholder satisfaction. Reviewing project progress periodically to incorporate stakeholder expectations and specifications. Established Liaison between Engineering and Program management
- ⇒ Process Standardization: - Implementing projects on processes & systems, process re-engineering, operation excellence, productivity/performance enhancement, delivering on committed ROI
- ⇒ I&D Council lead: - Drove Inclusion initiatives at EIIC level by organizing multiple events
- ⇒ Driving & contributing to global initiatives: Global Mentorship, Ally Advocacy, SAM, Trainings
- ⇒ Hold green belt in DFSS (Design for Six Sigma) and have mentored resources for effective deployment

### **Publications/Patents**

- ⇒ Pachpund S, Madhavan J, Pandit, G and Chimner T (2012). Development of CFD Methodology for Drag Force Prediction on Passenger Car with Rear Mounted Spoiler. SAE, New Delhi, India
- ⇒ Chechare R, Pachpund S, Madhavan J, Jakkan J, (2015). Development of Validated CFD methodology for Modelling of Pick Up Pipes with screen. NAFEMS World Congress, California, USA
- ⇒ Optimization of UV Lamp Based Water Treatment Devices For Improved Effectiveness Using CFD, flotek.g 2017- "Innovative Solutions in Flow Measurement and Control - Oil, Water and Gas" August 28-30, 2017, FCRI, Palakkad, Kerala, India
- ⇒ Namita Panda, Santosh Pachpund, (2021) Capacitor Bank Balancing, IEEE/IAS 57<sup>th</sup> Industrial & commercial Power Systems Technical conference (I&CPS), US
- ⇒ Patent Grant on "Fluid Control Valve Assembly" -US20130019844 A1, Jul.8,2014
- ⇒ Patent Published on "ULTRAVIOLET FLUID TREATMENT SYSTEM" - 20150284265
- ⇒ Provisional patent application NACT, VT
- ⇒ Patent published on "Hydraulic assisted engine brake mechanism for valve train" 20210270153

### **HONOURS & AWARDS**

- ⇒ 2 VG Outstanding Technology Achievement Awards
- ⇒ EIIC Manager of the year @2023
- ⇒ 6 Patent Applications (1grant, 2filed, 3provisional), 16 Innovation disclosures
- ⇒ 4 International conference publications
- ⇒ Six Sigma Green Belt certification
- ⇒ Recipient of Simulation Technology Excellence Pioneer (STEP) award
- ⇒ Recipient of Eaton Competency Recognition (ECR) award, Winner of A2E competition

### **PERSONAL INFORMATION**

Date of Birth : 21<sup>st</sup> March 1984  
 Permanent Address : 404 Saffron, Gulmohar City, Kharadi, Pune-411014  
 Contact Details : 9552507878/7030789890, [santosh07iit@gmail.com](mailto:santosh07iit@gmail.com)  
 Languages Known : English, Hindi, Marathi, German

# Ramesh N Shastry

## Founder & CEO

Contact: +91 98459 27738  
Mail: [ramesh@magnatech-india.com](mailto:ramesh@magnatech-india.com)  
Skype: ramesh-shastry  
[www.magnatech-india.com](http://www.magnatech-india.com)  
[www.magnetechinnovations.com](http://www.magnetechinnovations.com)



Address:  
#69/A11, Hootgalli Industrial Area  
Belawadi Post  
Mysore – 570018  
INDIA

### **Objective:**

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Our objective is to establish a globally recognized brand that fosters growth opportunities for the organization and its stakeholders, ultimately achieving the pinnacle of success as the premier leader worldwide. We are committed to delivering unparalleled quality products to our customers worldwide, regardless of challenges or circumstances. Building enduring, trustworthy relationships with our clientele, we aim to be regarded as indispensable partners in their business ventures. Moreover, we are dedicated to cultivating an employee-centric work environment that promotes excellence and fosters a culture of continuous improvement.

### **Professional Engagement:**

**Ramesh Shastry**, the visionary CEO and Founder of Magnatech, a true trailblazer in the world of magnetics. With a humble beginning in a car garage back in 1996, Ramesh embarked on a journey fuelled by relentless dedication and a thirst for innovation. Over the past two decades, he has steered Magnatech to unprecedented heights, transforming it into a global powerhouse of magnetic solutions.

Ramesh's leadership at Magnatech has been nothing short of extraordinary. Under his guidance, the company has not only met but exceeded international standards, with the first exports to Germany marking a significant milestone in 2007. His hands-on experience, spanning over 20 years, has been instrumental in catering to diverse applications in the electrical and electronics realm, positioning Magnatech as a trusted industry leader.

At the heart of Ramesh's approach lies a dual focus on customer development and product innovation. He champions cutting-edge solutions, from Current Transformers to Reactors and beyond, ensuring that each design not only meets, but surpasses the evolving needs of the market. With a track record of over 1000 innovative designs, Ramesh continues to set new benchmarks, pushing the boundaries of what's possible in magnetics.

Ramesh boasts extensive international exposure, having traveled to over 40 countries. He has actively engaged in international trade fairs across the globe, showcasing his expertise and forging valuable connections. His visits to major customers worldwide have been pivotal in facilitating productive techno-commercial discussions, ultimately converting them into lucrative business opportunities.



Ramesh has designed, developed and conducted testing on low voltage (LV) and medium voltage (MV) transformers and inductors, ensuring compliance with IS/BS/IEC standards.

Beyond his role at Magnatech, Ramesh is deeply engaged in industry initiatives, serving as an executive member of prestigious organizations such as the Consortium of Electronic Industries of Karnataka (CLIK) and KASSIA. His commitment to excellence extends beyond business, fostering a culture of teamwork, customer satisfaction, and community engagement.

In an industry characterized by rapid change and innovation, Ramesh stands as a beacon of reliability and excellence. His transformative designs, tailored to the specific needs of clients, exemplify the pinnacle of magnetics engineering. Connect with Ramesh today to experience firsthand the unparalleled expertise and dedication that define Magnatech's success.

### **Awards:**

- ❖ Manufacturing Excellence Award from Karnataka State Government – 2017
- ❖ National Excellence award Indigenization defense innovation from Elcina National awards – 2018
- ❖ Trade Excellence Award from FKKCCI – 2021
- ❖ Export Excellence Award from FKKCCI – 2022

### **PROFESSIONAL QUALIFICATIONS:**

- ❖ Diploma in Electrical Engineering – 1991
- ❖ AMIE – Electrical Engineering – Institution of Engineers (India) - 1995
- ❖ Quality Management Course ISO 9001– TUV Sud – 2007
- ❖ Lean Manufacturing Technics - Mastery Program - 2008
- ❖ Export Coaching Program – Expro 81 Electronic Components & Systems – CBI Netherlands – 2009
- ❖ Personality Development program - 2014
- ❖ Quality Management Course AS 9100 – TUV Sud – 2017

### **Skills:**

- ❖ Transformer Designing
- ❖ Product Development
- ❖ Business Development
- ❖ B2B Marketing
- ❖ Networking
- ❖ Leadership
- ❖ Delegation and Time Management
- ❖ Analytical and Critical Thinker
- ❖ Written Communication
- ❖ Service Delivery Oversight
- ❖ Budgeting / Costing
- ❖ Digital Marketing
- ❖ Negotiations
- ❖ Team building skills

# Atul Subhash Bapat

Chief Executive Officer  
Sukrut Electric Co. Pvt. Ltd., Pune, India.

## GET IN CONTACT

Mobile: +91-9922909647

Email: [atul@sukrutelectric.com](mailto:atul@sukrutelectric.com)

## PERSONAL DETAILS

- Total Experience – 18+ years
- Current Location : Pune
- Date of Birth : May 22, 1984

## SKILLS

- Organizational Leadership
- Mergers and JV expert
- Risk Management

## TECHNICAL SKILLS

- Product development and expansion
- Leadership and team management
- Strategic planning and execution
- Problem-solving and decision-making

## LANGUAGES KNOWN

- English
- Hindi
- Marathi

## ACTIVITIES IN STANDARDIZATION COMMITTEES

**Active member of IEC standardization committee WG 32**

**Active member of IEC – TC 36/SC 36A/JWG 7 for Bushings**

**Former member of Panel 4 revision of IS 3639 in BIS**

Working on the revision of fitting and accessories standards like Buchholz Relay, Conservator protection Relay, Aircell, Gas Collection Device.

## PROFILE SUMMARY

Results-driven CEO with a forward-thinking approach centered on company success and competitive growth. Demonstrated record of success in building successful teams and managing profitable operations.

## EDUCATION HISTORY

### Post Graduation

Course	MBA - Operations
College	Pune University

### Graduation

Course	B.E. Production
College	Pune University

## WORK EXPERIENCE

Jan 2005 to Present

### CEO at Sukrut Electric Company Pvt. Ltd.

#### Leading manufacturer of transformer safety devices and accessories

- Reviewed individual department performance and worked with leadership to improve processes, procedures, and practices.
- Managed partnerships and strategic business relationships like Joint venture and mergers by negotiating contract terms and handling conflicts.
- Developed key operational initiatives to drive and maintain substantial business growth.
- Cultivated forward-thinking, inclusive, and performance-oriented business culture to lead industry in innovation and push progress.
- Built productive relationships with industry partners and competitors to support strategic business objectives.
- Engaged positively with staff and leadership colleagues, soliciting, and encouraging feedback and collaborative spirit.
- Made large-scale financial decisions and supervised company spending to reduce material losses and maximize profits.

# Pritesh Devidas Dehadray

Manager Design and R & D  
Sukrut Electric Co. Pvt. Ltd., Pune, India

## GET IN CONTACT

Mobile: +91-7507786405

Email: pritesh.dehadray@sukrutelectric.com

## PERSONAL DETAILS

- Total Experience : 13 Years 4 Month
- Current Location : Pune
- Date of Birth : Jun 7,1985
- Gender : Male

## SKILLS

- Communication Skills
- Creativity
- Leadership
- Problem Solving

## TECHNICAL SKILLS

- Project Development and Management
- Organization Skills
- Time Management

## LANGUAGES KNOWN

- English
- Hindi
- Marathi

## COURSES & CERTIFICATIONS

- AutoCAD Training
- CATIA Specialist Mechanical Design Certification
- Solidedge
- Pro-E

## PROFILE SUMMARY

- 13+ Years of experience in Designing Transformer safety accessories.
- Design and Development of new product from start to end.
- Active participation in different committees for product standardisation and standard revision

## EDUCATION HISTORY

### Graduation

Course : B.E. Production

College : Pune University

## WORK EXPERIENCE

### Manager - Design and R & D at Sukrut Electric Comp any Pvt. Ltd.

#### Leading manufacturer of transformer safety devices and accessories

- Design & development of new product by using DFA & DFM as per IEC, European (EN) and Indian Standard (IS).
- Lead key projects with R&D to support business goals.
- Develop research programs incorporating current developments to improve existing products and study the potential of new products.
- Understand customer expectations on to-be manufactured products.
- Determine and execute improved technologies used by suppliers, competitors, and customers.
- Monitor team metrics and objectives ensuring meeting of goals.
- Document all phases of research and development.

## ACTIVITIES IN STANDARDIZATION COMMITTEES

- **Active member of IEC standardization committee WG 32**
- **Former member of Panel 4 revision of IS 3639 in BIS**

Working on the revision of fitting and accessories standards like, Buchholz Relay, Conservator protection Relay, Aircell, Gas Collection Device



# JEETU BARWAL

Professional Consultant

## CONTACT

### Phone

+91 966 254 1747

### Email

jkbarwal@gmail.com

### Address

D 502, Orchid Platina, Opp. Rama Shikhar,  
Sama Savli Road, Near Vemali Village,  
Vadodara -390 008, Gujarat, India

## SKILLS

- Liasoning Manager
- BIS, BEE, NABL and UL Consulting
- Transformer Inspection
- Management Consultancy
- Six Sigma Consultancy

## REFERENCES

### Pratik Udani

Proprietor of Pratik Electricals

Phone: 982 404 7892

Email: info.pratikelectricals@gmail.com

## PROFILE INFO

I Jeetu Barwal proprietor of VAIDEHI ENTERPRISE, and we are here to help your business growth, since our founding in 2016, we have guided our clients to help them achieve their unique business goals. Using our proven end-to-end methods, we will equip you and your organization with a plan to succeed. You can count on our team to give you the best insights towards your future.

## EXPERIENCE

2019 - 2022

Vaidehi Enterprise | Vadodara  
Proprietor

A leading management consulting firm for business associated services like liasoning with State Electricity Boards, BIS, BEE, NABL, and UL certification.

2021-2022

Sumesh Engineers Private Limited. | Waghodia, Vadodara  
Operation Manager

Key Segments looking : Liasoning with Customer, Vendor Development, Procurement, monitoring production team.

2018-2021

Atlas Transformers India Limited | Por, Vadodara  
Liasoning Manager

Key Segments looking : Liasoning with Customer, Vendor Development, Procurement, monitoring production team. focusing on marketing strategy and lead marketing team

## EDUCATION

December 2021

Bachlor of Commerce

Dr. Bhimrao Ambedkar Open University, Agra

JULY 2020

DIPLOMA IN COMPUTER ENGINEERING

AMISOFT, VADODARA



## Mihir Patel

A-11 Royal Villa Bungalows,  
Near Devasya International School,  
Nikol Naroda Road,  
Ahmedabad - 382350,  
Mobile: +91.9586007133  
[themihirpatel57@gmail.com](mailto:themihirpatel57@gmail.com)



### About Me

#### Electrical Engineer

As an Electrical Design Engineer with varied professional experience in multi-disciplined engineering teams I'm Expert in Transformer Design as well as control and protection design of transformer. Specialize in project design manufacturing design improvements and team leadership. Strong engineering professional skilled in Power Systems, Engineering, SCADA, Switchgear, and Electrical Engineering.

### Professional Experience

#### Manager

##### PowerLite Electricals

Mar 2020 – Present

- Worked on mainly customer specifications, inputs, implement the better design of the Transformers & CSS up to 50 MVA, 220 KV Class.
- Carried out Marketing Meeting with customers to achieve orders.
- Responsible for low cost design to compete in the market as per available IS/IEC Standard.
- Made control drawings of Power/Autotransformers, Reactors, special transformers.
- Preparation of Tender Quotation, Validation as per Technical Specification.
- Co-ordination with purchase, production, marketing, quality & all the suppliers regarding technical points.
- Responsible for achieving better design & output.
- Carried out design coordination meetings with the customers.
- Carried out technical discussions/meetings with all of the vendors, internal teams & partial customers.
- Carried out drawing approval meetings with the customers.

#### Electrical Design Engineer

##### Transformers & Rectifiers India Limited

June 2017 – Mar 2020

- Worked on mainly customer specifications, inputs, implement the better design of the Transformers up to 25 MVA, 66 KV Class.
- Made control drawings of Power/Auto transformers, Reactors, special transformers.
- Preparation of Tender Quotation, Validation as per Technical Specification.
- Co-ordination with purchase, production, marketing, quality & all the suppliers regarding technical points.
- Responsible for achieving better design & output.
- Carried out design coordination meetings with the customers.
- Carried out technical discussions/meetings with all of the vendors, internal teams & partial customers.
- Carried out drawing approval meetings with the customers.
- Worked on mainly customer specifications, inputs, for making design of the transformer Panels, Marshalling Box and Cooler Control.
- Made control drawings of Power/Autotransformers, Reactors, special transformers.
- Carried out technical coordination meetings with the customers.
- Co-ordination with purchase, production, marketing, quality & all the suppliers regarding technical points.
- Carried out design coordination meetings with the customers.
- Carried out technical discussions/meetings with all of the vendors, internal teams & partial customers.
- Carried out drawing approval meetings with the customers.

### Professional Qualifications and Affiliations

- “Digital Helmet” Paper Published on IJSRD
- “Live Pace Charger” Paper Published on IJSRD

### Skills

- Project Management
- Team oriented and results driven
- Research and Development

## Technical Skills

### ❖ Area of Interest

- Transformer Design
- Panel Design
- Power System Generation & Distribution
- Research & Development
- Testing

### ❖ Software

- AutoCAD
- Fox-Pro (Transformer Design)
- E-Plan
- MS-Office
- PLC Software's

## Personal Interests

- Literature Writing
- Reading
- Anchoring
- Tech - Blogging
- Chess
- Swimming

## Personal Details

Father's Name: Rameshbhai R Patel  
Birthday: November 16, 1995  
Gender: Male  
Marital Status: Single  
Nationality: India

## Declaration

I, **Mihir Patel**, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.



**Mihir Patel** (Ahmedabad, Gujarat)