

Mahesh Prakash Gaikwad

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PROFESSIONAL PROFILE

Present **Electrical Calibration Engineer** in Institute for Design of Electrical Measuring Instruments, Mumbai with highly-motivated, productive, dynamic, customer-focused team player with strong communication, interpersonal, organizational, time management, analytical and problem solving skills. Reliable and dedicated with the ability to grasp and apply new procedures quickly organize and prioritize tasks to meet deadlines and adapt readily to new challenges.

CAREER SNAPSHOT

- Electrical Calibration Engineer at IDEMI Mumbai.
- Electrical Testing Engineer at Altra Power Electrical Industries, Nashik.
- Completed Bachelor of Engineering in Electrical at Yashoda Technical Campus, Satara from Shivaji University in 2016.
- Completed Diploma in Electrical Engineering at Government polytechnic, Mumbai in 2013.

ATTENDED TRAINING PROGRAMME:

Haefely Test AG, Electronics Manufacturer in Basel, Switzerland.

- Calibration of Tan Delta and Capacitance by using C, L & Tan Delta Bridge (2840) and Standard SF6 Capacitor (3388) with Tan Delta Set(3370).
- Calibration of Current Transformer and Potential Transformer with Automatic Instrument Transformer Test System (2767), Electronic Current Burden, Capacitor Voltage Divider (4860), Electronic Voltage Burden (3695/3697) and Standard Current Transformer (4762).
- Calibration of Reference Impulse Calibrator (RSG 482) by using Impulse Divider.

National Physical Laboratory, New Delhi, India.

- Workshop on Metrology: General requirements for the Competence of Testing and Calibration laboratories ISO/IEC17025: 2017.

IDEMI, Mumbai.

- Workshop on Metrology: General requirements for the Competence of Testing and Calibration laboratories ISO/IEC17025: 2017.
- Workshop on Electrical Testing and Calibration

SKILLS SET

- Well versed with Electrical Engineering concepts.
- Control panel design, drawing, panel wiring.
- Good interpersonal skills, communication and analytical skills.
- Knowledge of PCB designing.
- Well versed in Windows-98, Windows XP and Windows 7 & 8, 9 & 10.
- Proficiency in entire Microsoft Office, Microsoft Word, Microsoft Excel
- Good understanding of Internet tools.
- Attended workshop on MATLAB/SIMULINK.

SCHOLASTICS

COURSE	INSTITUTION/ UNIVERSITY	AGGREGATE	YEAR
B.E (Electrical Engineering)	Yashoda Technical Campus/ Shivaji University	70.13%	2013- 2016
Diploma (Electrical Engineering)	Government Polytechnic Mumbai/ MSBTE (Auto. Institute)	68.32%	2010- 2013
Class X	MMBG High school Worli, Mumbai/ Maharashtra SSC Board	92.36%	2009- 2010

WORK EXPERIENCE

**Institute for
Design of
Electrical
Measuring
Instruments
(IDEMI), Mumbai
Govt. of India
Society, MSME**

**(20th March 2017-
Present)**

- Execute site calibration work all over India. (Chennai, Vadodara, Bhopal, Silvassa, Delhi, Bangalore, Haridwar, Panjab, Haryana, Goa etc.)
- To do all day to day calibration activity in Laboratory and prepare reports.
- Calibrates High Voltage transformer, Instrument Transformers (Current Transformer & Potential Transformer), Tan Delta Meter and Tan Delta Calibrators, Relay Test Kit and Energy Meters.
- Prepare quality related work.
- Auditee for NABL Audit as per ISO/IEC17025:2017.
- Auditor (as Observer) for Internal Audit.
- Calibrated Equipment's:
 - ❖ Tan Delta Meters and Calibrators ex. Delta 4000 (Megger), Haefely 2840, EW-188(Sivananda).
 - ❖ High Voltage test Kit and Oil BDV Test Set. ex. 1200 kV Transformer (High Volt)
 - ❖ CT & PT Calibration ex. Haefely and Eltel make Test system
 - ❖ Automatic instrument transformer Test Set (AITTS) ex. AITTS-98(Eltel).
 - ❖ Realy test Kit. Ex. Extech, DRTS 64 (iSA), F6150e (DOUBLE) & CMC 356 (Omicron).
 - ❖ Current Injection ex. kit CPC 100 (Omicron)
 - ❖ Power Meters ex WT 230, WT3000, WT1803E (Yokogawa)
 - ❖ Multifunction Calibrator & Digital Multimeters ex. MFC 5500, 5502, 5520(Fluke)
 - ❖ Energy Meter Calibration Using Zera make Standard Meter Test Standard (MTS)
 - ❖ Isolated Current Transformer Calibration ex. ICT (Zera)

**Altra Power
Electrical
Industries,
Nashik**

**(31st Sep 2016-
20th March 2017)**

- To do day to day Testing of Electrical Motors and prepare Testing reports.
- Check Testing & Calibration Reports.
- To provide the entire electrical solutions as per requirement.
- Maintenance and troubleshooting of electrical problems.
- Prepare quality related documentation.
- Auditeefor BIS Audit.

ACADEMIC PROJECTS

- **Project: SCADA Based wireless power distribution system: Fault detection & Load shedding.** **Duration: Six months**
 - ❖ To design a model of project thought we can do loading as manually or automatically also to detect the fault under abnormal condition.
- **Project: Automatic Temperature and light control for home** **Duration: Six months**
 - ❖ Automatic Temperature and light control for home, which controls fan and lamp in the room by sensing the temperature and light.

ACHIEVEMENTS AND ACTIVITIES

- Institute Second rank holder in Electrical Engineering, 2016.
- Executive Member of Electrical Engineering Student Association (ESSA) Committee.
- Passed Intermediate Drawing Examination.
- Participation in Electrotech-2013 in poster presentation and secured 1st Prize.

PERSONAL DOSSIER

DateofBirth : 12th June1994
Languagesknown : English, Hindi, Marathi
Marital Status : Un-Married
Nationality : Indian
Hobbies : Playing & Watching Cricket, Kabbadi & Chess,
Reading new technical things in electrical.

Permanent Address : 306, 3rd Floor, Kaushik Apartment, Kaka's Dhaba, S.H.M. Road,
Kalyan East, Thane - 421 306, Maharashtra, India.

Declaration:

I hereby declare that the particulars given herein are true and complete to the best of my knowledge and belief.

MAHESH PRAKASH GAIKWAD