

VIVEK AHIRE

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Nasik, Maharashtra 422101

SUMMARY:

- Electrical Engineer with 3 years' experience in driving Energy Efficiency through dedicated Energy Audits, Process Optimization, meticulous Project commissioning and Automation Training.
- Six Sigma – Green Belt and Junior Project Manager Certified.
- Demonstrated expertise in Data Analytics & Visualization using R and Tableau.

SKILLS

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|------------------------|--------------------------|---------------------------|
| • Energy Audit | • Energy Analytics | • Project Commissioning |
| • Process Optimization | • Data Analytics | • Tableau |
| • R | • Six Sigma | • PLC & SCADA |
| • Training | • Data Visualization | • Time Series Forecasting |
| • Machine Learning | • Electrical Maintenance | • Logistic Regression |

WORK EXPERIENCE

1. *Senior Engineer (ENCON & Energy Audit) at Teknocrats Control System (I) Pvt. Ltd.* (Dec 2017 – June 2020)

- Consistently delivered savings in energy by innovative solutions through detailed energy audits.
- Expertise in energy loads consisting of Compressors, Motors, Transformers, Lighting, HVAC, etc.
- Guiding customers with better maintenance and safety practices during Audits.
- Always first to be educated on new products to verify feasibility for business.
- Project lead for commissioning of Energy Saving Projects.
- Coordinating with subcontractors and suppliers for Energy Saving Projects, project commissioning, etc.
- Writing operation manuals/SOP for unconventional energy saving products.
- Delivering electrical drawing like SLDs, panel wiring diagrams, etc.
- Training users over use of new technologies implemented for energy savings.

Major Clients Audited:

TATA Steel Distribution Ltd. Jamshedpur; Epiroc Mining India Ltd. Nashik; Jindal SAW Ltd, Nashik; Bosch Chassis Systems India Ltd., Pune; Apollo Hospital, Nashik; Sula Vineyards, Nashik; Mahindra & Mahindra, Igatpuri; The Trident Hotel (Oberoi), NP, Mumbai; Borosil Klasspack Ltd., etc.

Major Project:

Ultratech Cement Ltd. (Aditya Birla Group) – 12 sites throughout India to be commissioned for energy saving products.

2. *Automation Faculty at Teknocrats Academy of Automation and Control Technology* (July 2017 – Dec 2017)

- Delivering Automation training in industries and engineering colleges.
- Increased volumes of monthly training by gaining applauds over conducted training.
- Specialized in training related to Electrical and Electronics Automation, AC/DC Drives, Hydraulics & Pneumatics, PCL & SCADA, Energy Conservation, Electrical Safety, etc.
- Initiated training for Energy Conservation and Electrical through study and research.
- Developing training content through continuous research.

Major Trainings:

1. JSW Steel Coated Products Ltd.
2. Mahindra & Mahindra

3. *Assistant Professor at Matoshri College of Engineering and Research Centre* (December 2015 – June 2017)

- Increased college admissions career guidance lectures junior colleges.
- Commissioned a Power Quality lab in the campus.
- Specialized in teaching subjects like Electrical Machines, Power Quality, PLC & SCADA.
- Encouraging Research Projects from students and supervising over the project development.

4. Master Trainer at Nasik Municipal Corporation (Election Commission) (January 2017 – February 2017)

- Leading Election counting process and declaring results.
- Programming EVM's (Electronic Voting Machine)
- Training officers to use EVM.

5. Teaching Assistant at Dr. Babasaheb Ambedkar Technological University (August 2013 – July 2015)

- Electrical Machine Lab development.
- Teaching Electrical Machines to B. Tech students.
- Contributed dissertation in DG sizing and siting optimization.

PGP-BABI COURSE PROJECTS

1. Analysing Customer Churn problems of Telecom Companies.
2. Evaluated the impact of change in temperature of Cold Storage products during the year.
3. Model creation for conversion of potential existing depositors into borrowers
4. Market Segmentation in the context of Product Service Management.
5. Choosing preferable mode of transport by employees.
6. Build a forecasting model to predict monthly gas production.

Analytic Skills: ARIMA, Time Series Forecasting, Bagging & Boosting, machine learning, logistic Regression, KNN, Naive Bayes, Descriptive Statistics, Inferential Statistics, Estimation & Hypothesis Testing, CART, Random Forest, Pruning, Factor Analysis, Multiple Linear Regression, Correlation Matrix, Market Segmentation.

CERTIFICATIONS

- Certified Junior Project Manager (BVOP™)
- Six Sigma – Green Belt
- Industrial Safety Engineering
- PLC & SCADA
- Civil Defence

Associate Member of Institute of Engineers, India. (IEI)

EDUCATION

- **Post Graduate Program – Business Analytics & Business Intelligence (PGP-BABI)**
Great Lakes & Texas McCombs (*Pursuing*)
Portfolio: <https://eportfolio.greatlearning.in/vivek-ahire>
- **Master of Technology: Power Systems**
Dr. Babasaheb Ambedkar Technological University, Lonere, MH (2013 – 2015)
- **Bachelor of Engineering: Electrical**
Sir Visvesvaraya Institute of Technology, Nasik (2008 – 2012)

EXTRA CURRICULAR ACHIEVEMENTS:

- Gold Medallist in Chess at University Level of Sports.
- Sports Secretary of college and captain of college Chess team.

WEB PROFILE:

<https://www.linkedin.com/in/vivek-ahire-5467054b/>