

Mr. Swapnil S Amale.



E/2 MOUNTAIN BLUE NEAR GANESH HOSPITAL JIVADANI MANDIR ROAD VIRAR-EAST,
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Country- India

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OBJECTIVE

To utilize my expertise in the field of electrical engineering and implement my innovative ideas and creative mind towards the area of specialization. Looking to secure the role of an Electrical Engineer in your esteemed organization. Having good analytical, managerial, communication skills and a thorough knowledge of power system, control system, electrical machines, electrical switchgear, electrical testing and maintenance, commercial and industrial installations, looking forward to serve your organization

EDUCATION

SHIVAJI UNIVERSITY

RIT INDIA-An Autonomous Institute

Start date- July 2012

Completion date- 22/7/2014

Degree- M.Tech (Electrical Power System)

CPI – 7.76/10

GPA-3.75/4

Percentage- 72.6% (First class with Distinction)

UNIVERSITY OF MUMBAI

Start date- August 2009

Completion date- 16/7/2012

Degree- B.E (Electrical Engineering)

Percentage- 62.6% (First class)

MSBTE

Start date- July 2006

Completion date- 20/7/2009

Degree- Diploma (Electrical Engineering)

Percentage- 76% (First class with Distinction).

EXPERIENCE- (3 YEARS 11 MONTHS)

Assistant Professor | ADCET

06th June 2014 to 28th April 2018

Current CTC – 5.33 Lakhs INR.

Expected CTC – Negotiable

Here my role was to be a Power system engineer for handling projects related to Power system-load flow studies, stability studies to be a Team Leader, Tutor for engineering students, testing of transformers, DC and AC machines, Insulation test, to be a site engineer to supervise on going electrical projects related to renewable energies like solar installation, wind turbine (DFIG), grid integration according to IEEE and IEC standard codes, to carry out power quality analysis and to provide solutions through power electronic converters, to implement automation in premises through PLC and also the documentation work required.

This has helped me in developing analytical thinks, managerial skills, Communication skills, Programming skills, and Skills related to Electrical Engineering.

SKILLS & ABILITIES

- ☐ Electrical Power system- (Generation , transmission and distribution)- I can analyze electrical power system and implement my knowledge related to switchgear , relaying, load flow calculations, and optimization.
- ☐ Electrical Machines- I have expertise in designing transformer, analyzing performance of different machines by conducting different tests and selection of various drives for different operations depending on load requirement, duty cycle, area of application and speed requirements.
- ☐ Power electronics and drives- I have expertise in power converters and I am familiar with their selection and application. I have worked on multi-level converters specially on 3 level NPC inverter and their application for MV Drives.
- ☐ Power quality and harmonics- I am able to carry out harmonic analysis and provide solution to mitigate power system harmonic through different passive and active filters. Also I am aware of power quality standards like IEC 519 and IEEE standards.
- ☐ Electrical Installation and maintenance- I am familiar with electrical installation and maintenance and their related international standards.
- ☐ Renewable energy- I am familiar in wind power generation using DFIG and its grid integration.
- ☐ PLC- I have completed basic PLC module training which includes Allen Bradley, Hydraulics and Pneumatics, Crouzet.
- ☐ Softwares- I have expertise in handling MATLAB Ra 2007, I am familiar with AutoCAD 2011 version-18.1 , MS Office and PLC(allen Bradley), ETAP 12.6.0, Proteus 8 professional.
- ☐ Familiar with Electrical Standard codes- ANSI , IEC.

PROFESSIONAL CERTIFICATES & TRAINING

- ☐ Electrical Supervisor Licence form Government of India(Liscence No.-50697)
- ☐ MS-CIT Certificate
- ☐ PLC –Automation Certificate.(Allen Bradley,Hydraulics and Pneumatics, Crouzet)
- ☐ Industrial Training at **Crompton Greaves(Transformer division),Kanjurmarg.**
- ☐ One week Training at **MAHATRANSCO, Talandge.**
- ☐ One week Training at **Reliance Thermal Power Plant, Dahanu**

PROJECTS

- ☐ **89c51** based automatic reclosing of transmission line during abnormal conditions.
- ☐ Design of Active Power Filter for the AC Switchyard of **HVDC Padge (MAHATRANSCO).**
- ☐ A Novel control strategy to Mitigate Power system harmonics with the help of Shunt active power filter by Generalized instantaneous power theory.
- ☐ Power quality analysis (harmonic analysis and reactive power compensation) of VFD,s at **Rajaram Sakhar karkhana, Islampur** and provided power quality solution to improve power quality and reliability(**Consultancy through ADCET**)
- ☐ Development of test kit for testing various transformer performance parameters at **KHARE Transformers, Sangli (Consultancy through ADCET).**
- ☐ Installed high voltage testing lab at **ADCET,Ashta**
- ☐ Designed control Panel for Electrical Testing Machine Laboratoy at **ADCET, Ashta.**
- ☐ Installed Electrical Machine testing laboratory at **ADCET,Ashta**
- ☐ Designed Active filter for Power System Harmonic mitigation at **SHANTALA POWER , Hubli (Consultancy through ADCET).**

STRENGTHS

Leadership | Problem solving and decision making | effective communication
| Teamwork | Strong work ethics | Analytical | Patience | Dedication | Honesty |

Dear Sir/Madam,

By this letter, I would like to take this opportunity to introduce myself to your esteemed Organization, in which I do believe and confident that I can meet your requirements and cater your needs to the satisfaction of the Organization. I am very much confident of extending the best of my ability for the betterment of the Organization I am a part of.

Thanking you



(Swapnil Shamrao Amale)

Date : 27-04-2018

Place : Mumbai