



Career Objective

To work in an organization where culture of freedom and working for initiatives is ensured, thus securing a responsible career opportunity to fully utilize my skills with good academia and making a significant contribution to the success of the organization.

Experience

I have been working as an Assistant Professor at Silver Oak Group of Institutes Since 2 year.

Educational Qualification

Degree	University/Board	Stream	Year Of Passing	Aggregate
M.Tech	IITRAM University	Electrical	2018	9.28
B.E.	Kadisarvavishwavidhyalaya	Electrical	2016	8.52
H.S.C	Gujarat Secondary and Higher Secondary Education Board	Science	2012	70.23
S.S.C	Gujarat Secondary and Higher Secondary Education Board	-	2010	88.28

Projects Undertaken

- A novel approach on differential protection of the transformer using wavelet transform and Tunable Q-wavelet transform
- Parameter estimation of the transformer using an artificial intelligence technique
- Frequency response analysis of the transformer using wavelet transform
- Generation of the electricity by meeting of the river water and salt water
- Condition monitoring of the transformer

Publication Details

- SachinDoshi, MalviShrimali, DrKrupa Shah and Dr Manish Sharma, , “Tunable Q-Factor Wavelet Transform for Classifying Mechanical Deformations in Power Transformer”, presented at 5th International Conference on Signal Processing and Integrated Networks (SPIN 2018) held at Amity University ,Noida, Delhi-NCR ,22 - 23 February 2018.
- DrKrupa Shah, MalviShrimali, SachinDoshi and Dr Manish Sharma, “Detection of Power Transformer Winding Faults using Orthogonal Wavelet Filter Bank”, presented at 5th International Conference on Signal Processing and Integrated Networks (SPIN 2018) held at Amity University ,Noida, Delhi-NCR ,22 - 23 February 2018.
- Smit Patel, AvinashDerwal, SachinDoshi, and DrKrupa Shah, “Utilizing Genetic Algorithm and Driving Point Impedance Data to Synthesize High Frequency Circuit”, presented at 5th International Conference

on Signal Processing and Integrated Networks (SPIN 2018) held at Amity University ,Noida, Delhi-NCR ,22 - 23 February 2018.

Training and Workshop

- UltraTech cement limited unit Narmada
- UltraTech cement limited unit Gujarat cement workkovaya
- Gujarat cement work 92MW power plant
- Attained workshop on “Energy Conservation awareness” organized by GEDA, Gujarat
- Workshop on condition monitoring of the transformer

Achievements

- Best All Rounder boy during secondary and Higher secondary education
- Secured third position in long jump at National Competition held by Aditya Birla Group
- Secured many Certificate at School and University level for different Co-curricular Activities
- Secured 104th National Math’s Olympiad rank

Key Responsibility Manipulated

- Assigned lab duty in basic electrical course for 1st year B..Tech student
- Assigned lab duty in power electronic course for 3rd yearB..Tech student
- Coordinated workshop on condition monitoring of the transformer

Technical Skills

- **Software known :** Matlab, EMTP, Latex, MS Word, MS power point
- **Languages:** Basic of C language

Area of Interest

- Electrical power system & its Protections
- Electrical Machines

Personal Qualities

- Strong analytical and people Management skill
- Accuracy and Attention to details
- Passion for constant Improvement
- Ability to take sound decision

Personal Profile

Father’s Name :Mahendrabhai S Doshi
Date of Birth :19th December 1993
Nationality : Indian

Professional References

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