



Shri Vile Parle Kelavani Mandal's Institute of Technology, Dhule

FARHA NAZ

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Kharghar, Navi Mumbai 410210

Languages known: English, Hindi, Urdu, Marathi

SUMMARY

- ❖ I have the teaching experience of two academic years as an Assistant Professor from the Veermata Jijabai Technological Institute (VJTI), Mumbai.
- ❖ I have received the M.Tech. Degree in Power Systems from the Veermata Jijabai Technological Institute (VJTI), Mumbai in 2017 with 3rd rank and the B.Tech. Degree in Electrical Engineering with 4th University rank.

EXPERIENCE

- ❖ Have taught Basics of Electrical Engineering for 2 years.
- ❖ Have taught Electrical Machines for SY B.Tech.
- ❖ Conducted lab experiments for different subjects in Electrical Engineering.
- ❖ Worked and prepared course files for the subjects taught.
- ❖ Worked on MATLAB and SCILAB for teaching and research purpose.
- ❖ Worked as an FY electrical department co-ordinator for NBA.
- ❖ Worked on Electrical distribution system, Transformers and Underground and Overhead line with BEST, Mumbai

Assistant Professor (Present day)

SVKM's Institute of Technology, Dhule (10th Jun 2019 – Present day)

Assistant Professor (11 Months)

Veermata Jijabai Technological Institute (VJTI), Mumbai (18th Jul 2018 – 31st May 2019)

Assistant Professor (05 Months)

Veermata Jijabai Technological Institute (VJTI), Mumbai (1st Jan 2018 – 31st May 2018)

Visiting Faculty (06 Months)

Veermata Jijabai Technological Institute (VJTI), Mumbai (17th Jul 2017 – 31st Dec 2017)

Graduate Teaching Assistant (1 Year)

Veermata Jijabai Technological Institute (VJTI), Mumbai (1st Jul 2016 – 31st Jul 2017)

Electrical Apprentice (3.5 Months)

The Brihanmumbai Electric Supply & Transport Undertaking (BEST), Mumbai
(5th May 2015 – 15th Aug 2015)

EDUCATION**Master of Technology (M.Tech.) in Power Systems (2015-2017)**

Veermata Jijabai Technological Institute (VJTI) Mumbai
CPI – 8.56/10

Bachelor of Technology (B.Tech.) in Electrical Engineering

Percentage – 82.56

XII (Senior Secondary Certificate), Science

CBSE Board, Kendriya vidyalaya
Percentage – 69.80

X (Secondary Certificate)

CBSE Board, Kendriya Vidyalaya
Percentage – 81.60

PUBLICATIONS

[1] Farha Naz, Sarfaraz Shaikh, Dr. Alice Cheeran, Electrical Dept. VJTI, Mumbai, "DSP Based Controller for various Power Electronics Converters Used in Micro-Grid" International Journal of Recent Trends in Engineering & Research (IJRTER), Vol.02, Issue 10, pp. 18-23, Nov 2016.

[2] Farha Naz, Sarfaraz Shaikh, Dr. Alice Cheeran, Electrical Department, VJTI Mumbai, "A DSP based Controller for Boost converter and 3 Phase Rectifier with UPF used in Micro-grid" International Journal of Science & Engineering Development Research (IJSER), Vol.02, Issue 5, pp.497-503, May 2017.

[3] Farha Naz, Firdaus Naz, Dr. Alice Cheeran, Electrical Department, VJTI Mumbai, "Noise Analysis of RTD to study Degradation for Preventive Maintenance" 4th IEEE International Conference on Recent Trends in Electronics, Information, Communication & Technology, 17th May 2019.

[4] Farha Naz, Firdaus Naz, Dr. Alice Cheeran, Electrical Department, VJTI Mumbai, "Noise Analysis of RTD to study Degradation pattern of RTD using DSP processor" IEEE, June 2019, In press

PROJECT

M.Tech. Project

A DSP Based Controller for DC-DC Converter used in Micro-grid.

Worked on MATLAB for mathematical modelling and system designing, Code composer studio for communicating with DSP and Implemented the design on DSP for testing.

B.Tech. Project

A SCADA based control for Induction Motor.

CERTIFICATIONS

[1] Digital Signal Processing System Design at CDEEP, IIT BOMBAY (MHRD-TEQIP-KITE), Nov 2016.

[2] Real-time Simulation in Power Electronics at Power Electronics Dept. IIT BOMBAY (MHRD-NaMPET), May 2016.

[3] Simulation of Power Electronics Circuits at Power Electronics Dept. IIT BOMBAY (MHRD-NaMPET), May 2016.

ACHIEVEMENTS

[1] Secured Institutional Level 3rd Rank in M.Tech.

[2] 4th Rank holder of University in Electrical Engineering B.Tech.

[3] Bronze Medallist of 100 m race at Regional level.

[4] Once represented State at National level in Handball game.

Place: Dhule

Date: 10th June 2019

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