

**Name of the Faculty** : Prof. Vineetha Joseph

**Designation** : Assistant Professor

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**Education Summary** : M TECH POWER SYSTEMS- SAINTGITS College Of Engineering  
B TECH EEE St. Joseph's College Of Engineering And Technology, Palai

**Area of Interest** : Power System Control  
FACTS Devices  
Traction Power Quality  
Smart Grid

**Employment History** : 1) College of Engineering (CUSAT) , Munnar  
Ad.hoc lecturer (1 year)  
2) College of Engineering (CUSAT) , Kidangoor  
Assistant Professor (1 semester)  
3) Mar Baselios Christian College Of Engineering and Technology, Peermade (MBC CET) Assistant Professor (Since January 2014)

**Journals Published** : 1) "Negative sequence and harmonic mitigation of grid connected AC railway traction using PI and FUZZY controllers" IET xplorer  
2) "A Fuzzy Controller Based Railway Static Power Conditioner for Ac Traction" - IEEE Xplorer  
3) "Power Quality Improvement of AC Railway Traction Using Railway Static Power Conditioner a Comparative Study" - IEEE Xplorer

**International/National Conferences / Workshops / Seminars attended** : 1) International Conference on Advanced Computing and Communication Systems [ICACCS-2013] at Sri Eshwara College of engineering, Coimbatore, December 19-21, 2013 .  
2) 4th International Conference on Sustainable Energy and Intelligent System [SEISCON 2013] at K.C.G College of Technology, Chennai, Tamil Nadu, India. December 12-14, 2013

- 3) International Conference on Energy, Power, Signals, Control And Computations [EPSCICON 2014] at Vidya Academy of Science and Technology, Thrissur. January 8-10, 2014
- 4) Workshop on “Electrical Machines and Electromagnets” at Saintgits College of Engineering, Kottayam.

**Training attended:**

- : 1) Faculty Development Program on “Workshop on Electric Machine using ANSYS” at Rajiv Gandhi Institute of Technology, Kottayam.
- 2) Short Term Training Program on “Modern Trends in Substation Design” at Rajiv Gandhi Institute of Technology, Kottayam.
- 3) Faculty Development Program on “Signal Processing and Control Systems” at Mar Baselios College of Engineering and Technology, Peermade.
- 4) Short Term Training Program on “Power Electronics and Drives- Technology Advances, Trends and Applications” at Mar Baselios College of Engineering and Technology, Trivandrum.
- 5) Short Term Training Program on “Reliability Concerns of Tomorrow’s Power System” at Saintgits College of Engineering, Kottayam.