1. Name of the faculty: Yogananda B S



1. Name of the Department: Electrical and Electronics Engineering
2. Educational qualifications: M.Tech,(Ph.D)
3. Present position: Assistant Professor
4. Address for correspondence: Asst .Professor,Dept. of EEE,SSIT,Tumkur.
5. E-mail and contact number: yoganandabs@ssit.edu.in
6. Specialization: Computer Application in Industrial Drives
7. Total teaching experience: 16
8. Courses taught: B.E., M.Tech
9. Research experience: 05

# Paper Publication

# Journals

**“Power quality in grid connected wind energy conversion system”** has in IJERT journal,SEP 2021

# The paper titled “Design of power filters to improve power quality in power systems” published in IEEE xplore on 21 june 2018.

**“Analysis and simulation of a shunt active filter to solve harmonics problems”** in Global Journal of Advanced Engineering Technologies, Jan. 2014

# The paper titled “Virtual Reality Demonstration using fuzzy logic” published in IEEE xplore on 2009.

**Conference**

**Design of Hybrid Power Filter for Compensating the Harmonic Current**, in NCDDEE-15.

**Bioelectricity Generation from Urban Wastewater Using a Microbial Fuel Cell**, in NCDDEE-13.

**Workshop**

# Attended 2 days workshop on “Documentation using LATEX” at department of CSE,SSIT,Tumkur on 29th -30th april 2019.

# Attended webinar on “Smart Grid In Distribution Systems” conducted by Dept. of EEE,CIT, Bangalore on 11/6/2020.

# Attended webinar on “Latest Techniques in Automotive Industries” conducted by Dept. of EEE,CIT, Bangalore on 12/6/2020

# Attended webinar on “Electromagnetic Thermal Simulation of PMSM(IPM) Motor” conducted by ALTAIR, on 27/5/2020.

Participated in AICTE Sponsored webinar on “**Smart City**” conducted by AICTE Training and Learning(ATAL) Academy on 19/10/2020-23/10/2020

Participated in AICTE Sponsored STTP phase-3 on Smart City conducted by Department of E&EE, SSIT, Tumkur on 21st to 26th December 2020

# Attended National Level FDP on “Examination during post COVID-19” conducted by SKILLSLATE & Zovy Studios, Pune, on 8/5/2020.

# As a Speaker (Invited Talk)

# Delivered a lecturer in FDP on “Future Trends & Advances in Electrical Sciences” held on 7/04/2022 organized by department of EEE, SJBIT, Bangalore.

# Delivered a lecturer on “ Introduction to the word of PLC” held on 03/07/2020 organized by department of EEE, Cambridge Institute of Technology ,Bangalore.

# Delivered a lecturer on “ Programmable Logic Controller and its Application” held on 30/06/2020 organized by department of EEE,SJBIT,Bangalore.

# Delivered a expert lecture on “Analog Electronic Circuits” for third semester electrical students at Cambridge institute of technology, Bangalore on 26/09/2019.

# Delivered a lecture on “ Application of Electrical Engineering” for first year Electrical diploma students at siddaganga polytechnic college ,Tumkur on 18/07/2019.

# A jury member for the selection of project batches for financial assistance from VTU at SIT, Tumkur on 11/03/2019.