



K.SHALINI, M.Tech.

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Department of Electrical and Electronics Engineering (EEE)
School of Engineering & Technology,
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Academic Credentials

Degree	University	Year	Specialization
M.Tech	Sri Venkateshwara College of Engineering & Technology , Chittoor	2013	Power Electronics And Electrical Drives
B.Tech	Srinivasa Institute of Technology And Studies, Chittoor	2011	Electrical and Electronics Engineering

Teaching Experience

Organization	Designation	Period
Sri Padmavati Mahila Visvavidyalayam, Tirupati	Assistant Professor	22-06-2017 to Till Date
Sri Venkateshwara University College of engineering, SVU, Tirupati	Teaching Assistant	25-08-2014 to 31-05-2016
Sri Venkateshwara College of Engineering & Technology, Chittoor	Assistant Professor	01-08-2013 to 20-08-2014

Publications and Presentations

Publications in referred journals	: 07
Publications in International Conference	: 03
Seminars/Workshops Attended	: 04
FDP/Refresher Course/STTP Attended	: 04

Selected Key Publications

1. K.Shalini ,k.kumar,Rajasekarachari, S.R. Divya “**Advanced Five Level-Five Phase Cascaded Multilevel Inverter With SVPWM Algorithm**” paper in the “International Journal Of Electrical Engineering Technology (IJEET)”, volume 4, issue 4, July-august (2013), pp 144-158.
2. K.Shalini, “**Operation and Control of Converter Based Single Phase Distributed Generators in Utility Connected Grid**” paper in the “International Journal of Engineering and Computer Science (IJECS)”, ISSN 2319-7242, volume 6, issue 4 , April 2017.
3. Karthik, V.Divya , K.Shalini , “**Optimal Placement of Facts Device in a Series Compensated Long Transmission Line System**” paper in the “International Journal of Science & Engineering Development Research (IJSDR)”, ISSN 2455 – 2631, volume 2, issue 5, April 2017.
4. V.divya, K.Shalini, Karthik, “**Analysis and Optimal Utilization of Series Inverter UPQC for Simultaneous Voltage Sag/Swell and Reactive Power Compensation**” paper in the “International Journal For Research in Applied Science & Engineering technology(IJRASET)” , volume 5 , issue 4, April 2017.
5. K.Bhavyasri, K.Shalini , “**A hybrid statcom with wide compensation range by using fuzzy logic controller for unbalanced loads**” , paper in “ International Journal of Engineering Sciences & Reasearch Techanology(IJESRT)”, ISSN 2277-9651, August 2017.
6. P.Sravani, K. Shalini , “ **Commutation torque ripple reduction using fuzzy logic controller in BLDC motor using modified sepic converter & 3 level NPC inverter**” paper in the “Journal of Emerging Technologies & Innovative Reaserch(JETIR)”, ISSN 2349-5162, volume 5, issuce 10, October 2018.
7. N.Sujani, K.Shalini , “**Control of MicroGrid connected in cascaded with frequency P/Q Droop Controlling Method**”, paper in “International Journal of Research (IJR), volume VIII , issue VI ,ISSN 2236-6124, june 2019.

Workshops/Seminars/Faculty Development Programmes Attended

- A two days workshop on Power Systems conducted by VIT at 24th – 25th September 2010.
- A two week Workshop on Control Systems conducted by Indian Institute of Technology Kharagpur from 2nd to 12th December 2014 in SVUCE.
- A Two week Faculty Development Programme on Recent Advances in Electrical Engineering Research conducted by the Department of EEE in SVUCE from 20th February to 2nd March 2017.
- A motivative workshop on MOOCS and LMS organized by IQAC on 19th dec 2017 at SPMVV, Tirupati.

- A three days workshop on Technology enabled teaching, learning and assessment with open educational resources, education technology tools & Moodle MOOCS platform, from 29th – 31st Jan 2018 at SPMVV, Tirupati.
- A short term one week training programme through ICT mode on NBA Accreditation organized by Sri Padmavathi mahila visvavidyalaym on 22nd to 26th April-2019.
- A national level technocrat Fest conducted by school of engineering and technology at SPMVV on 3rd and 4th March-2018.
- Participated in one day curriculum development programme for building rural resilience on 7th dec 2019 organized by NSS bureau in SPMVV with collaboration with UNICEF & Mahatma Gandhi National Council of Rural Education.
- A short term one week training programme through ICT mode on Introduction to Artificial Intelligence organized by Sri Padmavathi mahila visvavidyalaym on 06th to 10th may -2019.
- A three days National Level Faculty Development Program on Present Control Systems in Industry and Research perspective on 21st -23rd June 2020 organized by svcet , Chittoor.
- One day workshop on e-sim, a first course in the IoT series for Teachers held on 21st sep 2019 in SoET, SPMVV, Tirupati.
- Published “Advanced Five Level And Five Phase Multilevel Inverter Using Flying Capacitor Voltage Balancing In Universal Bridge” paper in the “International Conference On Futuristic Trends In Electronics Engineering (ICFTEE)”, march 2013 , volume 4
- Presented “ combination of anfis and pi based add-on controller for unbalance compensation in low voltage micro grid” , in three days international conference on Green powern technology in power grid issues, challenges and control (ICGTPG-2019), held on 19th to 21st dec 2019 at SV University , Tirupati.

B.Tech and M.Tech Project Works Supervised

M.Tech Dissertations guided : 03 + 02 (pursuing)
 B.Tech Project Works guided : 05

Administrative Positions

- Worked as coordinator of MOOCS in 2017, EEE
- Member in admission committee since 2017
- Worked as assistant warden in the period of 01-08-2019 to 31-08-2020

Courses Taught	
B.Tech	M.Tech
Basic Electrical Engineering	Power Converters
Soft Computing Techniques	Neural Networks and Fuzzy Control Systems

Electrical Technology	Modern power semiconductor devices
Power semiconductor devices	
Power Electronics	
Electrical Machines III	
Electrical Measurements	
Microprocessor and Micro controllers	

I hereby declare that the above information is true to the best of my knowledge.

Date: 01.10.2020

Place: Tirupati

(K.SHALINI)