

## Profile



**C.VASAVI, M.Tech. (Ph.D)**

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Academic Consultant,  
Department of Electrical and Electronics Engineering (EEE)  
School of Engineering & Technology,  
Sri Padmavati Mahila Visvavidyalayam,  
Tirupati – 517502,  
Andhra Pradesh, India.

### Academic Credentials

Degree	University	Year	Specialization
Ph.D	Sri Venkateswara University	2016	Pursuing
M.Tech	Sri Venkateswara University	2012	Power System Operation and Control
B.Tech	JNTUA	2010	Electrical and Electronics Engineering

### Teaching Experience

Organization	Designation	Period
Sri Padmavati Mahila Visvavidyalayam, Tirupati	Academic Consultant	02-08-2022 to Till Date
Sri Padmavati Mahila Visvavidyalayam, Tirupati	Academic Consultant	18.07.2012 to 30.04.2013 15.06.2013 to 15.05.2014

### Publications and Presentations

Publications in referred journals	06 (3 SCOPUS, 3 UGC care)
Book Chapters	1 (SPRINGER)
Publications in International Conference	2
Seminars/Workshops Attended	5
FDP	1

## Selected Key Publications

- Vasavi.C, Dr.T.Gowri Manohar, “Facts Placement for Maximum Power Transfer Capability and stability in a transmission line” International journal of computational Engineering Research, Vol.2 Issue:7, Nov 2012, pp:152-160.
- Vasavi.C, Dr.T.Gowri Manohar, “Optimal DG placement and Sizing in Relay Protection Coordination and Power Quality issues” in International Journal of Electrical Engineering & Technology (IJEET), Vol.9, Issue:4, Aug-2018, PP:163-170.
- Vasavi.C, Dr.T.Gowri Manohar, “Optimal Placement of DG and Controlled Impedance FCL sizing Using Salp Swarm Algorithm” Book chapter Advances in Smart Grid Technology” **Lecturer Notes in Electrical Engineering (SPRINGER)**, vol-II, pp:257-274.
- Vasavi.C, Dr.T.Gowri Manohar, “Comparative Analysis of PSO and Proposed Hybrid (CSA-SSA) Algorithm for Optimal DG Location and FCL Sizing” Test Engineering and Management, vol.83, May- June 2020 ISSN: 0193-4120 Page No. 6352–6364 (**SCOPUS INDEXED**)
- Vasavi.C, Dr.T.Gowri Manohar, “OPTIMAL PLACEMENT OF DG AND TCI-FCL SIZING USING CROW SEARCH ALGORITHM” International Journal of Electrical Engineering and Technology (IJEET) Volume 11, Issue 5, July 2020, pp. 43-54, Article ID: IJEET\_11\_05\_005, DOI: 10.34218/IJEET.11.5.2020.005 (**SCOPUS INDEXED**)
- Vasavi.C, Dr.T.Gowri Manohar, “Comparative Analysis of Different optimization Techniques on Indian Practical system For Optimal Placement of DG and FCL Sizing” International Journal of Recent Technology and Engineering (IJARTE ), Volume 11, Issue 8, August 2020, pp. 629-643, Article ID: IJARET\_11\_08\_062(**SCOPUS INDEXED**)
- Vasavi.C, Dr.T.Gowri Manohar , “Optimal placement of DG and FCL Sizing using Fuzzy-Jaya algorithm International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-10 Issue-1, May 2021, pp:91-99.

## Workshops/Seminars/Faculty Development Programmes Attended

- Attended a Three day National level work shop on “Simulation of Power Systems Using Matlab” Dec 1<sup>st</sup> -3<sup>rd</sup> 2011, G.Pullaiah college of Engineering and Technology, Kurnool.
- Participated in a two day workshop on “Research Methodology and Technical paper writing” 26-27<sup>th</sup> Feb 2016 in Sree Vidhyanikethan Engineering College.
- Attended a National level workshop on “Research Methodology and Report Writing” 21<sup>st</sup>-23<sup>rd</sup> April 2016.S.V.University College of Engineering, Tirupathi.
- Attended a two day National level workshop on “Electrical CAD” from 29<sup>th</sup> -30<sup>th</sup> July 2016. S.V.University College of Engineering, Tirupathi.
- Participated in National level workshop on “ Microgrid with Distributed Generation and Electrical Vehicles” on 19<sup>th</sup> -20<sup>th</sup> January 2018. School of Electrical Engineering, VIT.
- Participated in Two day Faculty Development Programme on Wireless Sensor Networks – Application and Challenges” 20-21<sup>st</sup> April 2013, Sree Vidhyanikethan Engineering College.

## B.Tech and M.Tech Project Works Supervised

B.Tech Project Works guided : 1+1(pursuing)

## Administrative Positions

- Worked as Virinchi Committee member for EEE Department in 2012 SOET, SPMVV
- Worked as Time table Coordinator for EEE Department in 2013 SOET, SPMVV
- Worked as Volunteer Committee at Inter University National youth festival in 2011, Sri Venkateswara University.
- A lifetime member of Indian science Congress Association.

Courses Taught	
B.Tech	M.Tech
Power Systems	-----
Power Plant Engineering	
Circuits and Networks	
Renewable Energy Resources	
High Voltage Engineering	

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

Date:

Place: Tirupati

C VASAVI