



Dr. T.V.V.Pavan Kumar

Faculty Id	:	
Date of Birth	:	16 August , 1982
Designation	:	Associate Professor.
Years of Experience	:	Teaching : 14 years
		Industry : 0 years
Email Id	:	Pavankumart99@gmail.com
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Employment Status	:	Full Time - Ratified by JNTUH
Areas of Specialization	:	<ul style="list-style-type: none">• High Voltage Engineering.• Power Systems.
UG Degree	:	ELECTRICAL AND ELECTRONICS ENGINEERING,2003, PREC,Bhadrachalam A.P
PG Degree	:	High Voltage Engineering, 2013, College of Engineering, JNTU Kakinada, Andhra Pradesh.
Ph.D	:	Electrical Engineering, 2018, SV University, UP.
UG Subjects Taught	:	Networks, Electrical Circuits, Power Systems-I, Power Systems-II, Basic Electrical and Electronics Engineering, Control Systems, Electromagnetic Fields, Electrical machines-I, High Voltage Engineering, HVDC, Static Drives ,Power Semiconductor Drives, Modeling of Power System Components

Papers Published:

National/International Journals:

- ☞ “A Novel Nine Level Converter Topology for Grid Connection of Photo Voltaic System for Distributed Generation”; (IJETTSE) ISSN (Online) Volume-2, Issue-1, 2013.
- ☞ “Simulation of Dynamic Voltage Restorer at Different Loading conditions for Improving Power Quality”; (IJEEE), ISSN (PRINT): 2231 – 5184, Volume-4, Issue-2, 2013.
- ☞ “Design and Simulation of Grid Connected PV system Using Multilevel Inverters”; (IJEEE), ISSN (PRINT): 2231 – 5184, Volume-4, Issue-2, 2013.
- ☞ “Design of Grid Connected PV System with Boost Chopper”; (IJLAEEEE), ISSN: 2031 – 5184, Volume-2, Issue-2, 2013.
- ☞ “Simulation of Interline Power Quality Conditioner”,(IJESRT) International Journal of Engineering Sciences & Research Technology, September, 2014.
- ☞ “Design and implementation of Active power filter with adaptive control strategy for power quality improvement”; (IJEEE), ISSN (PRINT): 2231 – 5184, Volume-4, Issue-4, 2014.
- ☞ "Enhancement of Power Quality with Shunt Active Power Filter for Domestic Applications";-(IJAREEIE),ISSN (Print);-2320 – 3765;Vol. 5, Issue 6, June 2016
- ☞ "Improvement of available transfer capability in a deregulated power system using effect of multi FACTS devices";-(IJR),ISSN (Print);-2348 – 6848;Vol. 5, Volume-4, Issue-9, August 2017

As Reviewer

- ☞ International Journal of Energy and Power Engineering (IJEPE)

As Editorial Board Member

- ☞ Editorial Board Member of VSRD International Journal

As National Advisory Committee

- ☞ International Journal for Innovative Engineering and Management Research

Technical Body Membership

- ☞ Associate Member in Institute of Engineers India -AMIEI

Conferences/Summits:

- ☞ “Analysis of Distributed generators with fuzzy logic controller based inverter at unbalanced loads”-1st National Conference on Recent Trends in Engineering Education and Significance of Free Open Source Software(NCRTEEFOSS-2016)
- ☞ “Operation of De-Regulated Power Systems by enhancement of a variable transfer capability using facts devices and evaluation of economics”-1st International Conference on Latest Research in Engineering Science(ICLRES- 2017)
- ☞ “Operation of De-Regulated Power Systems by enhancement of a variable transfer capability using facts devices”-3rd National Conference on Engineering Applications(NCEA-2017)

Workshops attended:

- ☞ “Faculty Development.” –At Stanly College Of Engineering & Technology.
- ☞ “9001:2000 for Educational Institutions.”-At VRS&YRN College of Engineering & Technology.
- ☞ “Power Quality Management.”_At JNTU Kakinada.
- ☞ “8051 MICROCONTROLLERS.”-At JNTU Hyderabad
- ☞ “Computing freedom in engineering education-free software perspective.”-At TRR College of Engineering.
- ☞ “ADVANCES IN POWER ELECTRONICS & POWER SYSTEMS.”-At KLU Guntur.

Workshops Organized:

- ☞ Organized one day national level work shop on “advances in POWER ELECTRONICS” on 11 February 2011 at Hyderabad.

Achievement

- ☞ Organized one day national level work shop on “Advances in POWER ELECTRONICS” on 11 February 2011 at Hyderabad.
- ☞ Member of NSS
- ☞ Reviewer for IJEPE -2016,2017
- ☞ Editorial Board Member of VSRD International Journal
- ☞ National Advisory Committee Member International Journal for Innovative Engineering and Management Research

Books Published: None

Research Projects Undertaken: None