

## Curriculum Vitae

**SAI PALLAVI.AKKISETTI**  
D/O SRINIVAS RAO.AKKISETTI,  
D.NO:12-79,  
NETAJI ROAD,  
TADIGADAPA DONKA ROAD,  
YENAMALAKUDURU,  
VIJAYAWADA.  
Mobile: 9494506768  
Email: saipallavi@pscmr.ac.in



### Experience:

Teaching: 8 Years

Industry: NIL

### Career Profile

Year	Organization	Role
2016-Till date	Potti Sriramulu Chalavadi Mallikarjuna Rao college of Engg. And Tech., Vijayawada	<b>Assistant Professor</b>
2015-2016	Vikas Group of Institutions,Nunna	<b>Assistant Professor</b>

### Qualification

Degree and Date	Board / University	Date of Completion	% Marks
Ph.D	ANDHRA UNIVERSITY(AU)	--	ENROLLED
M.Tech(Electrical Power Systems)	JNTU-K	2015	80
B.Tech (EEE)	JNTU-K	2012	69
INTER	SRI CHAITANYA COLLEGE	2008	82
SSC	SSC	2005	78

### **The subjects handled:**

1. Instrumentation
2. Electrical Measurements
3. Utilization of Electrical Energy
4. Electrical and Electronics Engineering
5. Switch Gear and Protection
6. Electrical Technology
7. Network Analysis
8. Basic Electrical Engineering
9. Electrical Distribution Systems
10. Electrical Drives
11. Power System Operation and control
12. Renewable Energy Sources

### **Affiliation to Professional Bodies**

#### **1. IAENG**

#### **2. the IRED**

#### **3. ISTE**

#### **4. TERA**

### **Publications**

- ❖ “A Flexible Ac Distribution System Device For Photovoltaic And Mppt Technique At Micro Grid ” in International Journal of Advanced Technology in Engineering and Science (ISSN 2348-7550), Volume 02, Issue 11,November 2014.
- ❖ “Novel BipolarPWM Method with Low Ripple Current for Position Control Applications of BLDCM” in INTERNATIONAL JOURNAL OF SCIENCE AND INNOVATIVE ENGINEERING & TECHNOLOGY, MAY 2017 ISSUE VOLUME 2 ISBN 978-81-904760-9-6
- ❖ “Commutation Torque Ripple Reduction in Brushless DC Motor using Modified SEPIC Converter by Fuzzy Logic Control” in INTERNATIONAL JOURNAL OF SCIENCE AND INNOVATIVE ENGINEERING & TECHNOLOGY, MAY 2017 ISSUE VOLUME 2 ISBN 978-81-904760-9-6
- ❖ “Wireless Power Transfer”, by “Sai Pallavi.Akkiseti” has been published with the “International Journal of Engineering and Management Research”, Volume-7, Issue-2 of March-April 2017.
- ❖ “Comparison of Active Disturbance Rejection Control and Neuro Fuzzy for Multi Area Interconnected Power system has been published in International Journal of Management and Engineering”Volume IX,IssueIII of March 2019 ISSn NO: 2249-7455.
- ❖ “Management Performance of power supply quality for medium voltage distribution network” has been published in Journal of applied science and computations in Volume VII,Issue IV April-2020.

- ❖ “ANFIS based grid interfaced DFIG-WECS for power smoothening” has been published in Wesleyan Journal of Research in volume number 14, 2021.
- ❖ A Cuckoo MPPT based Sliding Mode Control for Grid tied PV System has been published in Juni Khyat in Vol-12 Issue-12 No.02, December 2022.
- ❖ Application of ANN Based UPQC for Power Quality Enhancement in Smart Grid has been published in Juni Khyat in Vol-12 Issue-12 No.02, December 2022.
- ❖ A Novel Concept Of Nine Level Active Neutral Point Converter has been published in Industrial Engineering Journal in Volume : 52, Issue 5, May : 2023
- ❖ Power Management Strategy In Pv-Wind Hybrid System With Cuckoo Search has been published in Industrial Engineering Journal in Volume : 52, Issue 5, May : 2023

### **Conferences, Seminars, Workshops & Guest Lectures Attended**

- ❖ Attended MAHILA FEST conducted at Siddhartha college
- ❖ Attended Two days workshop on “LEADERSHIP OPPORTUNITIES for PROFESSIONAL WOMEN "Organized by IEEE@ EFFTRONICS Systems Pvt.Ltdl27-28 OCTOBER 2018
- ❖ Attended 5 day FDP on “INSTRUCTIONAL DESIGN & DELIVERY” during 4/6/2018 to 8/6/2018.
- ❖ Attended 3 days workshop on “FEVICRYL WORKSHOP” from 21/12/2017 to 23/12/2017organized by Inner Wheel Club Vijayawada.
- ❖ Attended 5 day FDP on “MAGICAL TEACHER” organized by ADVANCED MINDS from November 9<sup>th</sup> to 13<sup>th</sup> 2016.
- ❖ Attended a Two Week FDP on Artificial Intelligence,Machine Learning (ML) and Deep Learning organized by Rama Chandra College of Engineering from 20<sup>th</sup> January to 1<sup>st</sup> February 2020
- ❖ Attended Three day Faculty Development Program on Advanced Research Methodology organized by Eswar College of engineering ,Narsaropet from 4<sup>th</sup> – 6<sup>th</sup> May, 2020
- ❖ Attended A One day Faculty Development Program on Best Practice for Online Teaching organized by North Strom Academy on 14<sup>th</sup> May 2020
- ❖ Attended A Three day Faculty Development Program on Electrical Vehicle organized by Mohammed Sathak A J College of Engineering ,Chennai from 20<sup>th</sup> - 23<sup>rd</sup> May 2020
- ❖ Attended A Five day Faculty Development Program on Electrical Vehicle organized by Vidya jyothi Institute of technology,Hyderabad from 11<sup>th</sup> – 15<sup>th</sup> June, 2020
- ❖ Attended A Five day Faculty Development Program on Recent Strategies on Micro-andSmart-Grid Technologies organized by GMR institute of Technology from 15<sup>th</sup> – 19<sup>th</sup> June, 2020
- ❖ Attended A Five day Faculty Development Program on Research Opportunities in Electrical Engineering and its Applications organized by P.S.R Engineering College ,Sivakasi from 18<sup>th</sup> – 23<sup>rd</sup> May, 2020
- ❖ Attended AICTE sponsored two week online FDP (Phase-I) on “ Advanced Power Electronic Applications in Power System “ organized by Department of EEE Sasi

Institute of Technology and Engineering (Autonomous), Tadepalligudem from 19<sup>th</sup>-31<sup>st</sup> October 2020

- ❖ Attended a Webinar on “Building Internet of Things using Raspberry PI” organized by department of EEE and R&D Section, Kings college of Engineering ,Punalkulam on 22-10-2020
- ❖ Attended a Expert talk under CSI student chapter on “Satellite tracking & Communication ”organized by department of CSE , Sagar Institute of Research Technology & Science, Bhopal on 22-10-2020
- ❖ Attended ATAL Five day Faculty Development Program on “Advances in Power Electronics for Hybrid Electric Vehicle-2020” organized by National Institute of Technology Andhra Pradesh. from 11<sup>th</sup> – 15<sup>th</sup> Dec, 2020
- ❖ Attended A Five day Faculty Development Program on “APPLICATION OF AI AND IoT TO POWER SYSTEMS INCLUDING SMART GRID- Phase II” organized by “SRIDEVI WOMEN'S ENGINEERING COLLEGE” from 14<sup>th</sup> – 19<sup>th</sup> Dec, 2020
- ❖ Attended A Five day Faculty Development Program on “Recent Challenges & emerging Opportunities in Electric Vehicles” organized by “PRAGATI ENGINEERING COLLEGE” from 7<sup>th</sup> – 12<sup>th</sup> Dec, 2020
- ❖ Attended A Five day Faculty Development Program on “Design and Development of Control Strategies on Electrical Power Applications - An Industrial Perspective” organized by “Prasad V. Potluri Siddhartha Institute of Technology” from 7<sup>th</sup> – 12<sup>th</sup> Dec, 2020
- ❖ Attended AICTE sponsored two week online FDP (Phase-I) on “ Advanced Power Electronic Applications in Power System phase-II“ organized by Department of EEE Sasi Institute of Technology and Engineering (Autonomous), Tadepalligudem from 23<sup>rd</sup>-5<sup>th</sup> Dec 2020
- ❖ Attended A Five day Faculty Development Program on “Simulation Software for Electrical Engineers” organized by “Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur” from 8<sup>th</sup> – 12<sup>th</sup> Feb, 2021
- ❖ Attended A Five day Faculty Development Program on “Recent Trends and Applications of GIS & Remote Sensing using AI” organized by Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering & Technology from 13-9-2021 to 17-9-2021.
- ❖ Attended A Five day Faculty Development Program on “Mobile Robotics” organized by IIT Patna from 20-9-2021 to 24-9-2021.
- ❖ Attended A Five day Faculty Development Program on “Data-Driven Strategies in Smart Power System and Control” organized by NIT, AP from 22-11-2021 to 26-11-2021.
- ❖ Attended Faculty Development Program on “Introduction to smart grid Organized by IIT, ROORKEE from Jul to Sep 2021.
- ❖ Attended A Five day Faculty Development Program on “Modern Research innovative techniques in smart grid technologies” organized by Narayana Engineering College, Nellore from 15-2-2022 to 19-2-2022.
- ❖ Attended Faculty Development Program on “I Fuzzy Sets, Logic and systems and applications” Organized by IIT, Madras from Jan to April 2022.

- ❖ Attended A Five day Faculty Development Program on “Trends in Electric Vehicle Design” organized by Narayana Engineering College,Gudur from 22-2-2022 to 26-2-2022.
- ❖ Attended Webinar on “Best practices to increase chances of getting published in IEEE Journals” organized by Department of Electrical and Electronics Engineering in association with SRM TRPEC IEEE Students Branch and IIC, Trichunapalli on 26-11-2021.
- ❖ Attended Webinar on “Recent Trends in Design of Induction Motor” organized by Department of Electrical and Electronics Engineering in association with SRM TRPEC IEEE Students Branch and IIC, Trichunapalli on 14-2-2022.
- ❖ Attended Conference on Design Thinking organized by Andhra University and presented a paper on “Review on various advanced solar cells for improving supply voltage in power systems” on 7<sup>th</sup> and 8<sup>th</sup> July 2023.
- ❖ Attended one day National workshop on “Renewable Energy with Grid Integration: Issues and Challenges” organised by the School of Electrical Engineering (SELECT), Vellore Institute of Technology - Vellore, on 15th September, 2023.
- ❖ Attended 5 Days FDP on “Artificial Intelligence and Machine Learning Algorithms organized by KKR&KSR Institute of technology from 25-9-2023 to 30-9-2023.
- ❖ Attended 5 Days FDP on “Frontier Research in Electrical Engineering”organized by Haldia Institute of Technology during 18<sup>th</sup> to 22<sup>nd</sup> September 2023.

#### **Events organized/ Conducted**

- ❖ Acted as a supporting member for 5 day workshop on PCB DESIGN organized by ECE and EEE in association with IEI student chapter held on 11/9/2018 to 15/9/2018
- ❖ Organized two day workshop on “Designing Solar Energy PV Systems” in association with IEI student Chapter held on 26th and 27th feb 2017.
- ❖ Organized five day workshop on “Designing Solar Energy PV Systems” in association with IEI student Chapter held on 6th and 10th March 2019.
- ❖ Organized Expert Lecture on “Industrial Applications Of Computer Aided Design (Cad) In Engineering” in association with IEI student Chapter held on 23-12-2021.
- ❖ Organized a Two day National level workshop on “Trouble Shooting and Servicing of Electrical Drives and appliances” in association with IEI student chapter on 28-9-23 to 29-9-2023
- ❖ Organized a Expert Lecture on “Career Opportunities through GATE” in association with IEI student chapter on 10-8-2023

**Signature**  
**Sai Pallavi.A**