



## **Mrs.D.Sangeeta Sarali**

B.E, M.Tech (Power Electronics), (Ph.D)

**Associate Professor**

Electrical & Electronics Engineering

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### **Areas of Interest:**

- Power Electronics Converters & Drives
- Energy System, Electrical Power System

### **Educational and Professional qualification**

- **Academic qualification**

- Pursuing Ph.D in Electrical Engineering, Kalasalingam Academy Of Research and Education, Krishnankoil, Tamil Nadu from Sep, 2018- as off.
- M.Tech in Power Electronics, TKREC, JNTU, Hyderabad with I class with Distinction (2010-2012)
- B.E in Electrical and Electronics Engineering , DCET, OU with I class with Distinction (1999-2003)

- **Professional Experience**

- Working as an Associate Professor in the Department of EEE, TKRCET since April 2013, June.
- Worked as an Assistant Professor in the Department of EEE, TKRCET from June 2008 – March 2013 .
- Worked as an Assistant. Professor in the Department of EEE, HITS from Jan 2005- May 2008.

- **Workshops Attended:**

1. One Week Faculty Development Programme on **“Introduction To Smart Grid”**, NPTEL-AICTE, September 2019.
2. One Week Faculty Development Programme on **“Design Of Experiments Using Taguchi Approach”** TKRCET , Affiliated to JNTU Hyderabad, 12<sup>th</sup> -17<sup>th</sup> November 2018.
3. Two Day Faculty Development Programme on **“Contemporary Power Systems & Power Electronics Application : An Orientation (CPPA)”**, Matrusri Engineering College , Affiliated to Osmania University 10<sup>th</sup>-11<sup>th</sup> October 2018.
4. One-day Faculty Development Programme on **“LaTex & Its Applications”** , TKRCET , Affiliated to JNTU Hyderabad , 22<sup>nd</sup> Feb 2014 .
5. Two-day workshop on **“Software Tools For Electrical Engineering Applications”**, TKRCET , Affiliated to JNTU Hyderabad , 28<sup>th</sup> -29<sup>th</sup> Dec 2012 .
6. Two-day workshop on **“Role Of Power Electronics Technologies For Industrial Development”**, TKREC , Affiliated to JNTU Hyderabad, 25<sup>th</sup> - 26<sup>th</sup> Feb 2011.
7. Three-day Workshop on Faculty Development Programme, by **Career Path Solutions Pvt.,** TKRCET , Affiliated to JNTU Hyderabad, 28<sup>th</sup> – 30<sup>th</sup> June 2010.
8. Three-day workshop on **“LabVIEW For Electrical & Electronics Engineers”**, Sreenidhi Institute of Science & Technology, Affiliated to JNTU Hyderabad, 8<sup>th</sup> – 10<sup>th</sup> July, 2010 .

### **NPTEL coursework:**

1. Completed a 8-week course work on **“Introduction to Smart Grids”** from June to Dec, 2019

### **List of paper publishing's:**

1. **DESIGNING OF INDIRECT MATRIX CONVERTER BASED MODEL PREDICTIVE CONTROL OF DUAL MODE OPERATION: ISLANDED AND GRID CONNECTED.**  
V. SANGEETA SARALI , Associate Professor, Volume: 20, NOVEMBER 3, 2018. Global Journal of Engineering Education.
2. **RENEWABLE BASED DC MICRO-GRID USING FUZZY CONTROL TECHNIQUE FOR INDUSTRIAL APPLICATIONS**  
V. SANGEETA SARALI , Associate Professor, International Journal of Scientific Engineering and Technology Research, ISSN 2319-8885 Vol.06, Issue.02 January-2017, Pages:0365-0370, E-mail: [sarali.vadla@gmail.com](mailto:sarali.vadla@gmail.com), Copyright @ 2017 IJSETR. <http://www.ijsetr.org/>.

**3. A NEW 31-LEVEL THREE PHASE INVERTER TOPOLOGY IN GRID INTER CONNECTION APPLICATIONS**

V. SANGEETA SARALI Assoc Prof, ISSN 2321-8665 Vol.03, IJITECH (International Journal of Innovative Technologies) / Issue.10, November-2015, Pages:1946-1950 E-mail:sarali.vadla@gmail.com.  
Available @ <http://www.ijitech.org/>

**4. “Mitigation Of Harmonics Using Thyristor Based 12 Pulse Voltage Source PWM Rectifier”**

D. SANGEETA SARALI\* et al ISSN: 2319 - 1163 Volume: 1 Issue: 3 267 – 270.IJRET | NOV 2012,  
Available @ <http://www.ijret.org/>