Ms.N.Keerthi
B.Tech, M.Tech(PE), (Ph.D)
Assistant Professor
Electrical & Electronics Engineering
Official Email: nakkakeerthi@tkrcet.com

Areas of Interest:

- Power electronics converters.
- Power quality management.

Educational and Professional qualification

- **Academic Qualification**
  - Pursuing Ph.D in Electrical Engineering ,K L University, Vijayawada from January 2017 as off.
  - M. Tech in Power electronics, TKR college of Engineering and Technology with First class with Distinction (2012-2014).
  - B.Tech in Electrical & Electronics Engineering,Brilliant Institute of Engineering and Technology with First class with Distinction(2008-2012).
- **Professional Experience**
  - Working as an Assistant Professor in the Department of EEE, TKRCET since 2015, December.

Workshops Attended:

- Attended one week NPTEL FDP program on "**Introduction to smart Grid"** held at 2019.
- Attended Two-Day Faculty Development Program on "**Contemporary Power Systems & Power Electronics Applications: An Orientation (CPPA)**", Matrusri Engineering college ,Affiliated to Osmania university 10th -11th October 2018
- Attended Two –Days national workshop on "**Smart & Green Technologies for sustainable Energy (NWSGTSE-2K17)**" in K L university, 19th-20th December 2017.
- Attended Three-Days Work shop on "**Engineering Research methodology**" in EE,K L university held during 5-7th Jan 2017 .

NPTEL Coursework's:

- Completed a 8-week course work on "**Introduction to smart Grid"** from Agu to Nov, 2019.
- Completed a 4-weeks course work on "**Electric Vehicles"** from Feb to March, 2019.
- Completed a 12-weeks course work on "**Design of photovoltaic systems"** from July to Oct,2018.

List of paper publications:

1. "Three-Phase To Five-Phase Unified Power Quality Conditioner Applied In Electric Power Distribution Loads" Global Journal of Engineering Education ,VOL 20,Issue 3-2018

2. “A Third Harmonic Injection PWM Controlled novel ZVS Single Phase Full Bridge Inverter With Dynamic Load”IJCRT1704124 , vol 5,Issue 4-2017

3. “Asymmetric Parallel Converter Based High-Power STATCOM Applied to BLDC Motor Drive Application” IJEEE , ISSN NO.2319-8885,2014