



Mr.B.Sharath kumar

B.Tech, M.Tech (EPS)

Assistant Professor

Electrical & Electronics Engineering

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Areas of Interest:

- Power systems Smart Grids and Micro Grids
- FACTS, POWER QUALITY

Educational and Professional qualification

• Academic qualification

- M.Tech in Electrical Power systems, CVSR college of Engineering (Anurag group of Institutions) Hyderabad with I class with Distinction (2011-2014)
- B.Tech in Electrical and Electronics Engineering , CJITS, JNTUH with I class (2006-2010)

• Professional Experience

- Worked as an assistant professor in the Department of EEE, REC Warangal from June 2011 to December 2011.
- Working as an Assistant. Professor in the Department of EEE, TKRCET since 2014, July.

Workshops Attended:

1. Attended One week Faculty Development Programme on “**Emerging Trends in Power & Energy : A Research Perspective**” held during 07th Aug -13th Aug-2019
2. Attended One week Staff Development Programme on “**Modern Teaching Trends in Scientific and Technical Education** ” held during 30th June -6th July-2014
3. Participated in the national conference on “**Advances and Applications in Power Systems, Power electronics and Solar Energy (AAPPS-13)**” organized by JNTUH, Nachupally (kondagattu), Karimnagar.
4. Attended in a Three-day workshop on “**Recent trends in Switch Gear and Protection**” organized by Vidya Jyothi Institute of Technology, Hyderabad.
5. Participated in a Two-day National Level Faculty Development Programme on “**Teaching Ethics and Personality Development Skills for Young Engineering Faculty – TEAPS-2011**” organized by Ramappa Engineering College, Warangal.

List of paper publishing's:

- 1. “A PFC based improved three-level ZVS AC-DC converter with single phase AC source”, IJCRT | Volume 5, Issue 4 October 2017 | ISSN: 2320-2882**
- 2. “A Three-Phase Harmonics Elimination Method for Micro-Grid Operations” IJSETR ,ISSN 2319-8885 Vol.05,Issue.32 October-2016, Pages:6628-6634.**
- 3. “Adaptive Variable Speed Control Scheme for Wind Based on PFC of BLDC Drive Applications” ISSN 2319-8885 Vol.06,Issue.06 February-2017, Pages:1145-1152**
- 4. “Voltage Quality Improvement by using Facts Devices ” International Journal of Current Engineering and Technology ISSN 2277 - 4106**
- 5. “Power Quality Improvement Using UPQC With Variable Dc Link Voltage Control” , International Journal of Research ISSN NO:2236-6124**