

## **PROFILE**

**Name:** Sri.M. Bhaskar Reddy

**Designation:** Associate Professor

**D.O.B:** 01-06-1974

**D.O.J:** 19-07-1999

**Years of Experience:** 18 Years

**Mobile:** 9160995555

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### **Experience Summary:**

- ❖ Working as Associate Professor in the department of Electrical and Electronics Engineering in KSRM College of Engineering, Kadapa (A.P.) since “**01.10.2004**”.
- ❖ Worked as Assistant Professor in the department of Electrical and Electronics Engineering, KSRMCE, Kadapa from “19.07.1999 to 30.09.2004”.

### **Academic Qualifications**

- ❖ Completed SSC in **Z.P High School** in the year **1990**.
- ❖ Bachelor of Engineering in **Electrical & Electronics Engineering** from Kuvempu University ,Shimoga.Karnataka in the year **1996**.
- ❖ Master of Technology in the Specialization of **Electrical power Systems** from J.N.T. University, Hyderabad in the year **1998**.
- ❖ Pursuing Ph.D in the area of Distribution Automation Using SCADA form J.N.T.University,Anantapuramu

### **Guidance Particulars**

- ❖ B. Tech Projects:- 30
- ❖ M. Tech Projects:- 15

### **Subjects Taught under UG & PG Level**

#### **UG Level:**

- Power Electronics
- Power Semiconductor Drives
- HVDC & FACTS
- Power Systems

- Electrical Circuits
- Electrical Machines
- Utilization of Electrical Power
- Switch Gear and Protection

**PG Level:**

- **Power System Control and stability**
- **Power Conversion Techniques**
- **FACTS**
- **HVDC**

**Journals Published**

1. M. Bhaskar Reddy and P. Durga Prasad, “Design Modeling and simulation of Fuzzy controlled SVC for 750Km ( $\lambda/8$ ) Transmission Line” IJESR, Vol. 2, No. 2, November 2012,
2. M. Bhaskar Reddy and N. V. S. Prasad, “Design of an optimal Modulation for AC-DC Harmonic Immunity in VSC HVDC Transmission”, IOSR Journal, Vol. 2, Issue 3, September 2012.
3. M. Bhaskar Reddy and P. Prasanna Kumar, “Power oscillations damping by controllable hybrid series capacitive compensation scheme” IJSETR, Vol.2, Issue 6, June 2013.
4. M. Bhaskar Reddy and V. Sujatha “Power Quality Enhancement in Wind Generation Plant by Using STATCOM Controller”, Proceedings of National Conference on Advanced Research Methodologies in Electrical Engineering, ARMEE – 2013, June 2013, pp. 15-20.
5. M. Bhaskar Reddy and V. Sujatha, “Mitigation of power quality problems in grid connected wind generation plant by using STATCOM” International Journal of Electrical and Electronics Engineering & Telecommunications (IJEETC), Vol.2, No.4, October 2013.

**Workshops Attended**

1. Workshop on “Information technology in power systems” at Aurora Engineering College, Bhongiri, HYD on 25<sup>th</sup> February, 2005.

2. National Level Workshop on “LV Switch Gear and Reactive Power Management Techniques” at PSG College of Technology Coimbatore during 5-6<sup>th</sup> Aug-2011.
3. National Level Workshop on “LV Switch Gear and Reactive Power Management Techniques” at PSG College of Technology Coimbatore during 5-6<sup>th</sup> Aug-2011.

### **Memberships**

- MIE Membership with a Membership No. **1413710**

### **Administration Service**

- Worked as Hostel Warden from 01.06.2002 to 30.09.2016
- Worked as Time-Table In-Charge for 04 times
- Working as Campus Electrical-In-Charge from 01.09.2001
- Acting as BOS member
- Played Main Role in Establishing 300KWp Solar Roof Top Power Plant in the College
- Acted as Class Teacher for 5 Time

### **Extra-curricular Activities**

Contributed services to Sramadhan Programs conducted by NSS Unit in the college and orphanage programs outside the college.