PROFILE

Name: Smt. C.N. Arpitha

Designation: Associate Professor

D.O.B: 15-06-1971

D.O.J: 22-07-1996

Years of Experience: 20 Years

E-mail: hodeeeksrmce2011@gmail.com

Experience Summary:

- Working as Associate Professor in the department of Electrical and Electronics Engineering in KSRM College of Engineering, Kadapa (A.P.) since "October, 2004".
- Worked as Assistant Professor in the department of Electrical and Electronics Engineering, KSRMCE, Kadapa from "22.07.1996 to 30.09.2004".

Academic Qualifications

- Completed SSC in **Z.P.G. High School** in the year **1986.**
- Bachelor of Engineering in **Electrical & Electronics Engineering** from JNTU College of Engineering, Anantapur in the year **1993**.
- Master of Technology in the Specialization of **Electrical Power Systems** from JNTU College of Engineering, Anantapur, in the year 2004.

Guidance Particulars

- B. Tech Projects:- **36**
- M. Tech Projects:- **12**

Subjects Taught under UG & PG Level

UG Level:

- Electro Magnetic Fields
- Power Systems-I
- Power Systems-II
- Electrical Machines-I
- Electrical Machines-II
- Electrical Circuits

- Network Theory
- Linear Control Systems
- Modern Control Theory
- Power System Operation & Control
- Power System Analysis
- Electrical Machine Design

PG Level:

- Modern Control Theory
- Power System Operation & Control
- Advanced Power System Protection
- Digital Control Systems

Journals Published

1. C.N. Arpitha and N. Vijaya Santhi, "Transmission Load ability Enhancement using FACTS Devices", International Journal of Electrical and Electronics Engineering & Telecommunications, Vol. 2, No. 1, January 2013.
2. C.N. Arpitha and M. Reddy Prasanna, "Voltage Stability Enhancement in Contingency Conditions using Shunt FACTS Devices", International Journal of Electrical and Electronics Engineering & Telecommunications, Vol. 2, No. 1, January 2013.
3. C.N. Arpitha and K. Shobha Rani, "Power Upgradation and Possibility of Small Power Tapping From Composite AC – DC Transmission System", International Journal of Electrical and Electronics Engineering & Telecommunications, Vol. 2, No. 3, July 2013.
4. C.N. Arpitha and P. Ramya, "Reduction of THD in Power System Using Generalized UPQC", International Journal of Electrical and Electronics Engineering & Telecommunications, Vol. 2, No. 4, October 2013.
5. C. N. Arpitha and P. Ramya, "Generalized UPQC System with an improved Control Method under Distorted and Unbalanced Load Conditions", Proceedings of National Conference on Advanced Research Methodologies in Electrical Engineering, ARMEE – 2013, during June 2013, pp. 37 – 40.
6. C. N. Arpitha and K. Shobha Rani, "Enhanced Power Transfer and Possibility of Power Tapping from Composite AC – DC Double Circuit

Transmission Lines", Proceedings of National Conference on Advanced Research Methodologies in Electrical Engineering, ARMEE – 2013, June 2013, pp. 10-14.

7. C. N. Arpitha and G. Renalini, "Design and Implementation of Single Phase Stand Alone Wind Based Energy System based PMSG" in IJSETR, September 2014.
8. C.N.Arpitha and C.Manasa, "Enhancement of Voltage Stability and Power Oscillation Damping by using Static Synchronous Series Compensator for a 3-Machine system" in IJSETR, pp: 6333-6335, October 2014.

Memberships

- ISTIE Membership with a Membership No. **LM 107111**
- IEI Membership with a Membership No. **M-135288-6**
- IEEE Membership with a Membership No. **90582820**

Administration Service

Actively participated and worked for various committees like NBA, NAAC, AICTE, University Affiliations and Autonomous.

Extra-curricular Activities

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