DINAKARA PRASAD REDDY P

Email: dinakarp@msn.com

Phone: + 91-9700402770

CAREER OBJECTIVE

Seeking a challenging position in an organization to utilize my skills and abilities that offers professional growth while being resourceful, innovative and flexible.

EDUCATION

Qualification	Year of Passing	University/ Board	Percentage
M.Tech (PSOC)	2010	Sri Venkateswara University	7.7 (SGPA)
B.Tech (EEE)	2007	J N T University	79.21%
Inter	2003	SCSS Junior College	94.00%
SSC	2001	Sri Padmavati High School	90.16%

JOURNAL PUBLICATIONS

1. "**Optimal Capacitor Placement for Loss Reduction in Distribution Systems Using Fuzzy and Hybrid Genetic Algorithm",** International Journal of Engineering Research & Technology (IJERT) , Pages:3182 – 3186, Vol. 2 Issue 11, November - 2013

2. **"Application of Loss Sensitivity Factor and Genetic Algorithm for Capacitor placement for Minimum Loss in radial distribution system"**, International Journal of Engineering Sciences & Research Technology, Pages: 2400-2403, September 2013.

3. **"Differential Evolution Algorithm for Optimal power flow"**, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Pages: 4043-4047, Vol. 2, Issue 8, August 2013.

4. **"Optimal Capacitor Placement for Loss Reduction in Distribution Systems by Using Bat Algorithm"**, International Journal of Electrical Engineering & Technology (IJEET), Pages: 338-343, Volume 4, Issue 2, March – April 2013.

5. **"Capacitor Placement for Loss Reduction in Radial Distribution Networks: A Two Stage Approach"**, Journal for Electrical Engineering, Pages: 114-119, Volume2, Edition2, 2012.

6. **"Application of Differential Evolution Algorithm and LS Factor for Loss Reduction in Radial Distribution Systems"**, Research Journal of Engineering and Technology, Pages: 21-24, Volume4, Issue4, October-December2011.

7. **"Improvement Of Voltage Profile In Power System Network With SVC And UPFC By Using Optimal Genetic Algorithm''**, International Journal Of Electrical, Electronics and Computer Systems (IJEECS), Pages: 61-65, Volume1, Issue2, April 2011.

8. **"Fuzzy-Differential Evolution Method for Optimal Capacitor Placement in Distribution Systems"**, Journal on Electrical Engineering (JEE), Imanager publications, Pages : 54-58, Vol 4, No 3, January – March 2011

9. **"Differential Evolution Method for capacitor placement of   distribution systems''**, International journal of advanced engineering sciences and technologies (IJAEST), Pages: 23-28, Volume No. 4, issue 2, 2011.

CONFERENCES

1. **"Optimal capacitor placement for power loss reduction in distribution systems using firefly algorithm",** The International Conference on Green Computing, Communication and Electrical Energy (ICGCCEE'14) (Accepted).

2. Paper Presented on **"Loss Reduction in Distribution systems by Optimal Capacitor placement"** in National Conference on emerging trends and applications in electrical engineering held at Siddhartha Group of engineering Institutions, Puttur.

3. Paper Presented on **"Transient stability improvement using UPFC"** in National Level Technical Symposium held at Siddhartha Educational Academy, Tirupati.

4. Paper Presented on **"Optimal Power Flow in Power System Network by UPFC"** in National Level Technical Symposium held at KMM Institute of Technology & Science, Tirupati.

5. Paper Presented on **"Electric Pulse Magnetic Braking, Mechatronics"** in National Level Technical Symposium held at S.K.P. Engineering College, Tiruvannamalai.

WORKSHOPS/FACULTY DEVELOPMENT PROGRAMMES

1. Participated in a Two-week ISTE Workshop on **"Database Management Systems"** Conducted by Indian Institute of Technology Bombay.

2. Participated in a Two-week ISTE Workshop on **"Analog Electronics"** Conducted by Indian Institute of Technology Kharagpur.

3. Participated in a Two-Day ISTE Workshop on **"Aakash for Education"** Conducted by Indian Institute of Technology Bombay.

M.TECH PROJECT

Title: Differential Evolution Method for Optimal Capacitor Placement in Distribution Systems.

This Project Work presents a fuzzy and differential Evolution (DE) method for the placement of capacitors on the primary feeders of the radial distribution systems to reduce the power losses and to improve the voltage profile. Fuzzy approach is used to find the optimal capacitor locations. Differential Evolution method is used to find the sizes of the capacitors. The proposed method is tested on 15-bus, 34-bus and 69- bus

SUBJECTS AND LABS HANDLED

SUBJECTS HANDLED
1. Generation of Electric Power
2. Electrical Machines-II
3. Electrical Circuits
4. Basic Electrical Engineering
5. Digital Control Systems
6. Power System Analysis
7. Control Systems
8. Computer Methods in power systems
9. Power Systems I

LABS HANDLED
1. Electro Mechanical Energy Conversion Lab I
2. Electro Mechanical Energy Conversion Lab II
3. Basic Electrical Engineering Lab
4. Circuits & Networks Lab
5. Power System Simulation Lab
6. Mat lab
7. Electrical Technology Lab

test systems. The results are more promising when compared to other algorithms.

TECHNICAL SKILLS

- Technical Packages   :   MATLAB8.1.0 (R2013a), ETAP 7, PSIM.
- Languages   :   Basics of C.

MEMBERSHIPS

- IEEE Member
- Member of Indian Society For Technical Education (ISTE)
- Associate Member of Universal Association of Computer and Electronics Engineers.
- Member of Electrical Engineering Portal.

PERSONAL DETAILS

Name   : Dinakara Prasad Reddy P

Fathers Name   : Munirathnam Reddy P

Sex   : Male

Nationality   : Indian

Marital Status   : Single

Languages Known   : Telugu, English and Hindi

Permanent Address   : D No: 5-112A, Kalisam Building Opposite, Avilala Bypass,

                          Tirupati-517507.Andhra Pradesh, India.

DECLARATION

I hereby declare that the details cited above are true to the best of my knowledge and would like to state that given an opportunity, I will work with determination and devotion to the best of my abilities.

Place:

Date:

(P.DINAKARAPRASAD REDDY)