

Sangameshwara

16/1/42, 6th cross
santhosh nagar, Attur Layout, yelahanka
Bangalore - 560064
Sangam4june@gmail.com
(+91) 7353837129



EDUCATION

- **M.E in Power & Energy Systems** from UVCE, Bangalore University, Karnataka. Completed in the year 2012.

Thesis: Design & Analysis of Dynamic Voltage Restorer for Deep Voltage Sag & Harmonic compensation
A dynamic voltage restorer (DVR) to compensate deep voltage sags and harmonics is proposed. The DVR consists of shunt and series converters connected back-to-back through a dc-to-dc step up converter. The presence of the dc-to-dc step converter permits the DVR to compensate deep voltage sags for long duration. The series converter is connected to the supply side whereas the shunt converter is connected to the load side. With this configuration, there is no need for large dc capacitors. A design procedure for the components of the DVR is presented under a voltage sag condition. The control system of the proposed DVR is based on hysteresis voltage control. Besides voltage sag compensation, the capability of compensating load voltage harmonics has been added to the DVR to increase the power quality benefits to the load with almost negligible effect on the sag compensation capability. The proposed DVR is modelled and simulated using SIMULINK/MATLAB environment. Time domain simulations are used to verify the operation of the DVR with linear and non-linear loads.

- **B.E in Electrical and Electronics Engineering** from UBDT College of Engineering, Davangere, Karnataka India. Completed in the year 2007

Project Work: "Control Systems and Trouble Shooting in Wind Power Generation"

The work aims at studying the Wind Energy Conversion system- its concept and importance. I studied the general concepts of Wind Energy Control System (WECS) with an emphasis to study the control system and trouble shooting in those systems.

COMPUTER PROFICIENCY

Using Windows, Linux operating systems and MS Office. Circuit Simulations using PSPICE, MATLAB, Electrical CAD and MIPOWER.

PROFESSIONAL EXPERIENCE

3 years of experience in teaching & 2 years of experience in industry

STRENGTHS

- Positive Mental Attitude, Time Consciousness
- A Quick & fast learner.
- Good Communication and analytical skills.
- Flexible - can adjust to new situations very quickly.
- Capability of handling complex situations and working under pressure.
- Friendly and self-motivated and keen to maintain the morale always at high levels.

NATURE OF JOB

Handling theory and Practical classes for undergraduate students, other academic works.

Theory subjects handled: Control Systems, Modern Control Theory, Basic Electrical Engineering, High Voltage Engineering, Power System Operation and Control, Computer Aided Electrical Drawing.

Labs handled: Control Systems Lab, High Voltage Lab, CAD Lab, Power System simulation Lab

AREAS OF INTEREST

Control Systems, Power system Optimization, Load Flow Studies and other simulation studies in Power System.

PUBLICATIONS/WORKSHOPS/SEMINAR

- Attended three day work shop on "Electrical CAD", Conducted by MSEC during 06-12-2012 to 08-12-2012
- Attended three day work shop on "Electrical CAD", Conducted by Sir MVIT during 15-01-2013 to 17-01-2013
- Attended one day work shop on "Electrical Safety", Conducted by MSEC during 05-09-2014

MEMBERSHIP IN PROFESSIONAL BODIES

IEEE Member:

ISTE Member: Life Time Membership LM90198

INDUSTRIAL TRAINING

Undergone two months industrial in BHEN EDN Mysore Road Bangalore in 2011

PERSONAL

Date of Birth	04 th March 1985
Gender	Male
Fathers name	Annadanayya
Nationality	Indian
Languages known	English, Kannada, Hindi
Religion	Hindu Lingayath
