

0A.NAROTHAM REDDY

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An enthusiastic & high energy driven professional targeting challenging & rewarding opportunities in **Electrical Operations & Maintenance** with an organization of high repute

PROFILE SUMMARY

- An **Electrical & Electronics Engineer** with zeal to make a winning career in the field of **Electrical Operations & Maintenance**
- Hands-on experience in software like **MATLAB**
- Completed internship on **Electrical Machines from Bharat Heavy Electrical Ltd., Hyderabad in 2015**
- Knowledge in installation & maintenance of solid state equipment & electrical control systems and modification of electrical parts, prototypes & systems; skills in providing technical assistance & resolution
- Aptitude for grasping new technical concepts quickly and utilizing the same in a productive manner
- Capabilities in analyzing & interpreting unique problems, with a combination of project experience and logical thinking to find the right solutions
- An ambitious & hardworking individual with excellent relationship management skills and the capability to manage time effectively

ACADEMIC DETAILS

- B.Tech. (Electrical & Electronics Engineering) from DVR College of Engineering and Technology, JNTUH, Sangareddy in 2016 with 77%
- Intermediate from narayana Junior College (Board of Intermediate), madinaguda in 2012 with 95.6%
- SSC from A.P. Residential school (Board of Secondary Education), borabanda in 2010 with 93%

ACADEMIC PROJECTS

Title: A New Multi Level Inverter Topology Grid Interconnection of PV System

Duration: 45 days

Technology: MATLAB

Description:

The project focused on developing a new type of Multi Level Inverter which converts the DC into AC using less number of switches as compared to conventional multilevel Inverters. The proposed Inverter can be used to integrate the Photovoltaic system into a Grid by satisfying the grid requirements such as Phase Angle, Frequency and Amplitude of the Grid voltage. Seven level and thirteen level proposed MLI is simulated using MATLAB/Simulink environment and the corresponding results were presented in the project.

Title: Modeling and Simulation of Wind Energy Photo-Voltaic Energy System

Duration: 15 days

Technology: MATLAB

Description:

The project focused on evaluating technical feasibility of PV-wind hybrid system in given range of load demand and developing a Photovoltaics (PV) method for generating electrical power by converting solar radiation into direct current electricity using semiconductors that exhibit the photovoltaic effect. Photovoltaic power generation employs solar panels composed of a number of solar cells containing a photovoltaic material.

INDUSTRIAL TRAINING AND EXPERIENCE

Organization: Bharat Heavy Electrical Ltd., Hyderabad
Title: Electrical Machines
Duration: 15 Days (in 2015)

Organization: ESENNER TRANSFORMER LIMITED
KAPSTON MANAGEMENT LIMITED,
NAGARJUNA CONSTRUCTION LIMITED.
Title: electrical maintenance, production
work experience: 4 years experience in a shift engineer

IT SKILLS

- MATLAB
- C Programming
- MS-Office (Word, Excel, PowerPoint), Windows OS

EXTRACURRICULAR ACTIVITIES

- Worked as Web Casting Technician for Government of Andhra Pradesh in General Elections 2014
- Completed the Digital Literacy Trainer's Programme conducted by Telangana Information Technology Association (TITA) in 2015
- worked as a one year GET training in BHARATH DYNAMICS LIMITED.

PERSONAL DETAILS

Date of Birth: 9th March 1995
Languages Known: Telugu, English & Hindi
Address: H. No. 2-108 Shankarpally, Ranga Reddy 501203