

CURRICULUM VITAE

M.Venkateswara Reddy,
S/O M.Prasad Reddy,
Tukkuluru(post),Nuzvid(Mandal),
Krishna District, Andhra Pradesh.

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venki_mallireddy@yahoo.com

CAREER OBJECTIVE

To work in challenging environment as an Electrical Engineer. Utilizing my knowledge to my best in providing solution in diverse domains and also where i can upgrade my skills all the time according to the global market.

EDUCATIONAL DETAILS

- 1) Technical Qualification:** Pursuing **Ph.D (electrical engineering)**
University : **Osmania University, Hyderabad**
Year of passing : pre Ph.D completed in 2009, planning to submit the thesis
- 2) Technical Qualification:** M.E, Power Electronics And Drives
University : **Jerusalem College of Engg.** Affiliated to Anna University, Chennai
Percentage : **57%**
Year of passing : 2006
- 3) Technical Qualification :** B.E, - Electrical and Electronics Engineering
University: **Thangavalu Engineering College** affiliated to **University of Madras,** Chennai
Percentage : **61%**
Year of passing : 2003
- 4) Technical Qualification :** **Diploma in Mining engineering** from **Govt. Polytechnic,** Kothagudem.
Percentage : **51.4.00%**
Year of Passing : 1997
- 5) S.S.C :**
Percentage : **67.400%**
Year of Passing : 1994
- 6) Special course :** Introduction to Renewable Energy Course –online!
Institution : **solar training and renewable energy education, Carbondale**

Computer Proficiency

.Technical Skills:

1003.33	0.00–1120.00	89.58 %
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Operation Systems : Win'95/98/XP.
Languages : C, C++
Packages : MS –Office.
Others : Protection schemes for Power Systems, Electrical Drives,
Simulation software's: P-Spice, MAT LAB, PSIM, PSAF, EMTP-RV and PSCAD

Hobbies:

Gardening, listening music, Cricket and Cooking.

Strengths:

- ❖ Quick learner and innate ability to teach and train others.
- ❖ Self-confidence, having faith, positive attitude.
- ❖ Strong will to work Hard.
- ❖ Demonstrated ability to react and perform well under pressure while managing the Challenging assignments, excellent problem solving skills
Able to organize tasks & complete with Tenacity & thoroughness
strong Communications Skills & honesty punctual patience co-operation & Respectful

WORK EXPERIENCE

I have worked as sub engineer (trainee) in an underground and open cast coal mine nearer to Kothagudem, Andhra Pradesh from July 1997 to June 1999

I have worked as Asst. Professor in EEE dept. at **Mother Teresa Institute of Science and Technology, Sathupally, Khammam**, from July 2005 to 27.sep.2007

I have worked as H.O.D OF EEE DEPT at **Mother Teresa Institute of Science and Technology, Sathupally, Khammam** from 27.09.2007 to 13.08.2008

I have worked as H.O.D OF EEE DEPT at **Sri Rama Institute of Technology & science kupenakuntala, penuballi, Khammam**, from Aug 2008 to Jan 2009

I have worked as an Assoc.Prof in EEE Dept. at **Sai Spurthi Institute of Technology, B.gangaram, Sathupally, Khammam** from Jan 2009 to May 2011

I have worked as an Assoc.Prof & HOD in EEE Dept. at **Vikas college of Engg. and technology , Nunna, Vijayawada, Krishna dist Andhra Pradesh** from June 2011 to may 2015

I have worked as an Assoc.Prof in EEE Dept. at **Rrs College of engineering and technology, PATAN CHERUVU, Hyderabad**, from June 2015 to Jan 2016

Presently working as Asst.Prof in EEE Dept. at Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies and Research, Nashik. Jan 2016 to till date

ACADEMIC PROJECT WORK

Academic project 1 (D.MN.E)

Title: long wall mining

This project deals with the different types of extraction of coal in long wall by using different long wall coal machines & their operation

Academic project 2 (B.E)

Title: Power system protection

This project deals with protection of Turbo Alternators, bus bars, and transformers by using different circuit breakers from internal & external faults.

Project 3 (M.E)

Title: A low frequency to high frequency AC- AC inverter with soft switching

This project deals with a full bridge ac-ac inverter for high frequency power distribution system controlled by a unified controller.

Presently working Project 4 (Ph.D)

Title: Inter line power flow controller

This project deals with design & implementation of inter line power flow controller for transferring power from over loaded line to under loaded line

POWER ELECTRONIC DESIGN SUMMARY

- High power inverter designs (1KW – 100KW) using IGBT devices, very strong design knowledge of inverters including gate drive design, low inductance bus design, and high power snubber design.
- Exhibit a superb background in power electronic device knowledge and design, with heavy focus on IGBT, MOSFET, and SCR technologies.
- Understand the effects of PWM waveforms on motor and transformer insulation systems.
- Power supply design (both linear and switching), using many of the standard switching topologies.

Research & development:

- worked as DIRECTOR R&D Dept. in **Mother Teresa Institute of Science and Technology & Sai Spurthi Institute Of Technology, Sathupally** handled various projects related to power systems, designing of Power Electronics products using MOSFETs, IGBTs, GTOs, SCRs etc.,
 - Experience in selecting the right devices / components and also in Power Simulation Models. LIKE PSICE, MATLAB ,PSIM, EMTP _RV, B2SPICE

Special Achievements & Awards:

Recently I have submitted paper on Enhancement of voltage profile for IEEE 14 bus system with Inter line power flow controller in 10th international conference on intelligent systems and control (ISCO) conducted by KARPAGAM College of Engineering, Coimbatore and accepted for presentation/publication

I am working as reviewer for 2015 conference on power, control, and communication and computational technologies for sustainable growth conducted by G.pullareddy College of engineering, Kurnool (<http://pccctsg-conf.org>)

I am working as chief superintendent for DIPLOMA (APSBTET) board examinations

I am working as editorial advisory member for international journal of advanced technology in engineering and science (<http://www.ijates.com/editorboard.html>)

- I have PRESENTED a paper TITLE ON "***LOW FREQUENCY TO HIGH FREQUENCY AC-AC INVERTER***" in ***NATIONAL CONFERENCE*** conducted by Bharat Institute of Higher education and research, Chennai.
 - Paper Presented in NATIONAL CONFERENCE TITLE ON" ***NEW SINGLE PHASE NEAR UNITY POWER FACTOR PWM CONVERTER / INVERTER FED 3 PHASE INDUCTION MOTOR ON 2,3-4-2010*** in Valliammai Engg. College Kattankulathur, Chennai.
 - Submitted A paper title on "***Design of Controller for an Interline Power Flow Controller and Simulation in MATLAB***" in INTERNATIONAL CONFERENCE conducted by ACEEE (PEIE2011) and it is PRESENTED AND PUBLISHED
 - Submitted a paper on Transformer less Dc – Dc Converter in International Journal of Engineering Trends and Technology- Volume2 Issue 3- 2011 by IJETT
 - Submitted a paper on The High Voltage Engineering Accelerator For High Energy/ High Current Ion Implantation in International Journal of Advances In Computer, Electrical & Electronics Engineering –Volume-1 Issue 2, April-Sep 2012
- Recently submitted paper on DESIGN OF MULTI LEVEL CONVERTER FOR INTERLINE POWER FLOW CONTROLLER IN MATLAB/SIMULINK in international journal of emerging technology and advanced engineering and accepted for publication (The Volume 3, Issue 11 of IJETAE and published on 20 Nov 2013)
- I have attended one week course on ***RECENT TRENDS ON HIGH VOLTAGE TESTING***, conducted by **Indian Institute of Technology, Madras.**

- I have attended a two-day course ON “RECENT **TRENDS ON HIGH VOLTAGE TESTING**”, conducted by Saradhi Institute of Technology, Nuzvid.
- I have attended a two-day course ON “RECENT **TRENDS ON HIGH VOLTAGE TESTING**”, conducted by USHA RAMA TRLAPROLU,
- Assigned as a **Project Co-ordinator and in charge of R&D DEPT** in Mother Teresa Institute of Science and Technology, Sathupally.
- Assigned as a **Project Co-ordinator and in charge R&D DEPT** in SAI SPURTHI INSTITUTE OF TECHNOLOGY
- Assigned as a **Project Co-coordinator and in charge R&D DEPT** in Vikas college of engg.and technology
- Holding a **LIFE MEMBERSHIP** from ISTE Organization.

PERSONAL PROFILE

Name : M. Venkateswara Reddy
 Date of Birth : 02-07-1979
 Father's Name : Mallireddy Prasad Reddy
 Sex : Male
 Marital Status : Married
 Languages known : Telugu, Hindi, English & Tamil
Passport no : **j0666040**
 Permanent Address : M. Venkateswara reddy,
 Tukkuluru (Post),
 Nuzvid (M.D),
 Krishna (dist).
 Andhrapradesh
 India
 521201

STRENGTHS

- ✓ Efficient time management and responsibilities handling capability.
- ✓ Good at working efficiently in a group as well as an individual.
- ✓ Leadership qualities, confident with better communications skills.

DECLARATION

I here by affirm that the above information is true to the best of my knowledge

Date:
Place:

M. Venkateswara Reddy