Veera Bhadrachary GADE

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CAREER OVERVIEW

An innovative and enthusiastic electrical engineer is passionate to become data scientist. Through my 5 years of teaching experience about bringing exceptional lecturing skills and expertise in modelling power system models in various academic software platforms. Moreover, through my 3.5 years of Ph.D research work about application of least square regression method for stability, security, and economy optmization in power systems by using meta-heuristic algorithms. Profiient in creating data regression models,building predictive modeles, data processing, and data visualising in python to solve problems. Also, relevent skills include Jupiter, numpy, pandas, matplotlib, seaborn, statastics, scikit-learn, and machine learning.

SKILLS

PROGRAMMING LANGUAGES	*Experienced:* Python	Matlab	latex-TexStudio	Matpower	Objective-C++	Objective-C
ACDAMIC SOFTWARES	*Experienced:* Matlab	EMTP-RV	PSCAD	PSPICE	PSIM
ACDAMIC SOFTWARES	*Familiar:* JMAG	POWERFORGE	POWER WORLD	PVSYST	PSAT	TINA	OPAL-RT
FRAMEWORKS & LIBRARIES	Jupyter	Matplotplib	Numpy	Pandas	Scikit-learn	seaborn	Machine learning
LANGUAGES	*Native:* Telugu *Fluent:* English *Moderate:* Hindi
DATA SCIENCE	*Learning:* Machine Learning with Python course is going on now.

HOBBIES AND INTERESTS

ACADAMIC	:	Learning new softwares and tools	Pasanate to buid models to fix problems in data science
PERSONNAL	:	Reading books	Listining music

EDUCATION

(Ph.D.) IN POWER SYSTEMS	9.0 SGPA	*Jul 2017-**Present***
VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY & RESEARCHVadlamudi,Guntur,A.P,India-52213		
Research Scholar and Teaching Assistant		
M.TECH. IN POWER SYSTEMS	69.87%	*Jul 2011*
R.V.R & J.C COLLEGE OF ENGINEERING,Chowdavaram,Guntur,A.P,India-522019.		
B.TECH. IN ELECTRICAL AND ELECTRONICS ENGINEERING	63.08%	*May 2008*
VIGNAN'S ENGINEERING COLLEGE,Vadlamudi,Guntur,A.P,India-522213.		
DIPLOMA IN ELECTRICAL AND ELECTRONICS ENGINEERING	73.93%	*Apr 2005*
K.D.R GOVT POLYTECHNIC, Wanaparthy,Mahaboobnagar,A.P,India-509103.		
I.T.I IN ELECTRICIAN TRADE	80.57%	*Jul 2001*
A. P. S. W. R. ITI, Macherls,Guntur,A.P,India-522426.		
S.S.C	67.66%	*Mar 1999*
M.P.Z.P HIGH SCHOOL,Piduguralla,Guntur,A.P,India-522413		

PROFESSIONAL EXPERIENCE

VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY & RESEARCH.	*Jul 2017-Present / Guntur*
RESEARCH SCHOLAR AND TEACHING ASSISTANT	
SRI MITTAPALLI COLLEGE OF ENGINEERING.	*Jun 2015-Apr 2017 / Guntur*
ASSISTANT PROFESSOR	
CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY.	*Jun 2011-Apr 2014 / Guntur*
ASSISTANT PROFESSOR	
R.V.R & J.C COLLEGE OF ENGINEERING	*Jun 2008-Apr 2009 / Guntur*
LECTURER	

ACADEMIC ACTIVITIES AND ACHIEVEMENTS

- Gate rank 1466 with 90.3 Percentile (2008).

- Ratified by jntu kakinada (2015).

- Real-Time applications of Opal-Rt for power electronics, smart grid and micro grid, organized by School of Electrical engineering,VIT Chennai.(International FDP)

- Metaheuristic algorithm for extracting maximum power from a Solar PV generation system, organized by NIT srinagar.(IEEE webinar).

- TEQIP-III: A 5-day continuing education program on Advanced Technologies in Power Engineering in NIT Warangal, Telangana.

- International conference on " Innovations in Power, Energy and Intelligent control systems " in VFSTR, Vadlamudi, A.P.

- Smart DC micro grid solutions remote area electrification, organized by Central university of Haryana.(webinar).

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- DCS and its applications to power sector, organized by Central university of Haryana.(webinar)

- Power train and Electro magnetic transients, organized by Department of Electrical and Electronics Engineering,New Horizon College of Engineering, Bangalore, in association with PWSIM Engg. Solutions Pvt Ltd.(workshop)

- Transformer dielectric fluid technology, organized by IEEE standards association and IEEE pes gujarath chapter.

- Workshop on "LATEX" in VFSTR, Vadlamudi, A.P.

- A National Conference on "Emerging Trends in Power Energy and Contro" in VFSTR, Vadlamudi, A.P.

ACADEMIC PROJECTS

My projects

- Power system osculations damping in WSCC 9 bus system by using fuzzy-pod-upfc controller.

- Fuzzy logic control of variable speed drives.

- Automatic mast light.

Projects handled during career.

- Building integrated photovoltaic system with energy storage and smart grid communication.

- Three area load frequency control with fuzzy and conventional controllers.

- Prony analysis for power system transient harmonics.

- Energy scavenging from vibrations.

- Power quality improvement in WSCC 9 bus system with STATCOM.

- Simulation of fuzzy logic controlled grid interactive inverter.

- 18-pulse ac-dc converter fed vector controlled induction motor drive.

DECLARATION

I here by declare that the above written particulars are best of my Knowledge and Belief.

Date:
Place: Guntur.

G.Veera Bhadra Chary
Signature.