



Name: Nartu TejeswaraRao
Employee ID: A5EEE00T58

Designation: Associate Professor

Department: EEE

Date of Birth: 09/02/1980

Father Name: N. Nookayya

Mother Name: N. Mahalaxmi

Reservation Category if Any: BC-D

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Date of Joining in the Institution: 22-07-2015

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
M. E	Andhra University	FIRST Class	2004
B.E	Andhra University	FIRST class	2001

Total Years of Experience (Teaching/Industry): 14

Period		Organization/Institution/Industry	Designation
July 2015	Till Date	AITAM, Tekkali	Associate professor
September 2006	July 2015	M.V.G.R college of Engineering, VZM	Senior Assistant Professor

September 2004	September 2006	AITAM, Tekkali	Assistant Professor
July 2003	July 2004	A.U college of engineering, Vizag	Teaching Assistant

Areas of Interest:

Power Systems – Application of AI in power system optimization, Application of FACTS devices in power system stability improvements and Transient stability of multi machines systems.

Guidance of Academic Projects:

- i) Doctoral Projects : - NIL
- ii) Masters Projects : - 03
- iii) Bachelor Projects : 30

Honors and awards received:

1. GATE-2002 (Graduate Aptitude Test in Engineering) Fellowship from MHRD, India to pursue M. E (Power System).
2. Letter of Appreciation for being a mentor for *GATE-EXAMINATION* Training Program successfully conducted by the Department of EEE for B.Tech Students
3. Letter of Appreciation for being a course coordinator in a one day workshop on “*INTRODUCTION TO MATLAB AND IT’S APPILICATIONS*” organized by Department of EEE on 2nd September 2008 for the benefit of faculty members.
4. TOP 5% in NPTEL Online certification

Memberships of Professional Societies and Other Organizations: - Life Member of ISTE (The Indian Society for Technical Education)

Other Responsibilities:

1. Gate Orientation and Training:
 - I. A semester wise Orientation and Training Module

Action Plan: 1. Identifying strengths and weaknesses of students for goal setting

 2. Design of group specific syllabus, and tests
 3. Plan for involvement of Dept. faculty (Inter Dept. also if required)
 4. Personal counselling of students for facing various competitive exams
 - II. Conducting *Mock GATE* exams for benefit of students.
 - III. Facilitating healthy faculty interactions:

- a. for building knowledge sharing culture
 - b. for creating a team of *GATE* trainers
 - c. for creating *research groups*
2. Supervised the installation of *POWER SYSTEMS* lab.
 3. In-charge of *POWER SYSTEMS* lab.

Details of Book Publications: -Nil

Details of Publications:

Journals:

1. **Tejeswara Rao Nartu**, Mani sanker matta,sravani kortana,Ravikumar bodda, “A fuzzified Pareto multi objective cuckoo search algorithm for power losses minimization in corporating SVC”, Soft Computing ,springer (**SCI**).
2. N. Ramesh, B. Lokanadham, **N. Tejeswara Rao**, “Optimization of MRR and surface roughness for turning of AA6061 using Taguchi method and PSO”, International Research Journal of Engg. And Technology, Vol.3 (11). Nov.2016.

Conferences Papers:

International conferences:

1. **N. Tejeswara Rao**, J. Ch. Yadav. B, A. Jaganadham, “Optimal reactive power flow control for minimization of active power losses using particle swarm optimization” in IEEE Conference on power, control, communication and Technologies for Sustainable Growth (PSCCCTSG), 2015
2. **N. Tejeswara Rao**, P. A. Mohan Rao, “Direct solution of bus voltages by using sparcity and optimal ordering algorithm” in the proceedings of the IEEE international conference on Electrical, Electronics, Signal, Communication and Optimization (EESCO) held on 24th and 25th January 2015.

National Conference:

1. K. S. Ravi Kumar, **N. Tejeswara Rao**, “Improvement in first swing transient stability Fuzzy logic power system stabilizer in an electrical power system” in National Conference on Automation, Communication & Computing 2010.

Details of Conferences / Workshops / Refresher Courses Organized: Nil

Details of Conferences / Workshops / Refresher Courses Attended:

S.No	Date	Name of the Programme	Host Institution
1	3 th -8 th December,2018	Machine Learning and IoT	A.U college of engineering ,Visakhapatnam.
2	Aug_Sep 2018	NPTEL-AICTE FDP	IIIT, Madras
3	22 nd -27 th Sept., 2016	Optimization Techniques for Electrical Engineering Applications	AITAM, Tekkali
4	14 th -15 th March,2015	Soft computing techniques	M.V.G.R College of Engineering. Vizianagaram.
5	21 st to 22 nd Nov 2014	International Workshop on Synchrophasor Measurements for Smart grid	M.V.G.R College of Engineering. Vizianagaram.
6	30 th June to 1 st July 2014	Synchronousphasor applications to the power systems	AU College of Engg., Andhra University, Visakhapatnam
7	24 Th to 26 th January 2014	Power Quality Improvement in Hybrid energy System	M.V.G.R College of Engineering. Vizianagaram.
8	23 rd to 24 th January 2014	Nuclear Energy for National Development	BHABHA ATOMIC RESEARCH CENTRE and M.V.G.R College of Engineering. Vizianagaram..
9	2 nd to 6 th Sept. 2013	MATLAB for Engg Applications	M.V.G.R College of Engineering. Vizianagaram.
10	19 th to 23 rd Aug., 2013	NI LabVIEW Training Program	M.V.G.R College of Engineering. Vizianagaram.
11	1 st and 2 nd March, 2013	Advances in Signal and Image Processing	AITAM, Tekkali
12	9 th to 23 rd July 2012	A two week PLC training Program	NDA Training and services, Visakhapatnam
13	16 th to 29 th April 2012	Soft Computing Applications to Power System and Control MATLAB	AITAM, Tekkali
14.	17 th to 18 th Dec. 2011	Artificial Intelligence Techniques in Engg. Applications	M.V.G.R College of Engineering. Vizianagaram.
15	4 th to 11 th June 2010	Mission 10X	M.V.G.R College of Engineering. Vizianagaram.
16	4h Oct 2008	Recent Trends in Electrical Engg.	M.V.G.R College of Engineering. Vizianagaram.
17	6 th and 7 th Sept. 2008	Advances in Electrical Engg.	AITAM, Tekkali
18	16 th to 22 nd June 2008	Use of MATLAB Tool Box for Real Time Applications in Electrical Engg.	BITS MESRA
19	23 rd and 24 th	Mathematical Techniques	M.V.G.R College of

	May 2008	and their Applications to Engg. And Physical Problems	Engineering. Vizianagaram.
20	17 th and 18 th Feb. 2007	Latest advances in Power Systems	ANITS, Visakhapatnam
21	2 nd and 3 rd Feb. 2007	Emerging Power Scenario in India	M.V.G.R College of Engineering. Vizianagaram.
22	28 th and 29 th Jan., 2005	Emerging Trends in Power Sector	AU College of Engg., Andhra University, Visakhapatnam

Other Achievements:

Signature