

Name: P.Guruvulu Naidu

Employee ID: A5EEE0T19

Designation: Sr.Assistant Professor

Department: EEE

Date of Birth: 06-04-1983

Father Name: P.Varahanarasimhulu

Mother Name: P.Visalakshi

Reservation Category if Any: BC-A

Address: Gattumudipeta (vill), Amadalavalasa (Mdl), Srikakulam

Mobile Number: 9052986988

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Date of Joining in the Institution: 21-05-2012

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
PhD	JNTUK, Kakinada	Pursuing	Aug./ 2012
M. Tech (EEE)	JNTUH, Anantapur	FIRST class with distinction	Nov./2008

Total Years of Experience (Teaching/Industry): 08 Years

Period		Organization/Institution/Industry	Designation
June 09	Till Date	AITAM, Tekkali	Asst.Professor
Jan 08	May 09	REC, Vishakapatnam	Asst.Professor
July05	June 06	GITS,Bobbili	Asst.Professor



Areas of Interest:

1. Power Electronics
2. Power semi conductor drives
3. Electrical power systems

Guidance of Academic Projects:

- i) Doctoral Projects : -
- ii) Masters Projects : 01
- iii) Bachelor Projects : 08

Sponsored Research Projects:

S. No.	Sponsoring Agency	Title of the Project	Grant
-	-	-	-

Memberships of Professional Societies and Other Organizations: ISTE

Other Responsibilities: NBA Sub Coordinator

Details of Book Publications: -

Details of Book Publications: -

Details of Publications:

Patents:

1. **Intelligent solar power theft detection technology using Wi-Fi Notification, Application Number: 202041029285(IP India).**
2. **Optimal Design of Modular DC-DC converter combined with series resonance converters for energy integration, Application Number: 2020103761(IP Australia).**

International Journals:

1. P.Guruvulu Naidu ,Dr. S.Satyanarayana,Dr.Ch.Sai Babu, S.S.Biswas” Modeling of Interleaved Fly-back Converter for Photo Voltaic Applications using PSIM” American international journal of research in science,Technology,Engineering and mathematics, Volume 15, Issue 2,Pages,181-186.
2. P Guruvulu Naidu,Dr.S.Satyanarayana,Dr.Ch.SaiBabu “Design of closed-loop control for Solar PV based Multi-Level Inverter” International Journal of innovative Technology and Exploring Engineering(IJITEE)ISSN:2278-3075,Volume-9 Issue-2S3,December 2019.
3. Govinda Chukka, P. Guruvulu, B. Srinivasa Rao Naidu” Modeling and

Simulation of Microgrid Connected Renewable Energy Resources with Svpwm Technique”(Journal of Engineering Research and Applications,ISSN: 2248-9622, Vol. 4, Issue 1(Version 7), January 2014, pp.28-33)

4. S. Vani,P. Guruvula Naidu, B. Srinivasa Rao” Single-Carrier Modulation for 9-Level Neutral Point Clamped Inverters in Three Phase Transformerless Photovoltaic Systems” (IJSTE - International Journal of Science Technology & Engineering |,Volume 1 , Issue 10 , April 2015).
5. K. Sumanth, P. Guruvulu Naidu, B. Srinivasa Rao” Modelling of BESS/PV Interfaced System Fed BLDC Drive for Electric Vehicle Traction System(IJSTE - International Journal of Science Technology & Engineering |,Volume 1 , Issue 10 , April 2015).
6. Sri V.Srilatha Sri P.Guruvulu naidu,Sri B.Srinevasa Rao, “Mitigation of current harmonics in PV-APF system using fuzzy controller”, IJRSET, Volume 5,Issue12.
7. Sri B.Srinivasa Rao Sri P.Guruvulu Naidu, “Control of PMSG Wind Turbine Based on PI/ANN Controllers under Unbalanced Grid Voltage and Nonlinear Load Conditions”, IJECE, Volume 8, Pages 153-166.
8. Dr. S.Satyanarayana P.Guruvulu Naidu, S.S.Biswas,Dr.Ch.Sai Babu, Modeling of Interleaved Fly-back Converter for Photo Voltaic Applications using PSIM, AIJRST, Volume15 ,Issue 2, Pages 181-186.
9. P.Guruvulu Naidu,N.Syam Kumar,Ch.Ravi Kumar,K.Kanaka Raju “A New Simulation Approach Of 3-Φ Transformer-less Grid Connected PV Inverter Using Hysteresis Controller” IRJET, Volume: 04 Issue: 12 , Dec-2017.

International Conferences:

National Conferences:

1. National Conference on “Automation, Communication & Computing”, 9th to 10th December, 2010 at GITAM University, Visakhapatnam, India.
2. National Conference on “Recent Trends In Power Electronics & Drives”, 22nd to 23rd January, 2016 at AITAM, Tekkali, India.

National Journals:

Details of Conferences / Workshops / Refresher Courses Organized:

Details of Conferences / Workshops / Refresher Courses Attended:

Internal:

S. No.	Dates	Name of The Programme	Host Institution
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1	22nd to 27-09-2016	Optimization Techniques for Electrical Engineering Applications	AITAM,TEKKALI
2	9 th March 2015	Outcome Based Education	AITAM,TEKKALI
3	4 th to 8 th April 2015	One Week FDP On “Effective Solutions to Smart Grid”	AITAM, Tekkali
4	12 th June to 02 nd August	Pedagogy for effective use of ICT in engineering education	AITAM, Tekkali
5	19 th Jan 2013	One day work shop on ‘Outcome based education (in compliance with NBA accreditation)	AITAM, Tekkali
6	15 th 16 th March 2013	National Conference On Recent Developments in Electrical Engineering	AITAM, Tekkali
7	26 th to 28 th December 2013	Soft Computing Applications to Power systems	AITAM, Tekkali
8	16 th to 29 th April, 2012	soft computing application to power system and control using MATLAB	AITAM,TEKKALI
9	09 th to 10 th Feb., 2010	Emerging trends in power electronics drives and systems	AITAM,TEKKALI

External:

S. No.	Dates	Name of The Programme	Host Institution
1	15 th to 19 th June,2015	Real-Time Applications Of Micro-Controllers & DSP	MVGR,Vizianagaram
2	1 st to 6 th Dec.,2014	Solar photo voltaic grid connected power plants	KPCL,Bangalore
3	13 th to 14 th April,2013	Recent Technologies in Renewable Energy Systems	GMRIT,Rajam
4	1 st to 15 th May,2013	Research Methodologies	JNTUK,Kakinada
5	16 th to 30 th May,2013	Intellectual Property rights and patents	JNTUK,Kakinada
6	21 st to 22 nd Dec.,2012	Soft computing: Advances and Applications	SVEC, Tirupati
7	January, 2011	Evolutionary Computing Techniques for Power Control & Drives	GITAM University, Visakhapatnam.

Other Achievements:

Effective Engineering teaching practice NPTEL course certified
Ratified as Asst. Professor in 2012 in JNTUK selections.

P. Guruswaminaidu

Signature
(P.Guruvulu Naidu)