

Name: K.Kanaka Raju

Employee Id: A5EEE00T44

Designation: Assistant Professor

Department: EEE

Date of Birth: 18-05-1987

Father Name: Satyanarayana

Mother Name: Laxmi

Reservation Category if Any: BC-D

Address: D:No: 50-76-24/A,Srinivasa Street,Seethammapeta,Visakhapatanam-16

Mobile Number: 9966383212

Email id: kallakanakaraju@gmail.com

Date of Joining in the Institution: 27-05-2013

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
M. E (PED&C)	Andhra University	First Class	Dec, 2012
B. Tech	JNTUH, Hyderabad	First Class	May, 2008

Total Years of Experience: 10.6 Yrs

Period		Organization/Institution	Designation
27-05-2013	Till Date	AITAM, Tekkali	Assistant Professor
14-11-2011	14-05-2013	WISTM, Visakhapatanam	Assistant Professor
09-07-2008	11-11-2011	VITS, Visakhapatanam	Assistant Professor



Areas of Interest:

1. Power electronics
2. Power electronics drives & control
3. Control systems
4. Electrical machine

Guidance of Academic Projects:

- i) Doctoral Projects : -
- ii) Masters Projects : -
- iii) Bachelor Projects : 16

Sponsored Research Projects:

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

Honors and awards received: -**Memberships of Professional Societies and Other Organizations: ----****Other Responsibilities:**

1. NBA Criteria V Criteria Coordinator
2. I-Year Coordinator
3. Student Counselor
4. Autonomous Coordinator

Details of Book Publications: -**Details of Publications:**

1. K.Kanaka Raju, G.V.Siva Krishna Rao.Elimination & Mitigation of Sag & Swell Using a New UPQC-S Methodology & Fuzzy Logic Controller, National conference NCTDPE-2012, Vignan University.
2. Kanaka Raju.K, P.Aditya“Ascendance of Voltage and Reactive PowerWith Synchronous Machine-Based Distributed Generation” in Proceedings of National Conference on Emerging Technologies in Electrical and Electronics Engineering under TEQIP-II during 7th-8th Feb’2014.

3. Kanaka Raju.K, Suneelgoutham.K, “Elimination & Mitigation of sag & swell using a new UPQC-S Methodology & fuzzy logic controller” in International Journal of Engineering Research and Applications (IJERA), Volume 4 Issue 5(Version 1), May 2014.
4. Kanaka Raju.K, N.Chakradhar, “Simplification of harmonics & Enhancement of power factor by using Buck PFC converter in non linear loads” in International Journal of Research in Science and Technology (IJRST), Volume 5 Issue 2, Apr-June 2015.
5. Kanaka Raju.K, T.Jayasri, “Enhancement of Power Factor by Using Boost Converter in Non Linear Loads” in International Journal of Innovative Studies in Sciences and Engineering Technology (IJISSET), Volume: 2 Issue: 4, April 2016.
6. Kanaka Raju.K, P. Deepika, “Magnetic Resonance Coupled Wireless Power Transfer with Class-E Power Amplifier from solar input” in International Journal of Scientific Research Engineering & Technology (IJSRET), Volume 6, Issue 3, March 2017.
7. Kanaka Raju.K, N.Syam Kumar, “ A New Simulation Approach Of 3-Φ Transformer-less Grid Connected PV Inverter Using Hysteresis Controller” in International Research Journal of Engineering and Technology (IRJET), Volume 4, Issue 12, Dec 2017.
8. Kanaka Raju.K, P. Bhargavi, “Power executive approach for Hybrid system by using FUZZY based MPPT technique ” in Journal of Emerging Technologies and Innovative Research (JETIR), Volume 5, Issue 12, Dec 2018.
9. K.Kanaka Raju, B.Pavan Kumar, “Identification of Faults in Underground Cables by Using Arduino” in International Journal of Research in Engineering, Science and Management, Volume-3, Issue-5, May-2020.
10. K.Kanaka Raju, G.Deepika, “Substation Monitoring and Control System with Voice Alerts” in International Journal of Research in Engineering, Science and Management, Volume-4, Issue-6, June-2021.

Details of Conferences / Workshops / Refresher Courses Attended:

Internal:

S. No	Dates	Name of The Programme	Host Institution
1	26 th to 28 th December 2013	Soft Computing Applications to Power Systems	AITAM, Tekkali
2	15 th to 16 th November 2014	Twenty First Century, the Dawn of Digital Era: Pedagogical Issues of Technical Teachers	AITAM, Tekkali
3	6 th December 2014	Outcome Based Education	AITAM, Tekkali

4	4 th to 8 th April 2015	Effective Solutions To Smart Grid	AITAM, Tekkali
5	22 nd to 23 rd January 2016	Recent Trends in Power Electronics & Drives	AITAM, Tekkali
6	22 nd to 27 th September 2016	Optimization Techniques for Electrical Engineering Applications	AITAM, Tekkali
7	27 th Jan to 1 st Feb 2020	Lab View in Engineering and Academic Research	AITAM, Tekkali
8	15-06-20 to 19-06-20	Challenges and Research Opportunities in Micro Grid Operation, Control and protection	AITAM, Tekkali
9	15-09-20	National Education Policy 2020	AITAM, Tekkali
10	16-11-20 to 20-11-20	Electric Vehicles	AITAM, Tekkali

External:

S. No	Dates	Name of The Programme	Host Institution
1	26 th to 31 st August, 2019	Restructured Power System Modeling & Simulation	ANITS College, Visakhapatnam
2	18 th to 22 nd December, 2017	Power Electronic Technologies and Opportunities	Andhra University, Visakhapatnam
3	25 th to 29 th April, 2015	Contemporary Applications of Control Engineering	Andhra University, Visakhapatnam
4	17 th to 18 th august, 2012	National Conference on Technological Developments in Power Engineering	Vignan university, Guntur
5	07-05-20 to 16-05-20	Research Opportunities in Electrical Engineering	Government College of Engineering, Karad
6	01-06-20 to 05-06-20	IOT Applications	Vikas Group of Institutes, Nunna
7	11-05-20 to 16-05-20	Research Challenges and Innovations in Renewable Energy Systems	AVIT College
8	08-06-20 to 12-06-20	Recent Trends in Electrical Engineering	Vishnu College, Bhimavaram
9	21-9-20 to 25-9-20	Cyber Physical Production Systems	NIT, A.P

K. Anakapalle
Signature

