



Name: T.Jaganmohan Rao

Employee ID: A5EEE00T43

Designation: Asst.professor

Department: EEE

Date of Birth: 18-08-1985

Father Name: LAKHUMUNAIDU

Mother Name: VARALAKSHMI

Reservation Category if Any: BC-D

Address: V.N PURAM, NARASANNAPETA, SRIKAKULAM (DIST).

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Date of Joining in the Institution: 29-05-2013

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
M. E	Andhra University	First Class	Dec 2012
B. Tech	JNTUK	First Class	June 2007

Total Years of Experience (Teaching/Industry):7

Period		Organization/Institution/Industry	Designation
29-5-2013	Till Date	AITAM,TEKKALI	Asst.Professor
13-7-2007	21-8-2010	AIET,VSKP	Asst.Professor

Areas of Interest:

1. Network Analysis.
2. Electrical Machines.
3. Power Systems.
4. Power Electronics.
5. Electrical Drives.

Guidance of Academic Projects:

- i) Doctoral Projects : -
- ii) Masters Projects : -
- iii) Bachelor Projects : - 13

Sponsored Research Projects: -**Honors and awards received: -****Memberships of Professional Societies and Other Organizations: -****Other Responsibilities:****Publications:-**

1. **T. Jaganmohan Rao**, P. Anilkumar, CH. Krishnarao “Voltage Source Inverter / Converter for the improvement of power Factor by FUZZY Logic Controller” IJERA-ISSN: 2248-9622, Vol. 4 Issue 5(version1), May 2104, pp.46-60.
2. T. Jaganmohan Rao, B. Ravi Kumar “Distributed Power-Flow Controller (DPFC) Simulation” IJERA –ISSN: 2248-9622, Vol 4, Issue 10, October 2014
3. **T.Jaganmohan Rao**,Nagalla Sowjanya,M.Bhaskara rao,T.Lokanadha Rao, “An efficient AC-DC Step Up Converter For Low Voltage Harvesting Applications” IJSDR- ISSN: 2455-2631,Volume 1,Issue 7,July 2016
4. **T,Jaganmohan rao**,B.Ravi kumar, and CH.Krishna rao, “Vltgae source inverter/ converter for the improvement of power quality using fuzzy logic controller” “**International journal of engineering research and applications**”,vol.4 issue5,May 2014,pp.46-50.
5. **T.Jaganmohan Rao**, P.Raju, S.Nagaraju, , “Induction motor speed control using space vector pulse width modulation” (IJRSET, Vol.5, Issue 11, Nov 2016
6. **T.Jaganmohan Rao,B.Srinivasarao,Dr K.B Madhu Sahu** “Modelling of Transformerless Upfc to improve power system stability using optimization techniques” “IJRTE” Volume-8, Issue-4,November,2019,ISSN: 2277-3878.

Details of Conferences / Workshops / Refresher Courses Organized: ---**Details of Conferences / Workshops / Refresher Courses Attended:-****Internal:**

	Dates	Name of The Programme	Host Institution
1	15 th & 16 th Nov,2014	Twenty First Century, the drawn of Digital Era: Pedagogical Issue of Technical Teachers	AITAM, Tekkali
2	6 th Dec,2014	Outcome Based Education	AITAM, Tekkali
3	26 th to 28 th Dec, 2013	Soft computing applications to power systems (SOFTCAPS)	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
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External:

1.	13 th & 14 th March, 2015	Recent Advances in power and Industrial Drives	JNTUK, VZM
2	25 th to 29 th April, 2015	Contemporary Applications of Control Engineering	AU, Visakhapatnam

Other Achievements: --

Secured "Elite" grade in "power system engineering" online course conducted by NPTEL in APRIL-2018

Signature

