

Name: T.Manmadharao

Employee ID: A5EEE00T10

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Designation: Assistant Professor

Department: EEE

Date of Birth: 10-05-1989

Father Name: Venkataramana

Mother Name: Hemalatha

Reservation Category if Any: BC-D

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Date of Joining in the Institution: 01-07-2015

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	MONTH & YEAR
Ph.D(EEE)	JNTUK, Kakinada	Pursuing	-
M. Tech (EEE)	JNTUK, Kakinada	FIRST Class with Distinction	April,2015
B. Tech (EEE)	JNTUK, Kakinada	FIRST Class with Distinction	May,2011

Total Years of Experience (Teaching/Industry): 7.2 Years

Period		Organization/Institution/Industry	Designation
July 2015	Till Date	AITAM, Tekkali	Asst. Prof.
Dec 2011	Jan 2013	SISTAM, Srikakulam	Asst. Prof.

Areas of Interest:

1. Renewable energy systems
2. Power Systems
3. Power electronics



Guidance of Academic Projects:

- i) Doctoral Projects : Nil
- ii) Masters Projects : Nil
- iii) Bachelor Projects : 07

Professional Society membership: ISTE (LM124662)**Details of NPTEL/ COURSERA/ online courses completed:**

S.no	Duration	Name of the course	Grade	Host Institution
1	Jan-Apr,2018	Power System Engineering	Elite	IIT, Kharagpur
2	Feb-Apr,2019	Introduction to Research	Elite	IIT, Madras
3	Aug-Oct,2019	Accreditation and outcome based learning	Elite	IIT, Kharagpur
4	05-08-2020	AI For Everyone	-	Stanford University
5	05-15-2020	Electric Power Systems	-	Buffalo state college, New york
6	05-27-2020	Wind Energy	-	DTU technical university of Denmark

Details of Publications:**International Journals:**

1. T.Manmadharao, P.Balamurali, CH,Ravikumar “Maximum Power Point Tracking of a PV ststem by Bacteria Foraging oriented Particle Swarm Optimization” (IJERGS, vol.3,Issue2, March-April 2015,ISSN: 2091-2730).
2. Y.Santosh,T.Manmadharao, T.Amit kumar “Power quality improvement by compensated LED lighting system”(IJERGS, vol.4,Issue3, May-June 2016,ISSN: 2091-2730).
3. T.Manmadha rao, S.Nani babu , L.Kiran sai “Implementation of Perturb and observe MPPT of solar PV panel with boost converter” (IJAERT, vol.5,Issue-6, June 2017,ISSN:2348-8190).
4. K.Vedaprakash, P.Balamurali, T.Manmadharao “Improving the performance of PV system by using Fuzzy logic controller and Sepic converter under partial shading condition” (IJRSET, Vol.6, Issue.8, August,2017,ISSN:2319-8753).
5. T.Lokanadha rao, T.Manmadharao, Y.Santosh, G.Ashok “Effects of design parameters of wind turbine on it’s performance”(IJSART, vol.5,Issue-1, January 2019,ISSN: 2395-1052).
6. Jaganmohan.Tarra, K.B.Madhusahu, B.Srinivasarao, T.Manmadharao “Modelling of Transformerless Upfc to improve power system stability using optimization technique” (IJRTE, Vol.8, Issue.4, Nov,2019, ISSN:2277-3878).
7. T.Manmadha rao, ‘Simulation of 5level 3phase cascade H-bridge Multi level Inverter’ (IJMR, Vol.6, Issue.12, Dec,2020, ISSN:2455-3662).

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

S. No.	Dates	Name of The Programme	Host Institution
1	26 th to 28 th Dec,2013	Soft computing applications to power systems(SOFTCAPS)	AITAM, Tekkali
2	4 th to 8 th April,2015	Effective solutions to Smart Grid	AITAM, Tekkali
3	23 rd to 25 th June,2016	Pedagogy and management capacity enhancement program for teaching staff	AITAM, Tekkali
4	22 nd to 27 th September,2016	Optimization techniques for electrical engineering applications	AITAM, Tekkali
5	13 th & 14 th July,2019	Workshop on outcome based education	AITAM, Tekkali
6	27 th Jan to 1 st Feb, 2020	Labview in engineering & academic Research	AITAM, Tekkali

External:

S. No.	Dates	Name of The Programme	Host Institution
1	31 st Aug to 1 st Sept, 2012	National Program of Technical Enhanced Learning courses organized by NIT, Warangal and IIT, Madras.	NIT, Warangal
2	13 th & 14 th July,2016	Patent drafting & protection strategies Under CII-TEQIP	VR Siddhartha, Vijayawada
3	Feb-Apr,2019	Introduction to Research	IIT, Madras
4	26 th to 31 st Aug,2019	Recent trends in power electronics applications in Smart grid, Electric vehicles and Renewable energy	Pragati engineering college, surampalem
5	7 th to 16 th May,2020	Research opportunities in Electrical engineering	Govt. college of eng., Karad
6	11 th to 16 th May,2020	FDP on Innovation to Academicians	RCE, Eluru
7	11 th to 16 th May,2020	Research challenges and innovations in Renewable energy systems	AVIT, Chennai
8	18 th to 22 nd May,2020	Recent trends in Electrical engineering	Priyadarsini college of eng., Nagpur
9	19 th May,2020	NBA accreditation process	SNJB college of eng., Mharashtra
10	19 th May,2020	Industry 4.0	Sri Eshwar college of eng., Coimatore

Other Achievements:

I got silver medal in B.Tech for my academic excellence.

T.Manmadharao

Signature (T.Manmadharao)