

Name: Dr.BALAMURALI PYDI

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Designation: ASSOCIATE PROFESSOR

Department: EEE

Date of Birth: 20-05-1980

Father Name: P.Suryanarayana

Mother Name: P.Arunakumari

Reservation Category if Any : BC-A

Address: S/o Suryanarayana,DNO:16-03-209,Gujarathi peta, Srikakulam,
Andhrapradesh.

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Date of Joining in the Institution: 28-05-2008

Academic Excellence:



QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph.D	NIT Jamshedpur	-	Nov 2020
M.Tech(POWERSYSTEM)	NIT Jamshedpur	First Class	July 2006
B.Tech(EEE)	JNTU Kakinada	Second	Dec 2001

Total Years of Experience: 16Years 6 Months

Period		Organization/Institution	Designation
01/05/2012	Till Date	AITAM, Tekkali	Associate Professor
01/05/2010	30/04/2012	AITAM, Tekkali	Sr.Assistant Professor
27/05/2008	30/04/2010	AITAM, Tekkali	Assistant Professor
01/09/2006	24/05/2008	SSCE Chilakapalem	Assistant Professor
01/05/2005	15/05/2006	NIT Jamshedpur	Teaching Assistant

Areas of Interest:

1. Circuit Analysis
2. Electrical Machines
3. Renewable energy sources
4. Power systems
5. Control systems

Guidance of Academic Projects:

- i) Doctoral Projects : -
- ii) Masters Projects : -03
- iii) Bachelor Projects : 19

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

1. LMISTE (LM58311)
2. MIETE (AM210716)

Other Responsibilities:

- 1) Class teacher
- 2) Department consultancy file in charge
- 3) Department counseling file in charge

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

Journal Publications:

1. S.srinivas, p.balamurali “Phase transformation using a special transformer connection with wavelets technique” IJEIA ISSN: 2248/jan13/VOL-1/ISSUE2
2. Sambasivarao,p.balamurali “Enhancement of power quality by SVC with ANN and fuzzy logic technique “IJEIA ISSN:2248-9278/Sep12/VOL-/ISSUE2
3. T.Manmadharao, P.Balamurali, Ch.Ravikumar “MAXIMUM POWER POINT TRACKING OF A PV SYSTEM BY BACTERIA FORAGING ORIENTED PARTICLE SWARM OPTIMIZATION” IJERG ISSN:2091-2730/ Volume 3/ Issue 2/ March-April, 2015
4. Pydi Gowri Devi, Ch Ravi Kumar, Bala Murali Pydi “Design of Fuzzy C-Means Computed Torque Controller for 2-Link Flexible Robot Manipulator” IJERG ISSN:2091-2730/ Volume 3/ Issue 2/

March-April, 2015

5. K.Ramesh, Ch Ravi Kuma , Bala Murali Pydi “Modeling and implementation of vector control for Induction motor Drive” IJERG ISSN:2091-2730/ Volume 3/ Issue 2/ March-April, 2015
6. Bala murali Pydi,yogesh kumar nayak and umesh kumar sinha “**Maximum power extraction from photo voltaic cell based on MPPT system with GWO algorithm**” , Journal of engineering And applied sciences 14(6):1743-1748,2019
7. Balamurali pydi and Umesh kumar Sinha “ Gwo baced IC mppt controleer for grid tied PV system for the quality enhancement”,Journal of Advance research in dynamical and control system Vol.10,13-special issue,2018
8. Patent published on 29/03/2019 with title of “System for detecting diseases in plants” and application number 201941011100 as inventor and patent office journal number 13/2019
9. Patent Published on 30/10/2020 with title of “Multi-watchdog based intrusion Detection system using hidden watchdogs in random wireless sensors networks” and application number 202041045449 as inventor and patent office journal number.

Details of Conferences / Workshops / Refresher Courses Organized: -----

Details of Conferences / Workshops / Refresher Courses Attended:

1. Attended a two day workshop on” EDC AND CIRCUIT ANALYSIS FOR YOUNG FACULTY” on 25&26 oct 2008 at GMRIT RAJAM.
2. Attended a two week staff development program on “SOFT COMPUTING APPLICATIONS TO POWER SYSTEM AND CONTROL MATLAB” on 16th to 29th April 2012, AITAM, TEKKALI.
3. Attended a three day workshop on “ SOFT COMPUTING APPLICATION TO POWER SYSTEMS” from 26th to 28th DEC 2013,AITAM,TEKKALI.
4. Attended “9th ISTE AP section annual convention and awards function-15 & 16 NOV 2014
5. Attended a one day work shop on “OUT COME BASED EDUCATION” on 6th December 2014.AITAM , TEKKALI.
6. Attended a one day “outcome Based Education in association with IUCEE” on 9th March 2015, AITAM, TEKKALI.
7. Attende a one week faculty development programme on “ Effective solutions to smart-grid” from 4th to 8th April, 2015,AITAM,TEKKALI
8. Attended a one day faculty development programme on “Free open source tools for education and research conducted via online mode on 7 july 2020 jointly organized by bit sindri,Dhanbad and FOSSEE,IIT Bombay.

Other Achievements:

1. Secured Gate score 1200 all india rank in the year-2004
2. Secured Vignan parikotsav for achieving 10th place in district(intermediate)

3. Secured 234 rank in CEEP exam in the year 1997.

P. Balamurali

Signature