

**Name:** Kumaraswamy Simhadri

**Employee ID:** A5EEE00T32

**PAN Card ID:** BWLPS1666N

**P.F ID:** GR/VSP/0041230/000/0000426

**Designation:** Assistant professor

**Department:** EEE

**Date of Birth:** 05-07-1987

**Father Name:** Krishnamurthy

**Mother Name:** Vijayalaxmi

**Reservation Category if Any:** BC-B

**Address:** D. No: 5-353, Srinivasanagar, Tekkali, Srikakulam

**Mobile Number:** 9492421997, 8247298531

**Email id:** [kumar.simhadri@gmail.com](mailto:kumar.simhadri@gmail.com)

**Date of Joining in the Institution:** 05-06-2012

**Academic Excellence:**

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Ph.D	VSSUT, Burla		July 2021
M. Tech (PEED)	JNTUK, Kakinada	First Class with distinction	March2013
B. Tech	JNTUH, Hyderabad	First Class	April 2008
10 <sup>th</sup>	Board of Secondary School of Education	First class	April 2002

**Total Years of Experience:** 9Yrs 1 Month

Period	Organization/Institution	Designation
June 05 2012   Till Date	AITAM, Tekkali	Assistant professor



**Areas of Interest:**

1. Network Analysis
2. Electrical Machines
3. Power Quality
4. Power systems
5. Automatic generation control
6. Soft computing techniques

**Guidance of Academic Projects:**

- i) Doctoral Projects : -
- ii) Masters Projects : -
- iii) Bachelor Projects : 10

**Sponsored Research Projects: ----NIL-----****Honors and awards received:**

1. Best service award by Indian Red Cross Society Srikakulam

**Memberships of Professional Societies and Other Organizations:** ISTE Life member

**Other Responsibilities:**

1. Assistant Controller of Examinations

**Details of Book Publications: -----NIL-----****Details of Publications:****International Journals:**

1. Kumaraswamy Simhadri, K.B.Madhu Sahu “Mitigation of Power Quality problem with unified power quality conditioner for different load conditioner using PQ theory” IJERD Vol. No 05, Issue 11, Feb 2013 ISSN 2278-800X.
2. Simhadri KS, Mohanty B, Panda SK. Comparative performance analysis of 2DOF state feedback controller for automatic generation control using whale optimization algorithm. Optim Control Appl Meth. 2018;1–19. <https://doi.org/10.1002/oca.2462>.
3. Simhadri KS, Mohanty B “Performance analysis of dual mode PI controller using quasi oppositional whale optimization algorithm for load frequency control” International Transactions on Electrical Energy Vol.30, issue 1, January 2020, Wiley Publications

4. Kumaraswamy Simhadri, Trinadha Burle “Z-source Half Bridge Converter with Single LC Network” IJLTET Vol7 issue 2 July 2016ISSN: 2278-621X.

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

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

**EXTERNAL**

**Conferences attended**

S. No.	Dates	Name of The Programme	Host Institution
1	23 <sup>rd</sup> – 24 <sup>th</sup> March 2012	National Conference <i>“Design Unified power quality conditioner to reduce power quality problems using p-q theory”</i>	AITs, Kadapa
2	May 8 <sup>th</sup> –9 <sup>th</sup> , 2015	National Conference on <i>“Electrical Power and Energy Systems EPES 15 Dissolved Gas Analysis from Detective-Corrective mode to Strategic-Preventive mode”</i>	GVPCOE , Visakhapatnam
3	23 <sup>rd</sup> Feb2018	International Conference on <i>“Signals, Machines And Automation(SIGMA 2018)”</i>	Netaji Subash Institute of Technology (NSIT), New Delhi
4	Mar 10 <sup>th</sup> 2018	International Conference on <i>“Soft Computing in Data Analytics (SCDA 2018)”</i>	Sri Sivani College of Engineering, Srikakulam
5	7 <sup>th</sup> -8 <sup>th</sup> Aug 2020	International conference on <b>Intelligent Computing in Control and Communication (1CCC-2020)</b>	Aditya Institute of Technology And Management, Tekkali, Srikakulam
6	Jun30 <sup>th</sup> – Jul 4 <sup>th</sup> 2015	One week FDP on <i>“Numerical and Computational Methods in Engineering”</i>	NIT Hamirpur Himachal pradesh
7	13 <sup>th</sup> – 14 <sup>th</sup> Mar, 2015.	Two Day Workshop on <i>“Recent Advances in Power and Industrial Drives”</i>	JNTUK, Kakinada
8	23 <sup>rd</sup> -29 <sup>th</sup> Jan2015	NSS Training Programme	A.U, Visakhapatnam
9	2 <sup>nd</sup> -7 <sup>th</sup> May 2016	STC on <i>“Application of AI Techniques to power system operation and control (AAITPSOC-2016)”</i>	VSSUT, Burla
10	1 <sup>st</sup> -6 <sup>th</sup> May 2017	STC on <i>“Application of meta-heuristic technique to power system operation and protection”</i>	VSSUT, Burla

11	7 <sup>th</sup> -16 <sup>th</sup> May 2020	Two-week on-line Faculty Development Program on <b><i>“Research Opportunities in Electrical Engineering”</i></b>	Govt. College of Engineering Karad
	18 <sup>th</sup> -22 <sup>nd</sup> May 2020	Online FDP on <b><i>“ Role of IOT, Embedded, Electric Vehicle and Power electronic converters”</i></b>	St. Joseph College of Engineering, Chennai
12	11 <sup>th</sup> -15 <sup>th</sup> Dec 2020	<b><i>ATAL Online FDP on “Advances in Power Electronics for Hybrid Electric Vehicle-2020”</i></b>	NIT Andhrapradesh
13	4 <sup>th</sup> – 8 <sup>th</sup> Jan 2021	<b><i>ATAL Online FDP on “Electrical &amp; Computer Engineering”</i></b>	NIT Raipur
14	1 <sup>st</sup> -5 <sup>th</sup> Feb 2021	<b><i>ATAL Online FDP on Training for “Social Connectedness &amp; Inspiration”</i></b>	Ramakrishna Mission Vivekananda Educational & Research Institute Faculty of Disability Management and Special Education

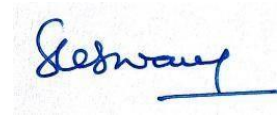
### INTERNAL

S. No.	Dates	Name of The Programme	Host Institution
1	16 <sup>th</sup> -20 <sup>th</sup> Nov 2020	AICTE Training And Learning (ATAL) Academy Online FDP on "Electric Vehicles"	AITAM, Tekkali
2	4 <sup>th</sup> to 8 <sup>th</sup> April 2015	One Week FDP On <b><i>“Effective Solutions to Smart Grid”</i></b>	AITAM, Tekkali
3	19 <sup>th</sup> Jan 2013	One day work shop on <b><i>“Outcome based education (in compliance with NBA accreditation)”</i></b>	AITAM, Tekkali
4	15 <sup>th</sup> 16 <sup>th</sup> March 2013	National Conference On <b><i>“Recent Developments in Electrical Engineering”</i></b>	AITAM, Tekkali
5	26 <sup>th</sup> to 28 <sup>th</sup> December 2013	Soft Computing Applications to <b><i>“Powersystems”</i></b>	AITAM, Tekkali

### Other Achievements:

1. Ratified as Asst. Professor in JNTUK selections on Apr-2013.
2. Successfully Completed NPTEL online certification course on ***“Outcome based pedagogic principles for effective teaching”*** Feb-Mar 2018.
3. Successfully Completed NPTEL online certification course on ***“Introduction to Smart grid (Elite)”*** Aug-Sep 2018.

4. Successfully Completed COURSERA online certification course on “***Electrical Power Systems***” 17<sup>th</sup> April 2020.
5. Successfully Completed COURSERA online certification course on “***How To Publish Research Paper***” 20<sup>th</sup> April 2020.
6. Successfully Completed COURSERA online certification course on “***Wind Energy***” 05<sup>h</sup> May 2020.

A handwritten signature in blue ink, appearing to read 'S. Kumaraswamy', with a horizontal line underneath the name.

Signature  
(S.Kumaraswamy)