

# Profile of *Dr.Konduri Ramesh*

**Name:** *Dr. Konduri Ramesh*

**Designation:** Associate Professor

Department of Electrical & Electronics Engineering

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**Experience: Teaching: 21** years

**Research Interests:** Electrical Machines, Power systems, Power quality, High voltage Engineering

**Educational Qualifications:**

Degree	Specialization	Name of the Institute	% Marks	Year of Passing
PhD	Electrical Power Systems	JNTU, Kakinada	-	October 2017
M.Tech	High voltage Engineering	JNTU, Kakinada	77.84	March 2008
B.Tech	Electrical and Electronics Engineering	JNTU, Kakinada	73.71	June 2001
Intermed iate	MPC	Ramakrishna Sahakara Junior College	90.4	April 1996
SSC	-	APR School, Tadikonda	86.83	April 1994

**Date of Joining in the Institution:** 16<sup>th</sup> August 2002

**International/National Journal Publications:**

Sl. No.	Details of Publication
1	K. Ramesh "A review on Asexual Reproduction Systems in Plants " in International Research Journal of Education and Technology and Science (IRJET), Volume 5, Issue 6, June 2023, Page No 95-101.
2	K. Ramesh "BLOCK CHAIN TECHNOLOGY IN REAL LIFE SITUATIONS" in International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), Volume 5, Issue 5, May 2023.
3	K. Ramesh "Renal Disease Treatment Procedure Under Various Stages of Disease" in International Journal of Research Publication and Reviews", Volume 4, Issue 5,

	2023.
4	Chikkala Mamatha, K. Ramesh “ ANN based Hybrid Renewable Energy Generation System”, International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol.8, Issue 16, 2020 with ISSN: 2278-0181
5	Gopala Krishna Reddy Sanampudi, K.Ramesh “Modeling and Simulation of DFIG Against Disturbance Condition” International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol.8, Issue 16, 2020 with ISSN: 2278-0181.
6	K. Ramesh, M. Sushama, “Classification of Transformer faults using Wavelet based entropy”, International Journal Of Advance Research In Science And Engineering Vol. 2, issue09, September 2013 with print ISSN No: 2319-8354. Pp162-171.
7	K. Ramesh , M. Sushama, “Transformer Protection Using MLE approach”, International Journal Of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering Vol. 1,issue6, September 2013 with print ISSN No: 2321-2004 and Online ISSN No: 2321-5526. Pp272-275.
8	K. Ramesh , Y. Mallikharjuna Rao, “Power transformer protection using wavelets”, International Journal Of Electrical and Electronic Engineering & Telecommunications Vol. 3, No. 4, October 2014 with print ISSN No: 2319-2518 Pp13-22.
9	K. Ramesh, M. Sushama, “Power Transformer Protection Using Wavelet Based Fuzzy Logic” Journal of Electrical Engineering Politechnica Publishing House.
10	K. Ramesh, M. Sushama, “A Novel Scheme for Inter-Turn Fault Detection in Power Transformers using Wavelets and Fuzzy logic” IJETEE(IRET Journal)
11	K. Ramesh, M. Sushama, “Incipient Fault Detection in Power Transformer Using Fuzzy Technique” Journal of Electrical Engineering Politechnica Publishing House.

12	D. Chaitanya, J. Ravindra, K. Ramesh“ A Novel PV system constructed with 5 level inverter using SPWM Technique” IJTRE
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### International/National Conference Publications:

Sl. No.	Details of Publication
1	K. Ramesh, M. Sushama, “Power Transformer Protection using Wavelet Packet Transform” International Conference on Computer Communication and Informatics (ICCCI 2014) at Sri Shakthi Institute of Engineering and Technology, Coimbatore, India during January 03-05, 2014.
2	K. Ramesh, M. Sushama, “Power Transformer Protection using Fuzzy Logic Based-Relaying”, International Conference on Advances in Electrical Engineering (ICAEE 2014) at VIT University, Vellore, India during January 9-11, 2014.
3	K. Ramesh, M. Sushama, “Inter turn fault detection in power transformer using fuzzy logic” ICSEMR-2014, conducted during November 27-29 at Avadi, Channi.
4	K. Ramesh, M. Sushama, “Incipient fault detection in Power Transformer using wavelets”, EEECOS-2014 scheduled to be conducted during September 11-12 at Dhanekula Institute of Engineering and Techonlogy, Vijayawada.
5	K.Ramesh & Sk.Abdul Gafoor” Wavelet Based Transformer Protection” PIK-2K7 (Pick innovative Creations) pg.33-37.
6	K. Ramesh & G. Ravi kumar“Fuzzy set based contingency ranking algorithm and digital simulation” in AECT 2008 (Advances in Energy Conversion Techniques) at Manipal university, Manipal

### Events Attended ( FDPs / Workshops / Seminars / Orientation Programs ):

Sl. No.	Name of the Event	Duration		Organized By
		From	To	
1	Attended one week FDP on "Internet of Things (IoT) for Emerging Applications"	1-05-23	6-05-23	Kakatiya Institute of Technology & Science, Warangal
2	Attended a two day workshop	17-03-23	18-03-23	Bapatla Engineering

	on "Research Report and Article Writing using LaTeX Software"			college, Bapatla
3	Participated in one week STTP in Design Implementation and Control of Electrical Systems Using MATLAB.	03/01/23	07/1/23	Bapatla Engineering college, Bapatla
4	Attended a three day hands on training programme on PCB DESIGN & FABRICATION.	28/7/22	30/7/22	Bapatla Engineering college, Bapatla
5	Attended FDP on CONTROL SYSTEMS AND SENSORS TECHNOLOGY(ATAL)	16-9-20	20-9-20	ATAL
6	Attended FDP on SYSTEM ENGINEERING(ATAL)	28-9-20	2-10-20	ATAL
7	Attended FDP on Indian power scenario	16/12/2019	17/12/2019	Bapatla Engineering college, Bapatla
8	A workshop on Power quality issues in electrical systems connected to smart grid	17-12-18	21-12-18	Bapatla Engineering college, Bapatla.
9	Attended FDP on Intellectual property and innovation management	31/09/18	1/10/18	Bapatla Engineering college, Bapatla.
10	A workshop on artificial intelligent techniques.	12/11/ 2012	14/11/ 12	Lakkireddy Balireddy Engineering College, Mylavaram
11	A three day National Workshop on Power system operation & computer system functions in Grid management.	7/10/ 2007	9/10/ 2007	Gudlavalleru Engineering College, Gudlavalleru
12	A one day National Workshop on Wavelets and Its Applications to Power System Protection	23/09/ 2007	-	V.R. Siddhartha Engineering College, Vijayawada
13	A Three day National Workshop on Power System operation and control	3/11 2006.	5/11/ 2006	OU College of Engineering, Hyderabad
14	National Power System	4/12/ 2004	6/12/ 2004	IIT Madras

	Conference			
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### Guest Lectures Delivered / Training Classes Conducted :

1. Training session on Basics of electrical engineering and power factor correction is attended during 11/12/2019 to 12/12/2019.
2. Presented A guest lecture on POWER QUALITY at BEC, Bapatla on 19/3/21
3. Presented A guest lecture on POWER QUALITY at CIET, Mothadaka on 19/6/21
4. A guest lecture is arranged on over view of 400/220 KV substation by Mr.P.Vamsi krishna on 22/3/21

### Online certification:

1. Completed online certification on Neural network applications in deep learning during 21<sup>st</sup> April 2023 to 10<sup>th</sup> May 2023 conducted by Codegnan IT Solutions OPC PVT.LTD.

### Achievements / Activities:

1. Co-ordination of A Two Day National Workshop on **Power System Analysis Using Software Tools** (25<sup>th</sup> – 26<sup>th</sup> March, 2009) organized by EEE Department, Bapatla Engineering college, Bapatla.
2. Co-ordinated a workshop on Power quality issues in electrical systems connected to smart grid during 17/12/18 to 21/12/18 organized by EEE Department, Bapatla Engineering college, Bapatla.

### Administrative Experience:

- ◆ Participated in TEQIP Phase I
- ◆ Co-Ordinator for NAAC and TEQIP in EEE department.
- ◆ M. Tech coordinator for EEE Department,
- ◆ Feedback coordinator

### Memberships in Professional Bodies:

- ◆ IAENG (International Association of Engineers)

### Additional Details (if any):

- 2/4 B.Tech course co-Ordinator, in Charge of power systems lab, In Charge for criterion I of NAAC in EEE Department, R&D coordinator, BECTAGON-2020 coordinator, editor of BEC newsletter.
- Member of Academic monitoring committee, Member of OBC committee.

- Recognized as PhD guide for 4 students at Annamalai university.

**(Dr. K. Ramesh)**