

## Dr.KONDURI RAMESH

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### Biography

Dr.Konduri Ramesh received his PhD from JNTU College of Engineering Kakinada in 2017. He has been working in EEE Department, Bapatla Engineering College, Bapatla since 2002. His research areas include electrical machines and protection of power systems.

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### Selected Publications

#### (a) International journals:

- [1] 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.
- [2] 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.
- [3] 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.
- [4] K. Ramesh, M. Sushama, "Power Transformer Protection Using Wavelet Based Fuzzy Logic" Journal of Electrical Engineering Politechnica Publishing House.
- [5] K. Ramesh, M. Sushama, "A Novel Scheme for Inter-Turn Fault Detection in Power Transformers using Wavelets and Fuzzy logic" IJETEE(IRET Journal)
- [6] K. Ramesh, M. Sushama, "Incipient Fault Detection in Power Transformer Using Fuzzy Technique" Journal of Electrical Engineering Politechnica Publishing House.
- [7] D. Chaitanya, J. Ravindra, K. Ramesh "A Novel PV system constructed with 5 level inverter using SPWM Technique" IJTRE

- [8] K.Ramesh,S.Gopala Krishna reddy” Controlling of doubly fed induction generator based on variable speed wind turbine modeling and simulation” Journal of Electrical Engineering Politechnica Publishing House.

**(b) International Conferences:**

- [9] 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.
- [10] 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.
- [11] K. Ramesh, M. Sushama, “Inter turn fault detection in power transformer using fuzzy logic” ICSEMR-2014, conducted during November 27-29 at Avadi, Channi.
- [12] K. Ramesh, M.Sushama, “Incipient fault detection in Power Transformer using wavelets”,EEECOS-2014 conducted during September 11-12 at Dhanekula Institute of Engineering and Techonlogy, Vijayawada.
- [13] K.Ramesh,S.Gopala Krishna reddy”Modelling and simulation of DFIG against disturbance condition”AICTE sponsored E-conference on System modelling and System dynamics during August 24-28,2020 at Bapatla Engineering College,Bapatla.
- [14] K.Ramesh,CH.Mamatha”ANN based Hybrid Renewable energy generation system”AICTE sponsored E-conference on System modelling and System dynamics during August 24-28,2020 at Bapatla Engineering College,Bapatla.

**(c) National Conferences:**

- [15] K.Ramesh&Sk.AbdulGafoor” Wavelet Based Transformer Protection” PIK-2K7 (Pick innovative Creations) pg.33-37.
- [16] 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