

LIKHITHA R
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Overview

Experience: 9.6 Years

Education

Perusing Ph.D. in the field of Power Quality under Visvesvaraya Technological University.

Completed M-Tech in 2011 of branch Electrical Power System Engineering from Ghousia College of Engineering, Ramnagaram under Visvesvaraya Technological University.

Completed B.E (Electrical and Electronics) in 2008 from PES College Of Engineering, Mandya under Visvesvaraya Technological University .

Research Interests

Power system

Publications

Research Publications

1. Likhitha R et.al, “Development of Mathematical Models for Various PQ Signals and Its Validation for Power Quality Analysis” journal in International Journal of Engineering Research and Development ISSN: 2278-067X, Volume 1, Issue 3 (June 2012), PP.37-44
2. Likhitha R et.al, “Optimal capacitor placement in Distribution system”. in International Journal of scientific Research in computer science Engineering and information Technology, ISSN:2456-3307 , UGC approved journal [journal No: 64718]Volume 4, Issue 6, IJSRCSEIT (May-June 2018)

National Journals / International Journals

1. Likhitha R et.al, “Transformer Parameter Measurement and Protection using IOT, in International Journal of Electrical, Electronics and Computer Systems (IJEECS) ISSN (Online): 2347-2820, Volume -6, Issue-7, 2018.
2. Likhitha R et.al, “Optimal capacitor placement in Distribution system”. in International Journal of scientific Research in computer science Engineering and information Technology, ISSN:2456-3307 , UGC approved journal [journal No: 64718]Volume 4, Issue 6, IJSRCSEIT (May-June 2018)
3. Likhitha R et.al, “Analysis of power system using PLC” International Journal of scientific Research in computer science Engineering and information Technology, ISSN:2456-3307 , UGC approved journal [journal No: 64718]Volume 4, Issue 6 (May-June 2018).
4. Likhitha R et.al, “ Reprression of Transformer Inrush Current”. journal in International Journal of Computer Applications (0975–8887) National Conference on Power Systems & Industrial Automation (NCPSIA 2015) /Number 2, ISBN: 973-93-80892-02-3
5. Likhitha R et.al, “Development of Mathematical Models for Various PQ Signals and Its Validation for Power Quality Analysis” journal in International Journal of Engineering Research and Development ISSN: 2278-067X, Volume 1, Issue 3 (June 2012), PP.37-44
6. Likhitha R et.al, “RGB to YCbCr color conversion using VHDL approach”. journal in International Journal of Engineering Research and Development ISSN: 2278-067X, Volume 1, Issue 3 (June 2012), PP.15-22

National Conferences / International Conferences

1. Likhitha R et.al, “Analysis of Power system using PLC” in National conference on Intelligent Energy Systems (NCIES-2018) on 7th May 2018 held at GSSSIT, Mysore.
2. Likhitha R et.al, “Transformer parameter measurement and protection using IOT” in National conference on 21st May-2018 at Dr.TTIT, Kolar.
3. Likhitha R et.al, “Optimal sizing and placing of capacitor by PSO in distribution system” in a National Conference on 10th May-2017 held at SJBIT
4. Likhitha R et.al, “Repression of Transformer Inrush Current” in National conference conducted by GSSS, Mysore
5. Likhitha R et.al, “A New Technique for Power Quality and Reliability Improvement In Distribution System” in National conference conducted by SKIT.
6. Likhitha R et.al, title “PQ Improvement in HVDC Systems by using Hybrid filter” in a National Conference on Recent trends in Electrical Engineering held at MS college of Engineering
7. Likhitha R et.al, Optimization methods in power system- an overview” in National Conference held at SKIT.
8. Likhitha R et.al, t “Speed Control Of Induction Motor Using Cyclo Converter” paper in National conference conducted by SKIT.
9. Likhitha R et.al, ‘An Inventive Approach for Fault Location and Isolation Using MAS With DG Source In Power Distribution System” in National conference conducted by SKIT.
10. Likhitha R et.al, “Multimode Control Strategy for A Doubly Fed Induction Generator Based Wind-Power Unit” paper in National conference conducted by SKIT.

**Details of UG / PG Projects / Dissertations / Mini Projects
Guided, If Any**

Title	UG/P G	Important Contribution/Results Achieved
A new simultaneous approach of voltage sag/swell and reactive power compensation of UPQC by controlling series inverter	UG	Guided
Surveillance robot for high voltage transmission line	UG	Guided
Fault location and isolation using multi agent system in power distributed system with distribution generation source	UG	Guided
VFD based Speed Control of 3Phase Induction Motor using ELC and SCADA	UG	Guided
Optimal placement of capacitor in Distribution system	UG	Guided
Transformer Parameter Measurement and Protection	UG	Guided