


Name: Mr. R. RAKESH														
Qualification: <ul style="list-style-type: none"> • Master of Engineering (Power System and Power Electronics) from Osmania University in May 2013. 														
Experience: <ul style="list-style-type: none"> • Working as Assistant Professor in Vaagdevi College of Engineering from July-2013 														
Area of Interest: <ul style="list-style-type: none"> • Artificial Intelligent Techniques for Power System Optimization. • Improvement in Power System Reliability and Quality through DGs. • Power Quality controller Designs. 														
Subjects Taught: <ul style="list-style-type: none"> • Power System Analysis. • Control Systems • Network Analysis • Electrical Machines-II • Electrical Circuits and Synthesis • Basic Electrical Engineering • Network Analysis 														
Research Publications: <ul style="list-style-type: none"> • Rakesh Rayabrapu, Dr. VenkataPapana, SravaniKeerthi“A Hybrid Algorithm for Optimal Allocation of DG in Radial Distribution System”IEEE Region 10 Symposium (TENSYP), 2017, 1-5. 														
Projects Guided:														
UG projects														
<table border="1"> <thead> <tr> <th>Title</th> <th>Student Name</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td data-bbox="172 1525 592 1682">Optimal Location and Sizing of Distributed Generator Unit using TLBO Algorithm</td> <td data-bbox="593 1525 997 1682">T.Pravalika S.Rajender D Manoj Kumar B. Chandrakanth</td> <td data-bbox="999 1525 1418 1682">2017-18</td> </tr> <tr> <td data-bbox="172 1684 592 1877">A Hybrid method of PLI and BAT algorithm for Optimal Allocation of DG in Radial Distribution System</td> <td data-bbox="593 1684 997 1877">M. Laharika V.Vasumathi S.Shyamkumar G.Bharath A. Rajesh</td> <td data-bbox="999 1684 1418 1877">2016-17</td> </tr> <tr> <td data-bbox="172 1879 592 1951">Adaptive Pi Control Of Stat-Com For Voltage Regulation</td> <td data-bbox="593 1879 997 1951">K.Rakesh K.V.LaxmiSupriya</td> <td data-bbox="999 1879 1418 1951">2015-16</td> </tr> </tbody> </table>	Title	Student Name	Year	Optimal Location and Sizing of Distributed Generator Unit using TLBO Algorithm	T.Pravalika S.Rajender D Manoj Kumar B. Chandrakanth	2017-18	A Hybrid method of PLI and BAT algorithm for Optimal Allocation of DG in Radial Distribution System	M. Laharika V.Vasumathi S.Shyamkumar G.Bharath A. Rajesh	2016-17	Adaptive Pi Control Of Stat-Com For Voltage Regulation	K.Rakesh K.V.LaxmiSupriya	2015-16		
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	M.VijayChander P.Kiran B.Gopichand	
Particle Swarm Optimization In Optimal Installation Of Distribution Generation In Radial Distribution System	D. Sumanth U.Sathish G.Prashanth Reddy R.Santosh B.Santhosh Kumar	2013-14

PG projects

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A Hybrid Algorithm for DG allocation in Distribution system using JAYA,PSO and TLBO.	M.Mounika	Under Going
A Control Algorithm For A StandaloneSolar Photovoltaic (Pv)-Diesel-BatteryHybrid System	M.Deepika	2015-16
A Four Leg VSI Implemented Shunt Active Power Filter Performance For Renewable Power Generation Systems	M. MAHESHWARI	2014-15

Workshops/Seminars/FDP's/MOOC/Skill Development Attended:

- NPTEL Online Course on “**Power System Analysis**” with **ELITE** Certificate in FALL semester 2017 from **IIT Kharagpur**.
- NPTEL Online Course on “**Design of Internet of Things**” Certificate in FALL semester 2017 from **IISCBangalore**.
- A 10 days faculty development program on “**Intelligent signal processing and control system design using Bio-Inspired Algorithms**” organized by **NIT Warangal** (May-2017).
- AICTE Sponsored Two Weeks Faculty Development Programme On “Micro Grid & Distributed Generation” Organizing By Department Of EEE, KITS Warangal, 28th Oct to 9th Nov-2013

Conferences Attended:

- Presented a Paper in International Conference on “Technologies for Smart Cities” IEEE Region 10 Symposium. Cochin, India.

Achievements:

- NBA Accredited Department working Committee member.
- Qualified Gate-10, 11,1215,17 form Electrical Engineering Stream.
- Got a Proficiency Certificate from Skill India Program on “Electrical AutoCad” and “PLC-SCADA” sponsored by MHRD.