


## FACULTY PROFILE

Name of the Faculty:		Mr.Rajesh Garikapati		
Designation:		Assistant Professor		
Department:		Electrical & Electronics Engineering		
AICTE – ID:	1-426127471			
INSTITUTE-ID:	BEC041004			
<b>Education</b>	<ul style="list-style-type: none"> <li>B.Tech in Electrical &amp; Electronics Engineering (Rao &amp; Naidu Engg. College-JNTU Affiliated -2005)</li> <li>M.Tech in Power Systems Engineering Specialization (RVR &amp; JC COLLEGE of Engineering, ANU Affiliated -2009)</li> <li>Ph.D -Pursuing in Annamalai University, Chidambaram.</li> </ul>			
<b>Experience</b>	Teaching: 17 Years	Industry:--	<b>Total: 17 Years</b>	
	Research:	Others: --		
<b>Research Specialization</b>	Power Quality Improvement In Solar Integrated Power System			
<b>Courses taught</b>	<ol style="list-style-type: none"> <li>1.Basic Electrical &amp; Electronics Engineering</li> <li>2.Circui Theory, Network Analysis</li> <li>3.Electrical Technology</li> <li>4.Dc Machines, Ac Machines, Transformers</li> <li>5.Generation of Electrical Power, Transmission &amp; Distribution, Utilization of Electrical Power, Switch Gear and Protection.</li> <li>6.Power System Analysis, Stability</li> <li>7. Power System Operation and Control.</li> <li>8.Computer Applications in Power System, Facts Controllers.</li> <li>9.Power Quality, Solar PV And Wind Systems.</li> </ol>			
<b>Research contributions</b>				
International/national peer reviewed journals				
S. No.	Title of paper	Journal	Published Year	Indexing (SCI/WoS/ SCOPUS, Google scholar)
1	Reduction of Harmonics & Voltage Flicker Compensation by STATCOM	IJTES	2015	Google scholar
2	Harmonics Reduction and Power Quality Improvement by using Multilevel DPFC	IJEDR	2016	Google scholar
3	Wavelet Based Fault Analysis on Multi-Terminal System in Presence of with and without Islanding Connected System	IJERT	2020	Google scholar

4	<b>Power Quality Improvement in Solar Integrated Power Systems Using Fuzzy-Based MMC-UPQC</b>	<b>International Journal of Intelligent Systems and Applications in Engineering</b>	2023	SCOPUS
5	<b>ANFIS controlled MMC-UPQC to mitigate power quality problems in Solar PV Integrated Power System</b>	<b>Journal of Advanced Research in Applied Sciences and Engineering Technology</b>		SCOPUS

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