


## Profile

<b>Name of the Faculty</b>	Mr. Gouse Basha Mulla	
<b>Designation</b>	Assistant Professor	
<b>Department</b>	Electrical and Electronics Engineering	
<b>Area of Interest</b>	Electrical Power Systems	
<b>Subjects Taught</b>	Basic Electrical Engineering, Renewable Energy Sources, Hybrid Electric Vehicles, Industrial Electrical Systems, Energy Conservation and Management, Energy Audit, Etc.	
<b>JNTUH Registration Id</b>	4778-161229-132527	
<b>College Staff Code</b>	SC1220	
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### Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	M.Tech	Electrical Power Systems	KBR Engineering College, JNTUH	2016
2	B. Tech	Electrical and Electronics Engineering	Holy Mary Institute of Technology and Science	2012
3	Inter	MPC	S.K.V.S. Jr Kalasala	2008
4	10 <sup>th</sup>	SSC	Sri Vivekananda High School	2006

## **Paper Publications:**

<b>S. No.</b>	<b>Publication details</b>
<b>International Conferences</b>	
1.	“Investigation on doping for maximum power extraction from a solar cell, International Conference on multifunctional materials (ICMM-2020), Oct 2020.
2.	“Design features of e-bike”, International Conference on recent trends in electrical, electronics, communication and instrumentation engineering”, CVR college of Engineering, December 2021.
<b>International Journals</b>	
3.	“Energy management systems with storage”, Journal of emerging technologies and innovative research, ISSN: 2349 5162.
4.	“Single axis solar panel tracker and power optimization using PIC microcontroller”, Journal of emerging technologies and innovative research, ISSN: 2349 5162
5.	“A comparative study on UPFC and DPFC towards low harmonic distortion”, International Journal of Advanced in Management Technology and Engineering Sciences, ISSN 2249-7455, January 2018.
6.	“Booklet counting machine”, International journal of engineering development and research, ISSN: 1551 7616, 2020.

## **Patents Published:**

<b>S. No.</b>	<b>Publication details</b>
1.	Published a patent on “Smart solar – based pet house”, in the month of May, 2021.

## **Experience:**

<b>Teaching</b>	7 Years
<b>Industry</b>	-
<b>Research</b>	-
<b>Total Experience</b>	7 Years