


Profile

Name of the Faculty	S POORNA CHANDER RAO	
Designation	ASSISTANT PROFESSOR	
Department	ELECTRICAL AND ELECTRONICS ENGINEERING	
Area of Interest	ELECTRICAL POWER SYSTEMS	
Subjects Taught	ELECTRICAL MACHINES, BASIC ELECTRICAL ENGINEERING, HVDC, HVE, SGP	
JNTUH Registration Id	71150402-142931	
College Staff Code	SC0796	
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Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	Ph.D	Power systems	JNTU Hyderabad	Pursuing
2	M.Tech	EPS	JNTU Hyderabad	2012
3	B.Tech	EEE	JNTU Hyderabad	2007
4	Inter	MPC	BIE	2003
5	SSC	SSC	BSE	2001

Paper Publications:

S. No.	Publication details
1	Automatic Power Factor Correction Using Arduino, International Journal of Emerging Technologies and Innovative Research (UGC Approved), Vol. 7(6). June 2020
2	Smart Grid Operation Using Hybrid Renewable Sources, International Journal of Research in Electronics and Computer Engineering (UGC Approved), Vol., 7(2) April 2019.
3	Modeling and harmonics analysis of domestic loads and harmonics mitigations techniques, International Journal of Electronics, Electrical and Computational System, Vol., 6 (12), pp. 190-214, Dec., 2017
4	Fast dynamic control behavior of a capacitor supported dynamic voltage restorer, International conference on latest trends in electronics and communication, Jan 2017
5	Power systems protection coordination and associated reliability with smart grid security, International Conference on Computation Methodologies and communication (ICCMC-2017), sep 2017

Experience:

Teaching	12 years
Industry	-
Research	-
Total Experience	12