


## Profile

<b>Name of the Faculty</b>	Dr. Anil Kumar Puppala	
<b>Designation</b>	Professor	
<b>Department</b>	Electrical and Electronics Engineering	
<b>Area of Interest</b>	Electrical Machines, Power Electronics.	
<b>Subjects Taught</b>	Electromagnetic Field Theory, Instrumentation and Measurement Techniques, Electronic Measuring systems, Control Systems, Design Thinking.	
<b>JNTUH Registration Id</b>	2411-150408-134853	
<b>College Staff Code</b>	SC1337	
<b>Official Mail</b>	apuppala@gcet.edu.in	

### Educational Qualifications:

<b>S. No.</b>	<b>Degree</b>	<b>Specialization</b>	<b>University/College</b>	<b>Year</b>
1	Ph.D	Electrical Machines	State University of New York at Buffalo	2007
2	M. S	Electrical Machines	State University of New York at Buffalo	2004

3	B.E	Instrumentation Engineering; Equated to EE with Specialization in Instrumentation Engineering	Osmania University	2001
4	Inter	MPC	BIE	1997
5	SSC	SSC	BSE	1995

### **Paper Publications:**

<b>S. No.</b>	<b>Publication details</b>
1	Additive Manufacturing for VADs and TAHs – a review Journal of Physics: Conference Series, Volume 1495, 2020 ISSN: 1742-6588 (print) 1742-6596 (web)
2	Review on Electrical Motor and Pump Assemblies in Ventricular Assist Devices & Total Artificial Hearts HELIX -The Scientific Explorer Vol. 8(2): ISSN:2277-3495, eISSN:2319-5592
3	Synthesis of output wave shapes and Cascading inverter modules for Improvement of Power Quality in a H-Bridge inverter IEEE - 7th India International Conference on Power Electronics (IICPE) eISSN: 2160-3170
4	Evaluation of Performance of an Electrical Generator with a Superconductor Element as a Rotor IEEE PES General Meeting. Pittsburgh, USA Print ISSN 1932-5517
5	Feasibility Study of Rotating Shield Generator AIAA-2005-5646. Jan 2005
6	Dynamic analysis of microturbine/fuel cell for peak power shaving IEEE Power Engineering Society General Meeting 2006 ISBN: 1-4244-0493-2 Print ISSN: 1932-5517
7	SOFC emulation using computer controlled DC motor/generator set Symposium (NAPS 2006), Sept.12-17, 2006 Carbondale, Illinois USA Print ISBN:1-4244-0227-1 CD:1-4244-0228-X

8	New Load Flow Method for Three Phase Radial distribution Networks with Data uncertainties International Journal of Emerging Trends in Electrical and Electronics (IJETEE) ISSN 2320-9569
9	Patent Filing Number: 202041057280 Artificial intelligence-based controller for BLDC motor to achieve pulsatility for VADS and TAHs India Patent.
10	Patent Filing Number: 202141034823 'An electrical and electronic assembly to automate a wheel chair for physically handicapped'

**Experience:**

<b>Teaching</b>	8.5 years
<b>Industry</b>	4 Years
<b>Research</b>	3 Years
<b>Total Experience</b>	15.5 Years