


## Profile

<b>Name of the Faculty</b>	Dr. G. SRIKANTH	
<b>Designation</b>	ASSOCIATE PROFESSOR	
<b>Department</b>	EEE	
<b>Area of Interest</b>	POWER ELECTRONICS & INDUSTRIAL DRIVES	
<b>Subjects Taught</b>	Electrical circuit analysis, Electrical Network Analysis, Electrical Machines-I, II, III, Control Systems, AI in Electrical Engineering, Industrial Safety & Hazards, Basic Electrical Engineering	
<b>JNTUH Registration Id</b>	43150402-141645	
<b>College Staff Code</b>	SC0-178	
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### Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	Ph. D	EEE	JNTUH	2024
2	M. Tech	EEE(PE&ID)	JNTUH	2010
3	B.E	EEE	CBIT(OU)	2001

## **Publications Details :**

<b>S. No.</b>	<b>Publication details</b>
1.	G. Srikanth and G. Madhusudhana Rao “Maximum Torque Control of Single-Phase Induction Motor Using Neural Networks” Published in International Journal of Technology and Engineering Science [IJTES] Volume 3[9], pp: 5035-5040. (UGCCARE Journal, Scopus)
2.	G. Srikanth and G. Madhusudhana Rao “Maximum Torque Control of Induction Motor Using Artificial Intelligence” Published in International Journal of Research Volume7, Issue XII, December/2018, ISSN NO:2236-6124(UGC-journal)
3.	G. Srikanth and G. Madhusudhana Rao “Comparative Study of Maximum Torque Control by PI ANN of Induction Motor” Published in International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 7 (2018) pp. 4620-4625.
4.	G. Srikanth and G. Madhusudhana Rao “Electrical Drive System Modelling for Real-Time Digital Simulation Applications”, International Journal of Recent Technology and Engineering (IJRTE)ISSN: 2277-3878, Volume-8 Issue-2, July 2019(Elsevier Scopus, UGC-CARE-Ajournal)
5	G. Srikanth and G. Madhusudhana Rao “Adaptive Neuro Fuzzy Based Maximum Torque Control of Three Phase Induction Motor” Published in International Conference JNTUH Hyderabad, Helix Vol. 8(2): 3067-3071(ESCI, Web of Science)

## **Experience:**

<b>Teaching</b>	22
<b>Industry</b>	02
<b>Research</b>	
<b>Total Experience</b>	24