


Profile

Name of the Faculty	Y Nagalakshmi	
Designation	Assistant professor	
Department	ECE	
Area of Interest	IOT, Device modeling	
Subjects Taught	EMTL,DD,AC,CN	
JNTUH Registration Id	8184-150409-123727	
College Staff Code	SC0933	
Official Mail	ynagalakshmi.ece@gcet.edu.in	

Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	B TECH	ECE	JNTUH	2005
2	MTECH	Embedded systems	JNTUH	2010

Paper Publications:

S. No.	Publication details
1	High Speed and Dynamic Switching Type Signal Generation on FPGA for Emulating the Test Signals for Navigation Receivers
2	Performance Analysis and Comparison of Zero Forcing and MMSE Precoding and Detectors for 5G MIMO
3	Configurable Zigbee based control system smart homes for with multiple disabilities
4	Adiabatic switching of cell structures for Low power cmos devices
5	On the Potential of AlGaN/GaN HFET for Extreme Environment Electronics

Books/Book Chapters Published: NIL

S. No.	Publication details

Experience:

Teaching	14
Industry	1
Research	-
Total Experience	15