Profile

Name of the Faculty	J. Mrudula
Designation	ASSOCIATE PROFESSOR
Department	ECE
Area of Interest	DIGITAL COMMUNICATIONS
Subjects Taught	EDC, ECAD, EMTL, AC, DC, STLD, LICA, MWE
JNTUH Registration Id	09150402-163847
College Staff Code	SC1321
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Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	M.E	Industrial Electronics	M. S. University, Baroda	2000
2	B.Tech	ECE	S. V. University/K. S. R. M. College of Engineering, Kadapa	1998
3	Intermediate	MPC	Board of Intermediate Education/Nagarjuna Junior College, Kadpa	1994

4	SSC	-	Board of Secondary/ Education/ Nirmala English Medium High School	1992

Paper Publications:

S. No.	Publication details
1	BER due to Intra-Band Crosstalk in Optical Cross Connects- Third National Conference on Latest Trends in Signal Processing, VLSI and Embedded Systems-June-2014-, National
2	EYE DIAGRAM as an Diagnostic Tool for BER Analysis in High Speed Serial Links- A Review- I nternational Journal of Advances in Engineering & Technology (I J AE T)-May-2014-International
3	Frequency Synthesizer for Satellite data with reduced Clock jitter National Conference on Circuits Signals and Systems- 22-24, January 2015- National
4	Parallel Prefix Tree 32-Bit Comparator And Adder By Using Scalable Digital CMOS, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE) Volume 3, Issue 10, October 2014
5	Performance analysis of Propagation Models of Wi-MAX in urban, suburban, International Journal of Advance Electrical and Electronics Engineering (IJAEEE), Volume-3 Issue-3, 2014
6	Design of Intelligent Solar Tracker Robot for Surveillance, International Journal of Advanced Research in Electrical,

	Electronics and Instrumentation Engineering *(An ISO 3297: 2007 Certified Organization)* Vol. 2, Issue 10, October 2013
7	Viterbi Decoder Based on Speed Optimization of a FPGA, International Journal of Scientific Engineering and Technology Research, Vol.03,Issue.27 September-2014,
8	Modelling and Optimization Analysis of HIT-CBTSSe Tandem Solar Cell, 2nd International Conference on Micro/Nanoelectronic Devices, Circuits and Systems, 29th to 31st January, 2022
9	Minimum Mean Square error and Zero forcing receivers models implementation for massive MIMO using MATLAB Design Engineering, Dec 2021, International

Books/Book Chapters Published:

S. No.	Publication details
	-

Experience:

Teaching	18 years 5 months
Industry	-
Research	-
Total Experience	18 years 5 months