


Profile

Name of the Faculty	P.Vijai Bhaskar	
Designation	Professor	
Department	ECE	
Area of Interest	Speech Processing	
Subjects Taught	Electronic Devices and Circuits Circuit Theory Microprocessors and Microcontrollers Analog and Digital Communications Digital Signal Processing\ Digital Image Processing Electronic Circuit Analysis Switching Theory and Logic design Linear and Digital IC Applications Embedded Real Time Operating Systems Embedded system Design Electronic Measurements and Instrumentation Pulse digital Circuits	
JNTUH Registration Id	5328-150411-185917	
College Staff Code	SC1318	
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Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	B.Tech	ECE	JNTU, Kakinada	1992
2	M.Tech	DSCE	JNTU, Hyderabad	2004
3	PhD.	ECE	JNTUH, Hyderabad	2018

Paper Publications:

S. No.	Publication details
1	Htk based Telugu speech recognition, International Journal of Advanced Research in Computer Science And Software Engineering (Ijarcse), December , 2012. Volume 2, Issue 12, December , ISSN: 2277 128X -2012. Page No.S 307-314 ,Impact Factor 2.080, 3 yrs.
2	Emotional Telegu speech signals classification based on k-nn classifier, International journal of research in engineering and technology (ijret), January,2013 Volume 2, Issue 1,

	January,2013, Page Nos.85-93, ISSN: 2319 – 1163, Impact Factor 2.375, 2 years
3	Performance improvement in the analysis and classification of telugu emotion speech signals based on ffbnn, International Journal of Science and Research (IJSR), November 2014, Volume 3 Issue 11, November 2014, Impact Factor 3.358, 2 years
4	Direct Sequence Spread Spectrum based Speech Steganography, The International journal of analytical and experimental modal analysis, Volume X, Issue XII, December/2018, ISSN NO: 0886-9367, Impact factor: 6.3
5	An Efficient System for Implementation of Human Voice Recognition, The International journal of analytical and experimental modal analysis, Volume 11, Issue 3, MARCH-2019, ISSN NO: 0886-9367 , Impact factor: 6.3, UGC-CARE Group 'II' Journals list -Serial No. 36272
6	BER Analysis with Peak to Average Power Ratio Mitigation of Speech Signals for Mobile Communication System, The International journal of analytical and experimental modal analysis, Volume 11, Issue 4, APRIL-2019, ISSN NO: 0886-9367, Impact factor: 6.3, UGC-CARE Group 'II' Journals list -Serial No. 36272
7	Performance Improvement of BER in MIMO-based Speech Communication System Under Mobile Radio Environment, The International journal of analytical and experimental modal analysis, Volume XI, Issue VII, July/2019, ISSN NO: 0886-9367 Impact factor: 6.3, UGC-CARE Group 'II' Journals list -Serial No. 36272
8	Mitigation of Jitter Noise in OFDM-based Speech Communication System, The International journal of analytical and experimental modal analysis, Volume XI, Issue X, October/2019, ISSN NO: 0886-9367 , Impact factor: 6.3 UGC-CARE Group 'II' Journals list -Serial No. 36272
9	Neural Networks and MLP Classification Based Speech Emotion Recognition, INTERNATIONAL JOURNAL OF SPECIAL EDUCATION Vol.37, No.3, 2022, page nos. 8851-8858,

Books/Book Chapters Published:

S. No.	Publication details

Experience:

Teaching	28 years
Industry	-----
Research	-----
Total Experience	28 years

