

**N.Ravi Shankar** B.Tech..M.Tech..(Ph.D)

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### Education Qualifications:

Degree	Department / Specialization	College	University	Year of Passing
Ph.D	CSE	JNTUH	JNTUH	2012
M.Tech.	CSE	Manipal Institute of Technology	Manipal University	2001
B.Tech	Civil Engg	KLCE, Vijayawada	Nagarjuna University	1988

### Experience summary:

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1. Prof. & head, IT Dept, LBRCE – 1 Year
2. Prof. & Head, CSE Dept, KMIT, Hyderabad – 2 Years
3. Dean, Placements, SNIST, Hyderabad – 8 Years
4. Assoc. Professor, CSE Dept, MIST, Hyderabad – 6 Months
5. Assistant professor, JBIET, Hyderabad – 4 Years

### Journal Publications:

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1. V.U.K.Sastry, **N.Ravi Shankar**, S.Durga Bhavani, “A Modified Hill Cipher involving Interweaving and Iteration”, International Journal of Network Security, 11(2): 51-56, September 2010.
2. V.U.K. Sastry, **N.Ravi Shankar**, “Modified Hill Cipher with Interlacing and Iteration”, Journal of Computer Science, Science Publications, 3(11):854-859, 2007.
3. V.U.K. Sastry, **N.Ravi Shankar**, “Modified Hill Cipher for a large block of plaintext with Interlacing and Iteration”, Journal of Computer Science, Science Publications, 4(1):15-20, 2008.
4. V.U.K.Sastry, **N.Ravi Shankar**, S.Durga Bhavani, “A Modified Playfair Cipher Involving Interweaving and Iteration”, International Journal of Computer Theory and Engineering, 1(5): 594-598, December, 2009.
5. V.U.K.Sastry, **N.Ravi Shankar**, S.Durga Bhavani, “A Modified Playfair Cipher for a Large Block of Plaintext”, International Journal of Computer Theory and Engineering, 1(5): 590-594, December, 2009.
6. V.U.K. Sastry, **N.Ravi Shankar**, S.Durga Bhavani, 2013, “A Large Block Cipher Involving Key Dependent Permutation, Interlacing and Iteration”, Cybernetics and Information Technologies, 13(3):50-63

7. V.U.K. Sastry, **N.Ravi Shankar**, S.Durga Bhavani, “A Generalized Playfair Cipher involving Intertwining, interweaving and Iteration”, International Journal of Networks and Mobile Technology, 1(2): 45-53, November, 2010.
- V.U.K. Sastry, **N.Ravi Shankar**, S.Durga Bhavani, “A Blending of A Generalized Playfair Cipher and A Modified Hill Cipher”, International Journal of Networks and Mobile Technologies, 2(1) : pp 35-43, January, 2011.

## Conferences:

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### International Conferences:

1. V.U.K.Sastry, N.Ravi Shankar, S.Durga Bhavani, “A Large Block Cipher involving Interweaving and Iteration”, proceedings of the International Conference on Advances and Emerging Trends in Computing Technologies (ICAET10)” June 21-24, 2010, Chennai pp: 328-333.
2. Madhu Rohini V.,Balaji Venkatesh, Bhavana A., Ravi Shankar N., Seshu Kumar M., “An Improved and Scalable Digital Image Encryption Method Based on One-Dimensional Random Scrambling”, “International Conference on Diversifying trends in Technology and Management”, April 6-7, 2013, NewDelhi pp:13-17.

### National Conferences:

1. V.U.K. Sastry and N. Ravi Shankar, A stream Cipher of alphabet using linear congruences, National Conference, SNIST, Hyderabad, Nov 21-22, 2005.
2. N.Ravi Shankar, “A Modified Playfair Cipher with Multiple Key Dependent Substitution Boxes and Chained Substitution” National Conference NCIS 2010 held on 23<sup>rd</sup> & 24<sup>th</sup> April 2010 at Manipal Center for Information Science, Manipal University, Manipal.

## Work Shops conducted:

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SNo.	Name	Year	Convenor	Institute
1.	National conference on Emerging areas of Computer Sci & Engg	2005	N. Ravi Shankar Co-Convener	Sreenidhi Institute of Science and Technology
2.	Value added course on ORACLE 9i/10g	2006	N. Ravi Shankar	Sreenidhi Institute of Science and Technology
3.	Data Mining and Business Intelligence	2007	N. Ravi Shankar	Sreenidhi Institute of Science and Technology
4.	Training Programme on Computer Basics for police	2007	N. Ravi Shankar	Sreenidhi Institute of Science and Technology

	officers			
5.	One day Symposium on Recent advances and network challenges  in document retrieval and biometrics	2008	N. Ravi Shankar	Sreenidhi Institute of Science and Technology
6.	Training Programme on DTP for Unemployed Youth	2008	N. Ravi Shankar	Sreenidhi Institute of Science and Technology
7.	C# .NET	2008	N. Ravi Shankar	Sreenidhi Institute of Science and Technology
8.	Artificial Intelligence and Neural Networks	2009	N. Ravi Shankar	Sreenidhi Institute of Science and Technology
9.	National Conference on Frontiers of CSE	2009	N. Ravi Shankar	Sreenidhi Institute of Science and Technology

**Research Area:** Cryptography and Network Security

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