

## PROFILE

Name :: Dr. V. Lokeswara Reddy  
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### Degrees Obtained

Degree	University	Field of Specialization
Ph.D	JNTUA, Ananthapuramu	Image Processing
M.Tech	S.R.M University, Chennai	Computer Science & Engineering
M.C.A	S.V. University, Tirupati	Computer Applications

Years of Experience : 15

### Memberships in Professional Bodies :

- Life Member of the Indian Society for Technical Education(ISTE) (LM 58236).
- The Institute of Engineers (IE)- MIE

### Research Papers Published

#### **International Journal Publications**

- 1) V.Lokeswara Reddy, Dr A.Subramanyam, Dr P.Chenna Reddy "Implementation of LSB Steganography and its Evaluation for Various File Formats", International Journal of Advanced Networking and Applications, INDIA, Volume:2, Issue:05, Pages:868-872(2011), **ISSN: 0975-0290**.
- 2) V.Lokeswara Reddy, Dr A.Subramanyam, Dr P.Chenna Reddy "SteganPEG Steganography + JPEG", International Journal of Computer Graphics(IJCG), KOREA, Volume:2, Issue No:01, Pages:31-42 (May,2011), **ISSN: 2093-9663**.
- 3) V.Lokeswara Reddy, Dr A.Subramanyam, Dr P.Chenna Reddy "A least significant bit embedding technique of digital image steganography" ATTI Della FONDAZIONE GIORGIO RONCHI, ITALY, Issue No:04, Pages:566-588 (August,2011), **ISSN : 0391 2051**.
- 4) V.Lokeswara Reddy, Dr A.Subramanyam, Dr P.Chenna Reddy " A New stego-crpto Approach for Information Hiding and Digital Image Quality Evaluation", International Journal of Computational Intelligence and Health Care Informatics (CIHCI), Serials Publications, India, Vol.4 No.1, Pages: 1-4 (2011), **ISSN: 0973-7413**.

- 5) V.Lokeswara Reddy, Dr A.Subramanyam, Dr P.Chenna Reddy “ A Novel Approach for Hiding Encrypted Data in Image, Audio and Video using Steganography”, International Journal of Computer Applications, U.S.A, Volume:69, No:15, Pages:37-44 (2013), **ISSN: 0975-8887, Impact Factor: 0.835.**
- 6) K.V. Vinod kumar, V.Lokeswara Reddy, “A Novel Data Embedding Technique for Hiding Multiple Files in Video File using Steganography”, Journal Research In Computer and Scientific Technology (JRCST), September 2013.
- 7) K.V. Vinod kumar, V.Lokeswara Reddy, “A Novel Data Embedding Technique for Hiding Text in Video File using Steganography”, International Journal of Computer Applications, U.S.A, Volume:77, No:17, Pages:13-18, September 2013, **ISSN: 0975-8887, Impact Factor: 0.835.**
- 8) M. Jyotheeswari, V.Lokeswara Reddy, “A Novel Steganographic System for Data Hiding in Video/Audio”, International Journal of Computer Applications, U.S.A, Volume: 82, No: 11, Pages: 31- 36 , November-2013, **ISSN: 0975-8887, Impact Factor: 0.835.**
- 9) V.Lokeswara Reddy, Dr A.Subramanyam, Dr P.Chenna Reddy “A novel Technique for JPEG Image Steganography and its performance evaluation”, “International Journal of Advanced Media and Communication” (IJAMC), **INDERSCIENCE** Publishers, UK, Volume: 5, No: 2/3, Pages:211-224 (2014), **ISSN online: 1741-8003, ISSN print: 1462-4613.**
- 10) V.Lokeswara Reddy, P. Asif Ahamad, P. Salman Khan and P. Vivekananda “A Novel Steganographic System for Data Hiding in Video/Audio”, International Journal of Advanced Networking and Applications (IJANA), U.S.A, Volume: 05, Issue: 06, Pages: 2092-2095, 2014, **ISSN: 0975-8887, Impact Factor: 0.835.**
- 11) V.Lokeswara Reddy, B.Sailendar “Enhanced Chaos based Image Steganography using Edge Adaptive and Cat Mapping Techniques”, International Journal of Computer Applications, U.S.A, Volume: 104, No: 11, Pages: 18-23 , October-2014, **ISSN: 0975- 0282, Impact Factor: 3.462, ICV: 5.36 Points.**
- 12) T.Shiva Lakshmi, V.Lokeswara Reddy, “A SERENITY BASED STEGANOGRAPHY WITH INDIAN ROOT”, International Journal of Computer Sciences (IJCSOONLINE), Volume: 15, No: 11, Pages: 1-7 , October-2014.
- 13) G. Chakrapani, V.Lokeswara Reddy, “OPTIMIZED VIDEOTAPE STEGANOGRAPHY USING GENETIC ALGORITHM”, International Journal of Computer Sciences (IJCSOONLINE), Volume: 15, No: 11, Pages: 1-7 , October-2014.
- 14) Dr. V. Lokeswara Reddy, “Novel Chaos Based Steganography for Images Using Matrix Encoding and Cat Mapping Techniques”, International Journal of Information Security and Computer Fraud, Science and Education Publishing (SCIEP), U.S.A, Volume: 3, No: 1, Pages: 8-14, July-2015, ISSN (Print): 2376-9602, ISSN (Online): 2376-9629.

- 15) K. Jyothsna, Dr. V. Lokeswara Reddy, "Dithering Technique for Digital Image Steganography" International Journal of Computer Applications, U.S.A, Volume: 123, No: 05, Pages: 11-14, August-2015, **ISSN: 0975-8887, Impact Factor: 0.835.**
- 16) Dr. V. Lokeswara Reddy, S. Noha Raj Kumar, "Novel QR Code Image Watermarking using Wavelet Transform" International Journal of Computer Applications, U.S.A, Volume: 123, No: 17, Pages: 06-09, August-2015, **ISSN: 0975-8887, Impact Factor: 0.835.**
- 17) Dr. V. Lokeswara Reddy, T. Anusha, "Combine use of Steganography and Visual Cryptography" International Journal of Computer Applications, U.S.A, Volume: 124, No: 06, Pages: 07-11, August-2015, **ISSN: 0975-8887, Impact Factor: 0.835.**
- 18) Dr. V. Lokeswara Reddy, K. Tejaswi, "Image Steganography Method to Improve the Stego Image Quality and Security using Reversible Texture Synthesis" International Journal of Computer Applications, U.S.A, Volume: 147, No: 14, Pages: 09-11, August-2016, **ISSN: 0975-8887, Impact Factor: 0.835**
- 19) Dr. V. Lokeswara Reddy, "An Efficient Scalable Graph Based Ranking Model For Content Based Image Retrieval" Journal of Computer Sciences and Applications, SCIEP, U.S.A, Volume: 4, No: 3, Pages: 52-58, August-2016, **ISSN: 2328-7268.**

#### **International Conference Publications**

- 1) V. Lokeswara Reddy, Dr. A. Subramanyam, Dr. P. Chenna Reddy "Implementation of LSB Steganography and its Evaluation for Various File Formats", FACT 2009 International conference on Recent Trends in Computing and Communications, Chennai (TN), INDIA, December 18 & 19-2009.
- 2) V. Lokeswara Reddy, Dr. A. Subramanyam, Dr. P. Chenna Reddy "SteganPEG Steganography + JPEG", Proceedings of the **IEEE** International Conference on Ubiquitous Computing and Multimedia Applications (UCMA), DAGEON, KOREA, Pages: 42-48 (April, 2011), **ISBN: 978-1-4577-0571-7.**
- 3) V. Lokeswara Reddy, Dr. A. Subramanyam, Dr. P. Chenna Reddy "IMPLEMENTATION OF LEAST SIGNIFICANT BIT STEGANOGRAPHY AND STATISTICAL STEGANALYSIS" CCSEIT-2012 Proceedings of the **ACM** Second International Conference on Computational Science, Engineering and Information (CCSEIT-2012), Avinashilingam University, Coimbatore, Tamilnadu, INDIA, Pages: 666-671 October 26<sup>st</sup> and 27<sup>nd</sup> -2012, **ISBN: 978-1-4503-1310-0.**
- 4) Dr. V. Lokeswara Reddy "Improved Secure Data Transfer Using Video Steganography" Proceedings of the International Conference on Internet of Things, Next Generation Networks and Cloud Computing 2016 (ICINC-2016), Smt. Kashibai Navale College of Engineering, Sinhgad Technical Education Society, Pune, Maharashtra, INDIA, Pages: 587-591, February 26<sup>th</sup> – 28<sup>th</sup> -2016.

## **National Conference Publications**

- 1) V.Lokeswara Reddy, Dr A.Subramanyam, Dr P.Chenna Reddy “Implementation of LSB Steganography and its Evaluation for Various Bits”,NCNT 2009 National conference on Network Technologies,Chittoor(AP), INDIA,December 29-2009.
- 2) V.Lokeswara Reddy, Dr A.Subramanyam, Dr P.Chenna Reddy “Secured File Transmission using LSB Steganography”, HPCN-2011 National conference on High Performance Computing and Networking, AITS, Rajampet(AP), INDIA, May 08-2011. **ISBN: 978-93-81583-00-5.**
- 3) V.Lokeswara Reddy, Dr A.Subramanyam, Dr P.Chenna Reddy “IMPLEMENTATION OF LSB IMAGE STEGANOGRAPHY”, NCCNMC-2012 National conference on Communication Networking and Mobile Computing, JNTUA College of Engineering, PULIVENDULA(AP), INDIA, January 21<sup>st</sup> and 22<sup>nd</sup> -2012.
- 4) S.Venkata Suresh Kumar & V. Lokeswara Reddy Presented a conference paper on “Applying LSB on Randomly Rotated Image Blocks: an Adaptive Image Steganography” National Conference on Recent Trends in Computing & Information Technology, Vignan University, Guntur held on 12<sup>th</sup> & 13<sup>th</sup> July 2012.
- 5) K. Shabhana & V. Lokeswara Reddy presented a conference paper on “Implementation of LSB Steganography method based on reversible histogram transformation function” National Conference on Advances in Computer Networks and Information Security held on 12<sup>th</sup> & 13<sup>th</sup> July 2012.
- 6) K. Kishore Kumar & V. Lokeswara Reddy presented a conference paper on “Conceal & Obtain: ICA Based Multiple Marking in DCT Compressed Images” National Conference on Recent Trends in Computing & Information Technology, Vignan University, Guntur held on 12<sup>th</sup> & 13<sup>th</sup> July 2012.

## **Workshops Attended**

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- 1) Attended workshop on “Image Processing and Data Mining Applications” at PBR Visvodaya Institute of Technology & Science, Kavali, Nellore (Dt) on Feb.7, 2009.
- 2) Attended workshop on “Digital Image Processing & it’s Applications” at KSRM College of Engineering, Kadapa on July.4, 2009.
- 3) Attended workshop on “Teaching Methodologies in Engineering Education” at KLM College of Engineering for Women, Kadapa, on March.27, 2010.
- 4) Attended workshop on “Professional Development Program” at UGC Academic Staff College, University of Hyderabad, Hyderabad from Nov 15-20, 2010.
- 5) Attended workshop on” Hands on Training on Matlab and its Applications” at S.R.M. University, Chennai from 20<sup>th</sup> -21<sup>st</sup> September 2012.
- 6) Attended workshop on “BLUEMIX” at K.S.R.M. University, Kadapa on 30<sup>th</sup> December 2015.

## Achievements

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### Professional Activities

- Co-Chair, **ACM** International Conference on Computational Science, Engineering and Information (CCSEIT-2012), Avinashilingam University, Coimbatore, India (2012).
- Editorial Board Member, International Journal of Chaos, Control, Modeling and Simulation (IJCCMS).
- Editorial Board Member, International Journal of Information Technology, Modeling and Computing (IJITMC).
- Editorial Board Member, International Journal of Information Security and Computer Fraud, Science and Education Publishing From Scientific Research to Knowledge.
- Editorial Board Member, International Journal of Wireless Communications, Networking and Mobile Computing, American Association for Science and Technology (AASCIT).
- Editorial Board Member, International Journal of Computer Science and Information Engineering, American Association for Science and Technology (AASCIT).
- Editorial Board Member, American Journal of Science and Technology, American Association for Science and Technology (AASCIT).