


Name	Chetan K R	
Designation	Assistant Professor	
Qualification	B.E., M.Tech., (Ph.D.,)	
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Phone	9900923050	
Experience	14	
1. Teaching	14	
Research Areas of Interest	Document Image Watermarking	
Member of Professional Organization	ISTE	
Academic Excellence	Reviewer, Session chair	
Awards	Best Paper Presentation Award during International Conference at Visakhapatnam on Dec 2015	
STTP/Workshops/Conferences attended	<ul style="list-style-type: none"> • Workshop on National Board of Education (NBA) and Outcome Based Education (OBE), during 23rd – 27th Jan 2017, at JNNCE • A two ESDM Workshop on “Cloud Computing and Big Data Analytics” organized by Govt. of Karnataka and Consortium of Electronic Industries of Karnataka during 5th and 6th March 2016 at JNNCE • Workshop on “Research Methodologies and Latex” at Acharya Institute of Technology, Bangalore on 29-31st July, 2015 • One week ISTE workshop on ANDROID APPLICATION DEVELOPMENT AND EMBEDDED ANDROID at JNNCE during 14th to 23rd Feb 2015 • Two week ISTE workshop on COMPUTER PROGRAMMING at remote center during May 20th to June 21st • Two week ISTE workshop on RESEARCH METHODOLOGY at JNNCE during 15th to 24th Jan 2013 • One week IETE workshop on LATEX and MATLAB, at JNNCE during 23rd to 27th July 2012 • One week short term course on MATLAB and its APPLICATIONS at JNNCE during 27th – 31st Jan 2012 • Two week MHRD workshop on SECURITY ENGINEERING at C-DAC Hyderabad during 12th Dec 2011 to 23rd Dec 2011 • One week Faculty Development Programme on OPERATION RESEARCH and its APPLICATIONS during 27th – 31st July 2010 	

2. S Nirmala and Chetan K R, *An intelligent blind semi-fragile watermarking scheme for effective authentication and tamper detection of digital images using Curvelet Transforms*, Second International Symposium on Signal Processing and Intelligent Recognition Systems (SIRS 2015) , Dec 16-19, Technopark, Trivandrum
3. Chetan K.R, Ujwala B.S, *An efficient DCT based fingerprinting scheme for thwarting collusion attacks*, Internet Multimedia Services Architecture and Application(IMSAA), 2010 IEEE 4th International Conference on Internet Multimedia Systems Architecture and Applications, IMSAA10, IISc, Bangalore, 15-17th Dec 2010, pp. 1-6
4. Chetan K.R., Harisha S.B., *A Reversible Watermarking Scheme For Protecting Medical Images*, National Conference on Intelligent Information Retrieval, Dept. of Information Technology, PSG College of Technology, Coimbatore, 24-25 September 2010.
5. Chetan K.R., Nikitha H.K., *An Image-Adaptive High Performance Data Hiding scheme*, National Conference on "Convergence of Signal Processing, Communication & VLSI Design", NCSCV10, SDM, Dharwad pp. 47-50, 13th, 14th August 2010
6. Chetan K.R., *A highly fragile Watermarking scheme for Exact content authentication of Digital Images*, International Conference on Electronic Design and Signal Processing, ICEDSP09, Manipal Institute of Technology, Manipal, 10-12th December, 2009
7. Raghavendra K, Chetan K.R., *A Blind and Robust Watermarking Scheme with Scrambled watermark for Video Authentication*, International Conference on Internet Multimedia Systems Architecture and Applications, IMSAA09, IISc, Bangalore, 9-11th December, 2009. (ISBN: 978-1-4244-4793-0, IEEE Catalog Number: CFP0992E, Library of Congress: 2009905371)
8. Ashiwani S.R, Chetan K.R., *Robust Watermarking system for MPEG-2 video in DCT domain*, First National Conference on Image Processing, Pattern Recognition and Computer Vision, NCVIP-2009, P.E.S College of Engineering, Mandya., 24-25th August, 2009.
9. Chetan K.R., Pradeep H K., *Asymmetric Soft Authentication and Compression of Digital Images using a DCT-DWT Based Semi-Fragile Watermarking Scheme*, Second International Conference on Cognition

and Recognition, ICCR-2008, P.E.S College of Engineering, Mandya., 10-12 April 2008

10. Chetan K.R., Harisha S.B., Pradeep H K., *Secured colour double water marking for satellite images*, National conference on knowledge based computing system and frontier system, NCKBFT – 07, Dept of CSE, MIT, Manipal,19-20 February 2007
11. Chetan K.R., Harisha S.B., Pradeep H K., *A watermarking scheme for protecting cartoon images*, National Conference on VLSI design signal processing and communication, NCVSPCOM -2007, Dept of ECE, Siddaganga institute of technology, Tumkur, 17-18 February 2007, pp. 102– 106
12. Chetan K.R.,Harisha S.B., *Protecting ROI of the satellite images using compression based colour double watermarking*, First International conference on signal and image processing , BVB college of engineering and technology, Hubli.,7-9 December-2006, pp 52 -56
13. Chetan K.R., Harisha S.B., *A Compression Resistant and High Capacity Watermarking for Digital Images*, National Conference on COMPUTING & COMMUNICATION, Dr. Mahalingam College of Engg., & Technology, Pollachi, Tamilnadu.,15-16th September, 2006, pp.23-26
14. Gangappa S.H., Chetan K.R., *SCTP Congestion Control Under Multiple Losses*, PG Sangama, two day technical symposium, JNN College of Engg., Shimoga.,17-18th March, 2006, pp.77
15. Chetan K.R., *Detecting Tampered Image blocks using Error Correcting code*, State Level Paper presentation Contest, K.L.E. Society's College of Engg., and Technology, Udaymbag, Belgaum,28th November, 2005,pp.20-23
16. Chetan K.R., Harisha S.B., Jagadeesha S.N., *Localizing the effects of Image Tampering using Information hiding*, National Conference on Information Security , Karunya Institute of Technology & Sciences (Deemed University) Coimbatore, 25-26 November, 2005, pp.173-184
17. Chetan K.R., Harisha S.B., Jagadeesha S.N., *Steganography for the detection of Image tampering*, National Workshop on Cryptology, NWC-05, JNN College of Engg., Shimoga,12-14 August, 2005, pp.250-256

18. Chetan K.R., Harisha S.B., Jagadeesha S.N., *A Novel GUI for Fuzzy Queries*, National Conference on Vision, Graphics and Image Processing., JNN College of Engg., Shimoga 2-3 March, 2005, pp.579-588
19. Shireen G.D, Sriprajna K.J, Chetan K.R., *A study of Fuzzy Querying System based on SQLf2 and SQLf3*, National Conference on Emerging Trends in Communication Networks and Internet Applications, Adhiyaman College of Engg., Hosur, 6-7 January, 2005, pp. 44-51