Profile of
Dr. B.CHANDRA MOHAN

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Age: 51 Years

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                                    MGH Colony
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                                    Chirala-523155
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Educational Qualifications:

S.No	Degree	University	Year of passing	Division
1	Ph.d (Image Watermarking)	JNTU, Hyderabad	2009	-
2	M.Tech Microwave & Radar	Cochin University of Science &Tech, Cochin	1992	First(74)
3	B.Tech(ECE)	BEC,Nagarjuna University	1990	First (70.4)
4	Intermediate	SMLJ College,Chirala	1985	First(71.2)
5	S.S.C	NR&PM H School, Chirala	1983	First(70.4)

Title of the thesis: *"Evaluation of proposed oblivious and semi-oblivious digital image watermarking algorithms in transform and hybrid domains"*

Research Supervisor: Dr.S.Srinivas Kumar
                                    Professor & Head,
                                    ECE Department
                                    JNTUCE, Kakinada.

Administrative Experience   Dean, Academics
Head of the department
Member, Board of Studies ,ANU
Member, BOS, PVP Siddartha Institute of
Technology
Member, BOS, Narasaraopeta Engineering
College

Teaching Experience   26 years

S.No.	Instituion/Organizaton	Position held	Duration
1	Bapatla Engg. College Bapatla	Professor	**12-11-2005 to present**
2	Bapatla Engg. College Bapatla	Asst.Professor	**30-9-1997 to 11-11-05**
3	Bapatla Engg. College Bapatla	Lecturer	**9-9-1992 to 29-9-1997**
4	Vintek RF Products	R& D Engineer	**4-6-92 to 6-9-1992**

Membership in Professional Bodies:
- Life Member of ISTE (LM16066)
- Life Member of IETE(M116435)
- Life Member of Soft Computing Research Society 2018-04-10-586

Active Reviewer for the Journals:

1. **Elseviers'** published **International Journal of Systems and Software**
2. **IET journal** on Image Processing, UK
3. **The Computer Journal, Oxford Publishers, UK**
4. Elsevier's AEU Journal of Electronics and Communication
5. Elsevier's Journal of Neuro Computing
6. Elesevier's Journal Applied Radiation and Isotopes

Subjects taught at UG Level	Subjects taught at PG Level
1. Microwave Engineering	1. Digital Image Processing
2. Digital Image Processing	2. Coding theory & Techniques
3. Transmission lines and Waveguides	3. Wireless Communication
4. Analog Communication	4. Random Signal Processing
5. Digital Communication	
6. Electronic Devices & Circuits	
7. Digital Signal Processing	

Publications:

- International Journals: 30
- International Conferences: 30
- National Conferences: 19
- Book Chapters   03
- Citations in Google Scholar   609+
- h-index   12

Books and Book Chapters Published

1	A Monograph on Digital Image Watermarking" ..Lambert Academic Publishing , Germany. ISBN-10: 3659106666,ISBN-13: 978-3659106668, LAP Lambert Academic Publishing (20 July 2012)
2	Computational Intelligence Theory Applications and Future Directions –Vol II", Springer Publication ISBN: 978-981-13-1134-5,"Multimodal Medical Image Fusion Based on Fuzzy sets with Orthogonal Teaching-Learning Based Optimization", T.Tirupal, S.Srinivas Kumar, B.Chandra Mohan
3	Medical Image Fusion using UDWT, Fuzzy Sets & Optimization Techniques Paperback – July 2, 2019,by Talari Tirupal (Author), Bhuma Chandra Mohan (Author), Samayamantula Srinivas Kumar (Author), ISBN-10: 6200226822 ISBN-13: 978-6200226822, LAP Lambert Academic Publishers

Details of Research Scholars:

Ph.Ds Awarded	University
1.Smt S.Pallavi Ram	Acharya Nagarjuna University(Awarded)
2.B.Nancharaiah	JNTU Hyderabad(Awarded)
3.Smt B.Lakshmi Sireesha	JNTU Kakinada(Awarded)
4.T.Tirupal	JNTU Kakinada (Awarded
5.P.Surendra Kumar	Acharya Nagarjuna University (Awarded)
6.G.Pratibha	Acharya Nagarjuna University (Awarded)
7.T.Krishna Chaitanya	JNTU Kakinada(Working)
8.M.V.N.Chakravarthy	Acharya Nagarjuna University(Working)

Publications
Research Publications

SCI/Referred/Premier Journals

1.	N.Kavitha, V.Srinivasa Rao, B.Chandra Mohan, "Fuzzy based scheduling and load balancing for zone routing protocol (ZRP) in mobile adhoc networks", Journal of Critical Reviews, Vol.7, No.4, 2020	Scopus	2020
2.	N.Kavitha, V.Srinivasa Rao, B.Chandra Mohan, "Load and Energy Aware Adaptive Zone Routing Protocol for MANET", International Journal of Advanced Science and Technology, Vol.29, No.3, 2020	Scopus	2020
3.	T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, Multimodal Medical Image Fusion Techniques – A Review".Journal of Current Signal Transduction Therapy	Bentham Science Scopus	2020
4.	C.Narendra Babu, S.Pallavi Ram, B.Chandra Mohan, "Sparse Bayesian Learning Assisted Approaches for Road Network Traffic State Estimation", IEEE Transactions on Intelligent Transportation Systems, February 2020	SCI IEEE Transactions	2020
5.	N.Kavitha, V.Srinivasa Rao, B.Chandra Mohan, "Advanced and Distributed Relative Segment and Opportunistic Routing for Congestion Control and Traffic Management in MANET", Journal of Advanced Research in Dynamical & Control Systems" Vol.10, special issue , 2018	Scopus	2018
6.	N.Kavitha, V.Srinivasa Rao, B.Chandra Mohan, "Extensive survey of Hybrid Routing Protocols in MANET", International Journal of Engineering Research in Computer Science and Engineering, Vol.5, No.3, 2018		2018
7.	P.Surendra Kumar, B.Chandra Mohan, "A triple frequency vertex fed antenna for worldwide wireless and microwave access interoperability", IEEE Antenna and Propagation Magazine, June, 2018	SCI IEEE Antenna Propagation Magazine	2018
8.	P.Surendra Kumar, B.Chandra Mohan, "Miniaturization of a microstrip antenna using partially loaded non uniform meta surfaces with a metamaterial for indoor wireless applications ", IEEE Antenna and Propagation Magazine, Accepted	SCI IEEE Antenna Propagation	2018

		Magazine	
9.	S.Pallavi Ram, Ch.Narendra Babu, B.Chandra Mohan, "A Large Random Matrix based Channel Estimation for Massive MIMO OFDM Uplink" IETCommunications, 2018	SCI IET	2018
10.	T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, "Multimodal medical image fusion based on Yager's intuitionistic fuzzy sets," Iranian Journal of Fuzzy Systems.	SCI	2018
11.	G.Pratibha, B.Chandra Mohan, "Tumor extraction from mammograms with exposure based histogram equalization enhancement, Rough Fuzzy C Means Clustering, and Morphological Operators, IET Imaging processing under revision	SCI IET	2018
12.	B.Lakshmi Sirisha, S Srinivas Kumar, and B Chandra Mohan, "secret image sharing using eigen values and vectors" communicated to Journal of Information and Optimization Sciences. Journal of Information and Optimization Sciences, Taylor & Francis publication	SCI Taylor& Francis	2017
13.	S.Pallavi Ram, B.Chandra Mohan, "Weighed noise threshold based channel estimation for OFDM Systems" SADHANA, Springer publication, December 2017	SCI Springer	2017
14.	T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, "Multimodal medical image fusion based on Sugeno's intuitionistic fuzzy sets," ETRI Journal (Electronics and Telecommunications Research Institute) vol. 39, no. 2, April 2017, pp. 173-180.	SCI	2017
15.	G.Pratibha, B.Chandra Mohan, "Classification of benign and malignant masses using Bandelet and Ripplet type II Transform", Computer methods in Biomedical and Biomechanics:Imaging and Visulation, Taylor and Francis, July, 2017	SCI Taylor& Francis	2017
16.	S.Pallaviram, B.Chandra Mohan, " A survey on denoising threshold based channel estimation algorithms for OFDM" Elsevier Journal of Engineering Science and Technology	Elsevier	2017
17.	**B.**Lakshmi Sirisha, S Srinivas Kumar, and B Chandra Mohan,"Steganography based image sharing with reversibility", Journal of Discrete Mathematical Sciences and Cryptography, Taylor & Francis publication, vol.19, no.1, 2016, pp.67-80.	SCI Taylor & Francis	2016
18.	B.Lakshmi Sirisha, S Srinivas Kumar, and B Chandra Mohan, "Identification of cheaters in elections using steganography", Journal of Information and Optimization Sciences, Taylor & Francis publication , vol.37, no. 2, 20016, pp.271-278,	Taylor & Francis	2016

19.	S.Pallavi Ram, **B.Chandra Mohan**, ""An eigen-select denoising threshold for channel estimation in OFDM systems" International Journal of Communication Systems, IJSC, **John Wiley Publications** 10 APR 2015, DOI: 10.1002/dac.2971	SCI John Wiley	2015
20.	S.Pallaviram, **B.Chandra Mohan** "A pilot aided channel estimator using DFT based time interpolator for massive MIMO-OFDM systems" **Elsevier Journal AEU** - International Journal of Electronics and Communications 69 (2015) 321-327	SCI Elsevier	2015
21.	B.Nancharaiah, **B.Chandra Mohan,** "The performance of a hybrid routing intelligent algorithm in Mobile Adhoc Network" Journal of Computer and Electrical Engineering, **Elsevier Publishers,** 40 (2014),1255-1264	SCI Elsevier	2014
22.	S.Pallavi Ram, B.Chandra Mohan, "On the comparison of various overhead arrangements for massive MIMO-OFDM channel estimation", International Journal of Electronics and Telecommunications, 60(2)173-179, June 2014	SCI	2014

Premier International/National Conferences

S.No	Description	Conducted by	Year
1.	B.Chandra Mohan, T.Krishna Chaitanya, T.Tirupal, "A Comparison of CNN vs Image Moment Feature based classification applied to MPEG-7 dataset", CMA 2019, 12-14, November, 2019, IIT Indore	IIT Indore	2019
2.	B.Chandra Mohan, T.Krishna Chaitanya, T.Tirupal, "Fast and accurate Content Based Image Classification and Retrieval using Gaussian Hermite Moments applied to COIL 20 and COIL 100", ICCCNT 2019, July 06-08, 2019, IIT Kanpur.	IIT Kanpur	2019
3.	T.Krishna Chaitanya, B.Chandra Mohan, S.Srinivas Kumar, "CNN vs Directed Acyclic Graph CNN for three class classification of MIAS dataset", INCAM 2019, July 03-05,2019, IISc Bangalore	IISc Bangalore	2019
4.	T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, "Type-2 Fuzzy set based Multimodal Medical Image Fusion", INCAM 2019, July 03-05,2019, IISc Bangalore	IISc Bangalore	2019
5.	G.Pratibha,B.Chandra Mohan, "Mammograms classification using Multiresolution Transforms and Convolution Neural Networks" The ninth International Conference on Computing,	IISc Bangalore	2018

	Communication and Networking Technologies, July 10-12, 2018, IISc Bangalore		
6.	T.Krishna Chaitanya, B.Chandra Mohan, "The Analysis of Digital Mammograms using HOG and GLCM Features" The ninth International Conference on Computing, Communication and Networking Technologies, July 10-12, 2018, IISc Bangalore	IISc Bangalore	2018
7.	G.Pratibha, B.Chandra Mohan, "Mammogram classification using wavelet based transforms and convolutional neural networks", emerging areas in Bio Sciences and Biomedical technologies, eBBT symposium, 05/01/2018 to 06/01/2018, IIT Indore	IIT Indore	2018
8.	T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, " "Multimodal medical image fusion based on Fuzzy sets with Orthogonal Teaching Learning Based Optimization" International conference on Computational Intelligence ICCI2017, IIT Kanpur, December 6-7, 2017	IIT Kanpur	2017
9.	M.V.N.Chakravarthy, B.Chandra Mohan, "Detection and correction of sampling time errors in N channel time interleaved ADC using genetic algorithm", IEEE INDICON 2017, December 15-17, IIT Roorkee.	IIT Roorkee	2017
10.	M.V.N.Chakravarthy, B.Chandra Mohan, "Estimation of sampling time offsets in an N-channel time interleaved ADC network using differential evolution algorithm and correction using fractional delay filters", International Conference on Machine Intelligence and Signal Processing 2017, MISP 2017, December 22-24, 2017,IIT Indore	IIT Indore	2017
11.	T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, "A fusion method for multimodal medical images based on fuzzy sets with teaching learning based optimization," International Conference on Advances in Scientific Computing, IITMADRAS, Chennai, India, 28-30 November, 2016.	IIT Chennai	2016
12.	T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, "Multimodal medical image fusion using Sugeno's Intuitionistic Fuzzy sets" Internal Conference on Biomaterials, Bio diagnostics, Tissue Engineering, Drug delivery, and Regenerative Medicine, Bi Term 2016, IIT Delhi, New Delhi, 15-17 April, 2016	IIT Delhi	2016
13.	P.Surendra Kumar, B.Chandra Mohan, " Dual frequency vertex fed pentagonal slot on rectangular patch for WLAN/WiMax Applications", INDICON 2016, IEEE International Conference, IISc Bangalore, December 2016	IISc Bangalore	2016

	3rdBEST PAPER AWARD		
14.	S.Pallavi Ram, C.Narendra Babu, B.Chandra Mohan, "Applicability of Big Data Analytics to massive MIMO systems" IEEE INDICON 2016, December 2016	IISc Bangalore	2016
15.	P.Surendra Kumar, B.Chandra Mohan, " Dual band Microstrip patch antenna desing with inverted E slot and U slot" IEEE International Conference on Industrial Information Systems, ICIIS organized by IIT Roorkee, December, 2016	IIT Roorkee	2016
16.	B Lakshmi Sirisha, S Srinivas Kumar, and B Chandra Mohan, "Steganography based information security with high embedding capacity" National conference on Recent Advances in Electronics & Computer Engineering (RAECE), IIT Roorkee, IEEE Publication, 2015, pp.17-21.	IIT Roorkee	2015
17.	T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, "Multifocus medical image fusion based on fractional lower order moments and modified spatial frequency," International Conference on Advances in Biotechnology, BIOTECH-2015, IITKANPUR, India, ISSN: 2251-2489, 13-15 March 2015, pp.145-154.	IIT Kanpur	2015
18.	T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, "Multimodal Medical Image Fusion based on à trous Wavelet Decomposition and Contrast Visibility," 3rd International Conference on Nanotechnology for Biological and Biomedical Applications, Nano-Bio-Med 2015, IITBOMBAY, Mumbai, India, 1-4 December, 2015.	IIT Mumbai	2015
19.	T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, "Image fusion of natural, satellite, and medical images using undecimated discrete wavelet transform and contrast visibility," National Conference on Recent Advances in Electronics & Computer Engineering, RAECE-2015, IIT ROORKEE, India, 13-15 February 2015. Published in IEEE-Xplore conference proceedings (RAECE-2015), oi:10.1109/RACE.2015.7510217	IIT Roorkee	2015
20.	G.Pratibha, B.Chandra Mohan, Breast cancer analysis using diffusion wavelet, Proceedings of the 5th annual international conference on advances in BioTechnology, IIT Kanpur, 13-15th March, 2015	IIT Kanpur	2015
21.	G.Pratibha, B.Chandra Mohan, Automatic Breast Cancer analysis using Bandlet transform, Proceedings of National conference on Recent Advances in	IIT Roorkee	2015

	Electronics and Computer Engineering, (RAECE) at IIT Roorkee held on 13 to 15th February, 2015		
22.	P.Surendra Kumar, B.Chandra Mohan, " A compact design of two element MIMO antenna with improved bandwidth and isolation " International Conference on Microwave, Optical,and Communication Engineering, ICMOCE-2015, IIT Bhubaneswar, December 2015	IIT Bhubaneswar	2015
23.	P.Surendra Kumar, B.Chandra Mohan, " Performance analysis of a rectangular microstrip antenna with circular slots", National Conference on Recent advances in Electronics and Computer Engineering, RAECE-2015, IIT Roorkee	IIT Roorkee	2015
24.	T.Tirupal, B.Chandra Mohan, S.Srinivas Kumar, "On the use of undecimated discrete wavelet transform for medical image fusion," National Conference on Present Scenario and Future Trends in Biomedical Engineering and Healthcare Technologies, FTBH-2014, IIT BHU, Varanasi, 17-18 October 2014, pp. 5-6.	IIT BHU	2014
25.	G.Pratibha, B.Chandra Mohan, Automatic Breast cancer analysis using Bandlet optimized GA-SVM, Proceeding of the National Conference on Future Trends in Biomedical Engineering and Health Care Systems at IIT BHU Varanasi on 17-18th October, 2014	IIT BHU	2014
26.	P.V.L.Suvarchala, S.S.Kumar,B.Chandra Mohan, "Iris Recognition under Non-Ideal Imaging Conditions and CCD Noise" Pattern Recognition and Machine Intelligence, PREMI 2013, Indian Statistical Institute, Kolkata, December 10-14, 2013	ISI Kolkata	2013
27.	P.Suvarchala, S.Srinivas Kumar, B.Chandra Mohan, "Effective Iris Recognition with S-Transform" International Conference on Biomedical Signals, Systems and Images , BSSI 2012 conducted by IIT Chennai, 2012.	IIT Chennai	2012
28.	P.Suvarchala, S.Srinivas Kumar, B.Chandra Mohan, "Effective Iris Recognition with S-Transform" International Conference on Biomedical Signals, Systems and Images , BSSI 2012 conducted by IIT Chennai, 2012.	IIT Chennai	2012
29.	S.Pallavi Ram, B.Chandra Mohan, "On the performance of Linear and Decision Feedback Equalizers in IIR and reverberation environments" Centenary Conference 2011, Electrical Engineering,	IISc Bangalore	2011

	Indian Institute of Science, (IISc)15-17 December 2011.		

International Journals

1.	S.Sireesha, S.Srinivas Kumar, **B.Chandra Mohan**, " Steganography based Image Sharing with Reversibility" Journal of Discrete Mathematical Sciences & Cryptography", **(Accepted) Taylor and Francis Group**
2.	S.Pallavi Ram, B.Chandra Mohan, Weighted-noise threshold based channel estimation for OFDM Systems, SADHANA, Academy Proceedings in Engineering Science, Accepted for Publication. **Springer Publishers**
3.	S.Pallavi Ram, **B.Chandra Mohan**, ""An eigen-select denoising threshold for channel estimation in OFDM systems" International Journal of Communication Systems, IJSC, **John Wiley Publications** 10 APR 2015, DOI: 10.1002/dac.2971
4.	S.Pallaviram, **B.Chandra Mohan** "A pilot aided channel estimator using DFT based time interpolator for massive MIMO-OFDM systems" **Elsevier Journal AEU** - International Journal of Electronics and Communications 69 (2015) 321-327
5.	N.Sai Sravan, **B.Chandra Mohan**, N.V.Ramana, "A Novel Technique to reduce interference in broadcast bands from mobile networks", International Journal of Advanced Research in Computer Communication Engineering, "ISSN 2278-1021, IJARCCE, Vol.3, Issue 9, September 2014
6.	Sk.Sajida Parveen, G. Pratibha, **B. Chandra Mohan,** "Medical Image Retrieval using Bandelets", International Journal of Science, Engineering and Techology, ISSN: 2348-4098,VOLUME 02 ISSUE 06 JULY 2014
7.	S.Pallaviram**, B.Chandra Mohan** "On the Comparison of Various Overhead Arrangements for Massive MIMO-OFDM Channel Estimation", International Journal of Electronics and Telecommunications, Vol.6, No.2, 2014, pp 173-179
8.	B.Nancharaiah, **B.Chandra Mohan,** "The performance of a hybrid routing intelligent algorithm in Mobile Adhoc Network" Journal of Computer and Electrical Engineering, **Elsevier Publishers,** 40 (2014),1255-1264
9.	B.Nancharaiah, **B.Chandra Mohan**, An Efficient Routing in Mobile Adhoc Networks (MANETs) using Hybridisation of Fuzzy ACO with Adaptive GeneticAlgorithm, 369-377, Volume 117, No.3, January 2014, European Journal of Scientific Research.
10.	"On the Performance of MANET using QoS protocol", International Review on Computer and Software **Vol.8,No.10 ISSN:1828-6003,2013**
11.	B.Nancharaiah, **B.Chandra Mohan**, "Routing in Mobile Adhoc Networks (MANETS) using Fuzzy aided ant colony optimization (ACO) Technique Journal of Theoretical and Applied Information,Technology, ,June 2013 --

	Vol. 52. No. 2 – 2013
12.	P.Rama Koti Reddy, **B.Chandra Mohan**, " Design and Analysis of Film Bulk Acoustic Resonator(FBAR) Filter for RF Applications, International Journal of Radio Frequency Identification and Wireless Sensor Networks, 2012, Vol.2, 1-4.
13.	T.Tirupal, **B.Chandra Mohan**, 'Pixel level multi focus image fusion based on wavelet transform and principal component analysis'. *Proc. JIEC,* 2012, vol.2, (2), ISSN: 2249-9946, pp. 60-64
14.	M.Koteswara Rao, K.Veera Swamy, K.Anithasheela and B.Chandra Mohan "Face Recognition using Different local features with different distance techniques" "International Journal of Computer Science, Engineering and Information Technology (IJCSEIT), Vol.2, No.1, February 2012 DOI : 10.5121/ijcseit.2012.2107 67
15.	**B.Chandra Mohan** ,K.Veera Swamy ,S.Srinivas Kumar, "A Comparative performance evaluation of SVD and Schur decompositions for Image Watermarking," International Journal of Computer Applications (IJCA), No.2, pp.25-30, 2011
16.	N. Leelavathy, E. V. Prasad, S. Srinivas Kumar, and **B. Chandra Mohan**, "Oblivious Image Watermarking in Discrete Multiwavelet Domain using QIMM ", Special Issue Paper" for publication in "Special Issue: Recent Advances in Multimedia Information Networking and Security"of Journal of Multimedia (JMM, ISSN 1796-2048). Volume 6, Issue 4, 2011
17.	**B.Chandra Mohan**, K.Veera Swamy, "On the use of Schur decomposition for copyright protection of digital images" , International Journal of Computer and Electrical Engineering, (IJCEE) Vol.2, No.4, ,pp.1793-8163, August, 2010
18.	Ch.Srinivasa Rao, S.Srinivas Kumar, **B.Chandra Mohan,** "Content Based Image Retrieval using Exact Legender Moments and Support Vector Machine," The International Journal of Multimedia and its Applications,(IJMA) Vol.2., No.2, May 2010
19.	K.Veera Swamy, **B.Chandra Mohan, "**Image compression and watermarking scheme using scalar quantization", International Journal of Next Generation Network, IJNGN, Vol.2, No.1, March 2010.
20.	**B.C.Mohan**, K.Veeraswamy, D.Harsha Vardhan, " SVD based image compression and blind watermarking", IJCT Journal, Serial Publications, New Delhi, April Issue, pp.39-43,2009.
21.	**B.C.Mohan**, S.S.Kumar, and B.N.Chatterji, " A robust digital image watermarking scheme using singular value decomposition (SVD), dither quantization and edge detection", Graphics Vision and Image Processing

	(GVIP) Vol.8, issue 2, , pp.17-23, 2007
22.	**B.C.Mohan** and S.S. Kumar, "Robust digital watermarking scheme using contourlet transform", International Journal of Computer Science and Network Security (IJCSNS), Vol.8, Issue 2, 2008, pp.43-51.
23.	**B.C.Mohan** and S.S.Kumar, "A robust image watermarking scheme using singular value decomposition", Journal of Multimedia , Vol.3, No.1, 2008, pp.7-15.
24.	**B.C.Mohan** and S.S. Kumar, "A robust multiple image watermarking scheme using discrete cosine transform with multiple descriptions" International Journal of Computer theory and Engineering, (IJCTE), Vol.1, No.5, December, 2009, pp.527-532.

National Journal

1.	**B.Chandra Mohan,** T.Krishna Chaitanya and P.Surendra Kumar, " A SVD and Genetic Algorithm based Image Watermarking Scheme", ANU Journal of Engineering & Technology, Vol.No.1, pp. 73-80, June 2010.

International Conferences:

1.	T.Tirupal, B.Chandra Mohan, "Multimodal Medical Image Fusion based on à trous Wavelet Decomposition and Contrast Visibility", NanoBioMed 2015 at IITBombay 1-4 December 2015 (Accepted)
2.	P.Surendra Kumar, B.Chandra Mohan, "DESIGN OF A COMPACT TWO ELEMENT MIMO ANTENNA WITH IMPROVED BANDWIDTH AND ISOLATION" has been accepted for presentation at the ICMOCE 2015 at IIT Bhubaneswar, December 18-20, 2015.(Accepted)
3.	G.Pratibha, B.Chandra Mohan, "Breast Cancer Analysis using Bandelet Transform" 5th Annual International Conference on Advances in BioTechnology, 2015, BioTech2015, March 13-15 2015, **Indian Institute of Technolgy (IIT) Kanpur**
4.	B.Nancharaiah, B.Chandra Mohan, " Modified Ant Colony Optimization to Enhance MANET Routing in Adhoc on Demand Distance Vector", 2nd International Conference on Business and Information Management (ICBIM), **NIT Durgapur,Jan 9-11, 2014**
5.	P.V.L.Suvarchala, S.S.Kumar,B.Chandra Mohan, "Iris Recognition under Non-Ideal Imaging Conditions and CCD Noise"is accepted for publication in **PREMI 2013, Indian Statistical Institute, Kolkata**, December 10-14, 2013
6.	B.Nancharaiah, B.Chandra Mohan, MANET link performance using Ant Colony Optimization and Particle Swarm Optimization algorithms. Published

	in: Communications and Signal Processing (ICCSP), 2013 International Conference on Date of Conference: 3-5 April 2013, Adiparasakthi college of engineering
7.	P.Rama Koti Reddy, B.Chandra Mohan, "Design and analysis of FBAR filters using MEMS technology", International Conference On Emerging Trends in Electrical, Communication and Information Technologies, ICECIT2012, Srinivasa Ramanujan Institute of Technology, Ananthapur, 21-23 Dec 2012.
8.	P.Suvarchala, S.Srinivas Kumar, B.Chandra Mohan, "Effective Iris Recognition with S-Transform" International Conference on Biomedical Signals, Systems and Images , BSSI 2012 conducted by **IIT Chennai**, 2012.
9.	T.Tirupal, B.Chandra Mohan, 'Multifocus Image Fusion using an Edge Enhanced Detail based on à trous Wavelet Decomposition'. *Proc. ICCSP, ,* pp. 17-21, 2012
10.	P.Surendra Kumar, T.Krishna Chaitanya, **B.Chandra Mohan,** "International Conference on MATLAB Applications in Engineering andTechnology" organized by IRNet interscience research network , Bangalore, presented paper on ERROR PERFORMANCE OF TURBO CODES IN AWGN CHANNELS" on January 1st 2012
11.	**B.Chandra Mohan**, K.Veera Swamy, "A Comparative performance evaluation of SVD and Schur Decompositions for Image Watermarking", International Conference on VLSI, Communications and Instrumentation Sanitgits college of engineering, Pathamuttom, Kottayam, Kerala, April 07-09,2011
12.	S.Pallavi Ram, **B.Chandra Mohan,** "On the performance of Linear and Decision Feedback Equalizers in IIR and reverberation environments" Accepted for Centenary Conference Centenary Conference 2011, Electrical Engineering, **Indian Institute of Science,** (**IISc**)15-17 December 2011.
13	S.S.Kumar, **B.C.Mohan**, and B.N.Chatterji, "An oblivious image watermarking scheme using singular value decomposition" IASTED International Conference on Signal and Image processing, Honolulu, Hawaii, USA, Aug 20-22, 2007, pp.19-24.
14	**B.Chandra Mohan**, S.S.Kumar, and B.N.Chatterji, "Digital Image Watermarking in Dual Domains", Proceedings of International Conference on Visual Information Engineering, VIE 2006, Bangalore, India, 26-28 September 2006, India, pp.410-415.
15	**B.Chandra Mohan**, T.Siva Kishore, K.Veera Swamy presented a paper titled "Contrast based Robust Watermarking in Wavelet Domain" at ICSIP2006, First International Conference on Signal and Image Processing at BV Bhooma reddy college of engineering and technology ,Hubli, Karnataka , India. 7-9th December 2006.

16	**B.Chandra Mohan**, K.Veeraswamy and T. Jyothirmayi, "An image compression using AC predictions," International conference on Computational Intelligence and Multimedia Applications, Published by IEEE Computer Society, 13-15 December 2007, pp. 25–30.
17	**B.Chandra Mohan**, K.Veera Swamy, D.Harsha Vardhan, " SVD based image compression and blind watermarking", International Conference on VLSI and Communication, Sanitgits college of engineering, Pathamuttom, Kottayam, Kerala, April 16-18,2009.
18	K.Veera swamy, **B.Chandra Mohan,** S.Srinivas Kumar, "HVS based Robust image watermarking scheme using slant transform", International Conference on Digital Image Processing, Published by SPIE, 26-28 February 2010, Vol.7546, pp.1F-1 to 1F-6.
19	K.Veera Swamy, **B.Chandra Mohan**, Y.V.bhaskar Reddy and S.Srinivas Kumar, "Energy based quantization for image compression using contourlet transform", International Conference on Networks and Communications, Published by IEEE computer Society, 27-29 December, 2010, pp.230-234
20	K. Veeraswamy, **B.C. Mohan**, YV Bhaskar Reddy and V.Radhika, "A Robust Digital Image Watermarking Scheme using Human Visual System," International conference on VLSI design & Communication Systems (ICVLSICOM-10), Excel Publishers, 08-10 January 2010, pp.162-167.
21	K.Ramanjaneyulu, S.Pallaviram, **B.C.Mohan** and K.Rajarajeswari, "A Modified Compmark Technique For Blind Grayscale Logo Watermarking," Proc. of International Conference, ICEDSP-09, held during 10-12, December 2009 at MIT, Manipal.

National Conferences:

1.	P.Surendra Kumar, **B.Chandra Mohan**, "Performance Analysis of a novel Rectangular Microstrip antenna with circular slots" National Conference on Recent Advances in Electronics & Computer Engineering (February 13-15, 2015), Indian Institute of Technology, **IIT Roorkee**
2.	B.Lakshmi Sireesha, **B.Chandra Mohan**, S.Srinivas Kumar, "Steganography based information security with high embedding capacity National Conference on Recent Advances in Electronics & Computer Engineering (February 13-15, 2015), Indian Institute of Technology, **IIT Roorkee**
3.	G.Pratibha, **B.Chandra Mohan**, " Automatic Breast Cancer analysis using Bandelets" Accepted for the national conference on " Present Scenario and future trends in Biomedical Engineering and Health Care technologies" 17-18 October 2014, **IIT Varanasi**
4.	T.Tirupal, **B.Chandra Mohan**, "On the use of Undecimated Discrete Wavelet transform for Medical Image Fusion" Accepted for the national conference on " Present Scenario and future trends in Biomedical Engineering and Health Care technologies" 17-18 October 2014, **IIT Varanasi**
5.	S.Pallavi Ram, **B.Chandra Mohan**, "On the positioning of low pass interpolator for channel estimation in OFDM systems", Proceedigs of NSSP , Acharya Nagarjuna University, Guntur, India 11-13, December 2013, pp.162-167
6.	**B.Chandra Mohan,** T.Krishna Chaitanya, Ch.Srinivasa Rao, "Krawtchouk Moments and Genetic Algorithm for Content Based Image Retreival" Proceedings of National Workshop on Fuzzy Systems & Soft Computing in Industrial Applications – NWFS 2012. DEC 21 -22, 2012 Department of Mathematics PSG College of Technology, Coimbatore, pp.31-37
7.	T.Tirupal, **B.Chandra Mohan**, 'Multifocus image fusion based on segmentation using stationary wavelet transform'. *Proc. NCAECIT,* 2012, pp. 93-99
8.	M.Veneela, K.Veera swamy, **B.Chandra mohan**,"An improved SVD-Based Digital Image Watermarking scheme to improve robustness ",Emerging Trends in Electronics and Communications (ETEC-2010), SACET Chirala, Feb 6th 2010, pp.107-111.

9.	**B. Chandra Mohan**, K.Veeraswamy, Charan and K.Ramanjaneyulu, "A New SVD based Secure and Blind Image Watermarking Technique for Copyright Protection,NCVESCOM'09, Chennai, India, 8-9 April 2009, pp.120-122.
10.	**B.Chandra Mohan**, K.Veera Swamy, Charan and K.Ramanjaneyulu, "A New SVD based secure and blind image watermarking technique for copyright protection" NCVESCOM'09, held during 8-9, April 2009 at Aarupadai Veedu Institute of Technology, Chennai.
11.	M.Koteswara rao, K.Veeraswamy, **B.Chandra mohan,**"Fce recogfnition using hybrid approach",Proceedings of the National Conference on Signal Processing and Communication(NCSPC-2009) Dec 4-5,2009,Mallareddy college of engineering and technology,Hyderabad,pp 38-42.
12.	T.Krishna Chaitanya, K,Ramanjaneyulu, , **B. Chandra Mohan,** and K.Veeraswamy, "An Image Watermarking scheme using Hadamard Transform," Proceedings of the National conference on Advances in Signal Processing, NCASP-09, held during 20-21, November 2009 at Andhra University, Visakhapatnam pp. 107-111
13.	"Antenna Optimization in CDMA Networks" National Conference on 'Advances in Sensor Networks & Processing-2006, ASNP-2006(18th March, 2006), Organized by Scient Institute of Technology, Hyderabad.
14.	Further Lossless Compression of JPEG images" in the National Conference on "Wireless & Mobile Communication ", NCWMC (10-11, March 2006). Vardhman College of Engineering, Hyderabad.
15.	G.V.Satyakumar, K.Veeraswamy, and **B. Chandra Mohan**, "Improved lossless image compression using predictions," Proceedings of the National onference on Signal Processing and Communication Systems,NCSPCS'08, Guntur, India, 20-21 February 2008, pp.301-304.
16.	K.Veeraswamy, **B. Chandra Mohan**, and K.Ramanjaneyulu, "Adaptive predictor for lossless image compression," Proceedings of the National conference on Emerging Trends in Electronics and Communication Engineering, NC'06, Goa, India, 14-15 September 2006, pp. 40-43.
17.	K.Veeraswamy, **B. Chandra Mohan**, Ch. Altaff Hussain , and V.R.Krishna, "Topological reordering of pixels and Lossless Image Compression," Proceedings of the National conference on Emerging Trends in Instrumentation and Communication Technologies, ETICT'06, Kariapatti, India, 16-17 March 2006, pp. 29-33.

18.	K.Veeraswamy, **B. Chandra Mohan**, and M. Naveen, "Fast image compression using average KL Transform," Proceedings of the National conference on Computing Technologies,MEPCONCT'06, Sivakasi, India, 3rd March 2003,Vol.3, pp. 246-249.
19.	**B. Chandra Mohan** , K.Veeraswamy, and B.P.K.Karthik, "Multiple watermarking scheme using phase shift keying with amplitude boosting and low frequency block selection," Proceedings of the Second National conference on Signals Systems and Security,NCSSS'06, Satyamangalam, India, 24-25 February 2006, pp. 372-381

Short term Courses/Workshops attended

S.NO	Description
1.	Attended the ISTE Summer school on "Signals and Systems" held at JNTU College of Engineering, Anantapur from 9th May to 21st May, 1994.
2.	Participated in the short term course on "Digital Signal Processing and applications" conducted between 3rd January and 6th January, 1996, organized by ECE Dept of R.V.College of Engineering, Bangalore.
3.	Attended a short term course on "Adaptive Filtering Techniques & Applications", organized by the department of Electronics & Communications Engineering of JNTU College of Engineering, Kakinada from 14th October to 20th October 1996.
4.	Participated in the "One week programme on Performance Appraisal and Development System" conducted by Vasavi College of Engineering Hyderabad, during 16th 22nd of January 1997.
5.	Attended in the three day workshop on "Microwave Measurements" conducted under TEQIP by the department of ECE, NIT Warangal, during 10-12 August 2005.
6.	Participated in the "National Workshop on Advances in Signal and Image Processing" (ASIP-2006) during 27th & 28th February, 2006 organized by the Department of ECE, JNTU College of Engineering, Kakinada.

7.	Attended a workshop on "Industry Institute Interaction" conducted by National Project Implementation Unit, Min.of HRD, State Project Implementation Unit, Govt of AP during July 20-21, 2006 at Taj Residence, Hyderabad.
8.	Attended a conference on "Education in Values & Spirituality" organized from 4th June to 8th June, 2006 at Mount Abu by Rajyoga Education & Research Foundation and Prajapita Brahmakumaris.
9.	Attended a short term course on "Embedded System Design" organized by the dept of ECE of Osmania University, Hyderabad during 27-29 September, 2007.
10.	Attended a one-day workshop on "Competency Based Curriculum Design" on 8th April 2007 organized by JNTU College of Engineering, Kakinada under TEQIP.
11.	Participated a 3 day workshop on "Image & Video Compression" conducted by M.S.Ramaiah School of Advanced Studies, Bangalore from 24-05-07 to 26-05-07.
12.	Participated in a 2 day workshop on "Advances in Signal & Image Processing", at JNTU Kakinada, 20-21 October 2008
13.	Attended a two days training program on LATEX: The language of Scientific Writing (LSW 2010), ABV Indian Institute of Information Technology & Management, Gwalior, September 4-5, 2010.
14.	Attended a two day workshop in INSIGHT-09 a skill building workshop conducted by INFOSYS, Hyderabad on 06-07th April 2009.
15.	Attended a CSIR sponsored two day national seminar on "Computational Intelligence in Medicine and Health care (CIMHC-2012) conducted by Bannari Amman Institute of Technology, Satyamangalam during 10-11 August 2012.
16.	Attended a two day national workshop on "Machine Learning Techniques and its applications" conducted by Dept of Computer science of PSG College of Technology during October 10-11, 2013.

17.	Attended a faculty summit on Advanced Wireless Communication & Research conducted by IIIT Hyderabad on December 13 & 14, 2013.
18.	Attended a national workshop on "Software Defined Radio for realtime Communication and Signal Processing" conducted by Amrita Viswa Vidyapeetham on 27th February 2014.
19.	Attended a 2nd "World Summit on Accreditation" organized by National Board of Accreditation during March 08-10th, 2014 at New Delhi
20.	Participated in the faculty development programme on "Pedagogy tools in teaching" held at Vijayawada on 19th August 2014
21.	Attended a national workshop on Computer Vision and Image Processing Techniques (NWCVIPT 17) at Amrita Viswa Vidyapeetham from March 30th to April 1 2017. (3 days)
22.	Attended a two day workshop on "Deep Learning Techniques for Language processing , image, speech and text (DL-LIST 17)at Anna University from 10/11/2017 to 11/11/2017
23.	Attended a two day hands on training on "Image processing Algorithms and Advanced Intelligent Optimization Techniques" on 29/07/2016 and 30/07/2016 at Kongu Engineering College, Erode.
24.	Attended a two day workshop on "Recent Trends in Medical Image Processing Techniques and Applications " from 06/10/2016 to 07/10/2016 at CEG Campus, Anna University, Chennai.
25.	Participated in the One day National Workshop on "Nature Inspired Metaheuristic Algorithms: Modelling, Analysis and Control Engineering Applications, conducted by school of Electrical Engineering, Vellore Institute of Technology, 24/02/2018
26.	Participated in the One day Key Sight Education Symposium 2018 at DV Manor, Vijayawada on 13/04/2018
27.	Participated in the two day workshop on "Pattern Recognition and Computational Intelligence" conducted by NIT Trichy from 24/01/2019 to 25/01/2019.
28.	Participated in the one day workshop on "Machine learning in Imaging and Vision" organized by the school of computing science and engineering, VIT Chennai on 21st March, 2019.
29.	Participated in the National Level Faculty Development programme on "Deep Learning Unfolded" organized by the Department of Mathematics and Department of Computer Science at Amrita Vidya Peetham, Amritapuri Campus during 27-31, May, 2019

Guest Lectures Delivered:

- Lecture delivered on "Fundamentals of Image Processing" (20th December 2008, First session) in one day workshop on "Image Processing –Latest Developments" organized by Department of ECE ,Narayan Engineering College, Nellore.
- Lecture delivered on "Image Watermarking "(18th March 2008, First session) in three weeks workshop on "Refresher Course on Recent trends in Digital Image Processing" organized at UGC-Academic staff college, JNTU, Kukatpally in February- March 2008.
- Lecture delivered on "Color Image Processing " in three weeks workshop on "Advances in Digital Image Processing and Lidar" organized at UGC-Academic staff college, JNTU, Kukatpally in 22/11/2008
- Lecture delivered on "Contourlet Transform " (21st October 2008, Session three) in two day workshop on "Advances in Signal and Image Processing" at JNTU, Kakinada, 20-21 October 2008.
- Lecture delivered on "Image Watermarking and Steganography" (25th September 2010) in One day National Level Wokshop on Emerging trends in Digital Image Processing at Amara Institute of Engineering and Technology, Narasaraopet.
- Guest lecture delivered at LBR College of Engineering on 07/08/2009
- Guest Lecture delivered at Vignan Engineering College, Guntur, on "Image watermarking" in the two day workshop on "Emerging Trends in Communication and Signal Processing" Conducted on 01/07/08
- "Guest Lecture delivered at QIS College of Engineering "National Conference on Recent trends in communication & signal processing-2010 held on 27th & 28th March, 2010.
- Guest lecture delivered at QIS College of Engineering " Design and Development of Antennas" held on 08-09th January 2011.
- Guest Lecture delivered at Narasarao Pet Engg College
- Guest lecture deliverd on "Moments in Image Processing" at QIS College of Engineering, ICSIP,02-04 April 2012.
- Guest Lecture delivered at Vignan Lara College of Engineering
- Guest Lecture Delivered on " Waveletes and its Applications", JNTU College of Engineering Kakinada, on May 4, 5th 2014.
- Guest Lecture delivered on " Wavelets in Signal Processing" MIC College of Engineering, Kanchikacherla, Vijayawada.

Others:

1. Coordinator for the Lab Migration project of Digital Image Processing using Scilab by Indian Institute of Technology, Bombay (IIT Mumbai)

Best Paper Awards:

1.	The paper titled " A Comparative Performance Evaluation of SVD and Schur Decompositions for Image Watermarking" was selected as best paper in the International Conference on VLSI, Communication and Instrumentation (ICVCI 2011) 09/04/2011, Kottayam, Kerala.
2.	The paper titled " Multiple Watermarking scheme using PSK with Amplitude boosting and low frequency block selection " presented at NCSSS-2006 during Feb 24-25 , 2006 , Satyamangalm, Tamilnadu.
3.	The paper titles " Dual frequency vertex fed pentagonal slot on rectangular patch for WLAN/WiMax Applications", INDICON 2016, IEEE International Conference, IISc Bangalore, December 2016 was awarded 3rd best paper in the conference.
4.	A research paper titled "A compact hexaband and UWB antenna using heptagon and nanogon rings with vertex feed" by Mr.P.Surendra kumar and B.Chandra Mohan, was awarded the best paper in INCAP 2018 conference conducted at Hyderabad., December 16-19, 2018.

AICTE Projects:

1. **MODROBS** project of Advanced Communication Laboratory with Fiber Optic Modules with a grant of Rs.7.12 Lakhs