



National Education Society (R)

JAWAHARLAL NEHRU
NATIONAL COLLEGE OF ENGINEERING, SHIMOGA

COMPUTER SCIENCE ENGINEERING

2018-19

Sl.No:	Publications
1.	Chetan K R and S Nirmala, "A Novel Contourlet Based Fragile Watermarking Scheme for Tamper Localization, Recovery and Attack Classification on Handwritten Document Images", International Journal of Engineering, Applied and Management Sciences Paradigms (IJEAM), Vol. 54, Issue 1, pp 1-9, April 2019. ISSN 2320-6608
2.	Jalesh Kumar and S Nirmala, "Securing the regions comprising information in a document image with novel key selection technique –a parallel approach", Journal of Information Security and Applications - ELSEVIER, Vol. 46, pp 84-95, 2019. https://doi.org/10.1016/j.jisa.2019.03.006
3.	Sushma R B, Manjula G R, Hiriyananna G S, Namitha M V and SayyedJohar, "DNA Based Steganography using 2-3-3 Technique", IEEE International Conference on Data Science and Communication, 2019. 01 - 02 March, 2019 CHRIST (Deemed to be University), Bangalore, (INDIA) 978-1-5386-9319-3/19/\$31.00 ©2019 IEEE
4.	Akshatha R and Vedananda D E," Implementation of modified Hybrid-RED algorithm for congestion avoidance in MANET's". International Journal for Research in Applied Science and Engineering Technology (IJRASET), Vol.-6, issue-5, May-2018.
5.	Sankhya N Nayak and Nirmala C.R, "Text Localization in Natural Scene Images Using SURF and SVM classifier for Multilingual Scene Text", International Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Vol.ume.5, Issue 12, pp 351-356, 2018.
6.	SankhyaNayak and Nirmala C.R, "Text Extraction From Natural Scene Images Using Adaptive Methods", International Journal of Pure and Applied Mathematics, Vol.120, Issue. 6, pp1669-1682, 2018
7.	Jalesh Kumar and S Nirmala, "Securing the regions comprising information in a document image with novel key selection technique –a parallel approach", Journal of Information Security and Applications - ELSEVIER, Vol. 46, pp 84-95, 2019. https://doi.org/10.1016/j.jisa.2019.03.006
8.	Rashmi V and Sankhya N Nayak," A hybrid approach to localize text in natural scene images", International Journal of Engineering Applied Sciences and Technology, Vol. 3, Issue 1, pp 53-60, 2018. ISSN 2455-2143

9.	Manjunatha H.N and Sankhya N Nayak, "A Survey on Detection of Botnet in mobile platform", International Journal of Computer Engineering and Applications, Vol.XII, Issue I, Pages 283 -296, 2018. ISSN 2321-3469
10.	Pushpa R N, Sreedevi S, ThaseenBhasith, "Heart Disease Prediction Using Machine Learning", International Journal of Latest Transactions in Engineering And Science (IJLTES), Vol 7 Issue 2 pp 23-27, July 2019 ISSN: 2321-0605
11.	ThaseenBhasith, Pushpa R N, Sreedevi S, "Automated Fare Calculation In Metro Train Using Face Detection And Recognition", International Journal of Latest Trends in Engineering and Technology Vol.14, Issue(1), pp.048-052, 2019 e-ISSN:2278-621X
12.	Hiriyanna G S, SayyedJohar, and Kavya D N, "An Image Steganography Method Using Canny Edge Detection For Hiding Data In Image Using HSI Color Space", International Journal of Engineering Applied Sciences and Technology, Vol. 4, Issue 3, Pages 109-113, 2019, ISSN No. 2455-2143
13.	Sathyanarayana S, "Maximizing Network Lifetime Using Routing Algorithm For Wireless Sensor Network", International Journal of Latest Trends in Engineering and Technology Vol.14, Issue(1), pp.041-047, 2019 e-ISSN:2278-621X
14.	Nandish M, Dr.Jalesh Kumar and Mohan H G, "An Image Encryption Process Based on Multiple Chaotic Maps" Journal of Research in Image and Signal Processing, Vol.3 ,Issue 2 , Aug 2018
15.	ThaseenBhasith, Pushpa R N, Sreedevi S, "Minutiae extraction System from Fingerprint", International Journal of Latest Transactions in Engineering And Science (IJLTES), Vol 7 Issue 2 pp 32-39, July 2019 ISSN: 2321-0605
16.	Jyothi B.K, Ganavi M, "An efficient cryptographic Technique using RC4 and Pixel Shuffling algorithms", International Journal of Research in Science and Technology, Vol. 9, Issue II, June 2019.
17.	Pooja.V, Ganavi. M, Sowmya. D, Hiriyanna.G.S, "A color image steganography using 7 th bit pixel indicator & Galois field arithmetic", International Journal of Engineering Applied Sciences and Technology, Vol. 4, Issue 3, ISSN No. 2455-2143, Pg. no. 353-358, July 2019.
18.	Sowmya D, Sayyed Johar, Ganavi M, Sankhya N Nayak, "Analyzing Wine Types and Quality using machine learning techniques", International Journal of Engineering Applied Sciences and Technology, Vol. 4, Issue 3, ISSN No. 2455-2143, Pg. no. 353-358, July 2019.
19.	S.J.Prashantha and Poornima K M, "Automatic pattern discovery of neonatal brain tumor segmentation and abnormalities in MRI sequence", proceedings of the Springer third International Conference on emerging research in electronics, computer science and technology, ICERECT-2018, PES college of engineering, Mandya, Karnataka,23-24 Aug2018.
20.	Suparna H S and Poornima K M, " Supervised machine learning technique for face identification and expression recognition", proceedings of the IEEE International Conference on innovations in engineering, technology and sciences, ICIETS-2018, NIE institute of technology, Mysore, Karnataka, 20-21 Sept. 2018.

21.	Sunil Kumar H R and Poornima K M, “ Diagnosing agricultural crop leaf diseases using digital image processing techniques: a review”, proceedings of the third IEEE International Conference on Electrical, Electronics, Communication, Computer technologies and Optimization Techniques (ICECCOT-2018), GSSS institute of engineering and technology for women, Mysore, Karnataka, 14-15 Dec. 2018.
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2017-18

Sl.No:	Publications
1.	Jalesh Kumar and S Nirmala, “A novel approach for enhancing the security of information content of an image”, International Journal of Multimedia and Security Applications, Inderscience, Vol.3, Issue 2, pp. 109–128 2018. https://doi.org/10.1504/IJMIS.2018.096354
2.	Chetan K R and S Nirmala, “An Adaptive Curvelet Based Semi-Fragile Watermarking Scheme for Effective and Intelligent Tampering Classification and Recovery of Digital Images”, International Journal of Rough Sets and Data Analysis (IJRSDA)- IGI GLOBAL , Vol. 5, No.2, pp- 69-94, 2018 ISSN: 2334-4598. DOI: 10.4018/IJRSDA.2018040104
3.	ManjunathKamath and R. SanjeevKunte, “Reversible Video Steganography using Histogram Shifting”, International Journal of Engineering Research & Technology, Vol.. 5, Issue 20, pp. 1-5, 2017. ISSN: 2278-0181
4.	Nandish M, Dr.Jalesh Kumar, and Mohan H G, “An Image Encryption Process Based on Multiple Chaotic Maps”, Journal of Research in Image and Signal Processing, Vol.3 ,Issue 2, pp 1-12 Aug 2018
5.	Jalesh Kumar and S Nirmala, “A novel approach for enhancing the security of information content of an image”, International Journal of Multimedia and Security Applications, Inderscience, Vol.3, Issue 2, pp. 109–128 2018. https://doi.org/10.1504/IJMIS.2018.096354
6.	Bindu A N and Jalesh Kumar, “Design and Implementation of Game Based Security Model to Secure The Information Contents”, European Journal of Advances in Engineering and Technology, 2018, 5(7), Vol.5, Issue 7, pp 474 - 480, 2018. ISSN: 2394 - 658X
7.	Sushma R B, Manjula G R, and SayyedJohar, "Hybrid Selective Steganography", International Journal of Advanced Research and Publications(IJARP),Vol..1 - Issue 2, August 2017 Edition, 84-87
8.	SayyedJohar, Manjula G R, and Namitha M.V “Image Stitching Using Correlation Method” Imperial Journal of Interdisciplinary Research (IJIR), Vol. 3, Issue 7, pp 282-290, 2017. ISSN:2454-1362
9.	Sahana, Manjula G R and Sushma R B. “Edge Based Video Steganography with RSA Algorithm”, International Journal of Emerging Technology and Advanced Engineering (IJETA E).; Vol.7 Issue 7 July 2017. ISSN: 2250-2459

10.	Archana K and Chetan K R, "Survey On Object Tracking In Real Time Embedded System Using Image Processing", International Journal of Computer Engineering and Applications, Vol. 12, Issue 1, pp 277 – 282, Jan. 2018. ISSN 2321-3469
11.	Chetan K R and S Nirmala, "Multiple Content Adaptive Intelligent Watermarking Schemes for the Protection of Blocks of a Document Image", Journal of Digital Forensics, Security and Law Vol. 12: No. 4, Article 3., 2017. DOI:10.15394/jdfsl.2017.1407
12.	Pavithra G.K and Ganavi M, "Authenticated key exchange protocols for parallel network file system for security" Imperial Journal of Interdisciplinary Research (IJIR), Vol.-3, Issue-11, pp 209-215, November 2017.
13.	Nayana K V and Vedananda D E, "Enhanced Flocking Method To Control Congestion In Wireless Sensor Network", sep-2017, Vol.-6, International Journal of Science, Engineering and Technology Research (IJSETR)
14.	Sankhya N. Nayak, ZebaTarannum, B.S, Smitha N and AnushreeRao, "Classification of Diseases in Grape Plants Using Multiclass support Vector Machines", International Journal of Emerging Research in Management & Technology(IJERMT), Vol. 6, Issue:05, May 2017. ISSN:2278-9359 DOI: 10.23956/ijermt
15.	Benakappa S M and Kiran M, "An Energy-Aware Node Disjoint Multipath Routing Protocol for MANETs with Dynamic Transmission Range Adjustment", 2017 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECOT), pp 335-341, GSSSIETW, Mysore December 2017.978-1-5386-2361-9/17/\$31.00 ©2017 IEEE
16.	Benakappa S M and Sushmitha G M, "E-E-AODV: An Efficient Approach For Energy Conservation in MANETs", Proceedings of the Second International Conference on Inventive Systems and Control (ICISC 2018), pp, 909-916, Pichanur, Coimbatore, Tamil Nadu. 978-1-5386-0807-4/18/\$31.00 ©2018 IEEE
17.	S.J.Prashantha and Poornima K M, "MRI Segmentation, Detection, Classification of Neonatal and Adults Brain tumor: A review", proceedings of the International Conference on Signal & Image Processing-2017 (ICSIP2017), Maharaja Institute of Technology, Mysore, 18 th and 19 th August 2017, pp130-136.
18.	Rashmi Mothkur and Poornima K M, "Machine Learning will Transfigure medical sector: A survey", proceedings of the IEEE International Conference on current trends towards converging technologies, SVS College of Engg, COIMBATORE, Tamilnadu,1-3 March 2018, pp 129-134.

2016-17

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1.	Chetan K R and S Nirmala, "Multiple Content Adaptive Intelligent Watermarking Schemes for the Protection of Blocks of a Document Image", Journal of Digital Forensics, Security and Law Vol. 12: No. 4, Article 3., 2017. DOI:10.15394/jdfsl.2017.1407
2.	Jalesh Kumar and S Nirmala, "Securing Information Contents Of The Image – A Parallel Approach", International Journal of Information Security, ELSEVIER publications, Vol.30, pp. 105-117.October 2016. http://dx.doi.org/10.1016/j.jisa.2016.08.004 , ISSN print: 2214-2126
3.	ShivarajHiremath and R. SanjeevKunte, "Survey on Cloud Data Integrity: Issues and Current Solutions", International Journal of Engineering Research in Computer Science and Engineering, Vol. 3, No. 9, pp. 102-107, Sep. 2016. ISSN: 2394-2320
4.	RashmiMothkur and Poornima K M, "DEEP LEARNING AI: is changing over technology world; What, How, Why?" International Journal of Engineering Research in Computer Science and Engineering (IJERCSE) Vol. 3, Issue 7, pp 56-63, July 2016. ISSN -Online2394-2320
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6.	Vidhathi K N G. R. Manjula, and AjitDanti, "An Efficient and Secure High Capacity Video Steganography Using BCH Codes (15, 11) in DWT Domain", International Journal of Engineering Applied Science and Technology (IJEAST) Vol. 1 Issue 8, pp 229-234, July 2016. ISSN: 2455-2143
7.	Priya K G. R. Manjula, and AjitDanti, "An Innovative Approach For Video Steganography Using Statistical Features In Round-LSB", International Journal of Engineering Applied Science and Technology (IJEAST) Vol. 1 Issue 8, pp 194-199, July 2016. ISSN: 2455-2143
8.	Pallavi B M G. R. Manjula, and AjitDanti, "Wavelet Based Color Video Steganography Using Sequence and Random Technique", International Journal of Engineering Applied Science and Technology (IJEAST) Vol. 1 Issue 8, pp 294-295, July 2016. ISSN: 2455-2143
9.	G. R. Manjula, Hiriyanna G.S, and Niharika M R, "Image Steganography in YUV Color Space", International Journal of Engineering Applied Science and Technology (IJEAST) Vol. 1 Issue 8, pp 92-96, Apr 2017. ISSN: 2455-2143

10.	Suma N Dilliwala and Ganavi M, "A novel technique to secure cloud data using Steganography", International Research Journal of Engineering and Technology (IRJET), Vol. 3, Issue 9, pp 582-586, Sept 2016. e-ISSN: 2395-0056.
11.	Namitha H and Ganavi M, "A secure color image Steganography using discrete wavelet transform", Imperial Journal of Interdisciplinary Research (IJIR), Vol. 2, Issue 9, pp 1298-1301, August 2016. ISSN:2454-1362
12.	Namitha H and Ganavi M, "A Secure Color Image Steganography Using RSA Algorithm", International journal of engineering applied sciences & technology(IJEAST), Vol. 1, issue 10,pp 55-58, Sept 2016. ISSN:2455-2143
13.	Shwetha H R, and Vedananda D E, "Implementation Of Hybrid-RED Algorithm For Effective Congestion Avoidance In MANETS", Journal of Advances in Science and Technology, sept-2016. ISSN:2230-9659
14.	Benakappa S M and Smitha Ram, "A Study on Hybrid Cellular Energy Aware Routing for MANETs", Journal of Network Security Computer, Vol. no 2, Issue No 3, pp 1 -10, August 2016.
15.	Benakappa S M and Subramanya S S, "PL-AOMDV: An Enhanced Energy Efficient Multipath Routing for MANETs", Journal of Computer Science Engineering and Software Testing, Vol. No 2, Issue No 3, pp 1-9, August 2016
16.	Rashmi Mothkur and Poornima K M, "DEEP LEARNING AI: is changing over technology world; What, How, Why?", International Journal of Engineering Research in Computer Science and Engineering(IJERCSE) Vol 3, Issue 7, July 2016