



National Education Society (R.)
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for period 1.7.2019 to 30.6.2022,
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Publications with DOI

2021-22

Sl.No.	Publications
1.	Ganavi M, Prabhudeva S, Sankhya N Nayak, “A Secure Image Encryption and Embedding Approach using MRSA and RC6 with DCT Transformation”, International Journal of Computer Networks and Applications (IJCNA), 9(3), PP: 262-278,2022, DOI: 10.22247/ijcna/2022/212553.
2.	Suman, S., Kumar, J. (2022). Interactive Agricultural Chatbot Based on Deep Learning. In: Hemanth, D.J., Pelusi, D., Vuppalapati, C. (eds) Intelligent Data Communication Technologies and Internet of Things. Lecture Notes on Data Engineering and Communications Technologies, vol 101. Springer, Singapore. https://doi.org/10.1007/978-981-16-7610-9_70
3.	Impana N. R., Dr. Manjula G R., “Voice and Text Based Virtual Personal Assistant for Desktop”, in International Journal of Engineering Applied Sciences and Technology, Vol. 7, Issue 1, pp. 192-196, May 2022. ISSN 2455 – 2143 https://doi.org/10.33564/IJEAST.2022.v07i01.030
4.	Chetan K R, “Efficient Integer DCT based Image Watermarking Schemes in Smart Phones” In International Journal of Computer Applications, Vol. 183, Issue 31, pp 1-8, October 2021. ISSN 0975 – 8887. DOI: https://doi.org/10.5120/ijca2021921696
5.	Chetan K R, “An Intelligent Mirror for Parenting, Supporting Aid and Personal Agent”, In International Journal of Computer Sciences and Engineering (JCSE), Vol. 9, Issue 9, pp 6-15, September 2021. ISSN 2347-2693. DOI: https://doi.org/10.26438/ijcse/v9i9.615
6.	Sudeep Nooly B, Ravindra S, “A Survey on Multidimensional Chaotic Maps and Genetic Operator” , In International Journal for Research in Applied Science and Engineering Technology (IJRASET), Vol. 10, Issue 4, pp 3153-3157, April 2022, ISSN 2321-9653 DOI : https://doi.org/10.22214/ijraset.2022.42003
7.	Prathima P, Ravindra S, “Detecting Real-Time Fall of Elderly People Using Machine Learning” , In International Journal for Research in Applied Science and Engineering Technology (IJRASET), Vol. 9, Issue 12, pp 1913-1918, December 2021, ISSN 2321-9653. DOI: https://doi.org/10.22214/ijraset.2021.39635
8.	Ganavi M, Dr. Prabhudeva S, “A Novel Approach To Enhance Image Security Using Hyperchaos with Elliptic curve cryptography”, In International Journal of Rough Data Sets and Data Analysis, Vol 7. Issue 1, pp 1 - 17 Jan 2021. DOI: 10.4018/IJRSDA.288520
9.	Nuzath Khanum and Vedananda D E, “Institute Enquiry using Chatbot”, In JNNCE Journal of Engineering & Management, Vol. 5, Issue 2, pp. 13 -17, January 2022. ISSN 2582-0079 DOI: https://dx.doi.org/10.37314/jjem.2022.050204

10.	Manohar Nelli V, “A Survey of Different IP Address Lookup Approaches ” in International Journal of Science and Research IJSR, Vol. 10, Issue 10, pp 368-371, October 2021, ISSN No. 2319 -7064. DOI: https://dx.doi.org/10.21275/SR211008105414
11.	Manohar Nelli V, “Automated Medical Palmistry System based on Image Processing Techniques” in International Journal of Science and Research IJSR, Vol. 10, Issue 10, pp 363-367, October 2021, ISSN No. 2319 -7064. DOI: https://dx.doi.org/10.21275/SR211008105815
12.	Manohar Nelli V, “Agriculture Crop Security Using IoT” in International Journal of Advanced Research in Computer and Communication Engineering IJARCCCE, Vol. 10, Issue 9, pp 77-84, September 2021, ISSN No. 2278 -1021. DOI: https://dx.doi.org/10.17148/IJARCCCE.2021.10912
13.	Manohar Nelli V, “Smart Medicine Dispenser For Elderly And Visually Impaired” in International Journal of Advanced Research in Computer and Communication Engineering IJARCCCE, Vol. 10, Issue 9, pp 77-84, September 2021, ISSN No. 2278 -1021. DOI: https://dx.doi.org/10.17148/IJARCCCE.2021.10910
14.	Ayesha Siddiqa and Chakrapani D S, “A Recognition System for Handwritten Digits Using CNN”, In International Journal of Science and Research (IJSR), Vol. 10, Issue 10, pp 214 -218, October 2021, ISSN: 2319-7064 DOI: 10.21275/SR211005113042
15.	Nandish M and Mohan H G, “Detection of Similarity in Cross Version Binaries using Raw Bytes”, In International Journal of Computer Applications Foundation of Computer Science (FCS), NY, USA, Vol. 184, Issue 1, pp 26-29, March 2022, ISSN 0975 – 8887 DOI: 10.5120/ijca2022921963
16.	Mohan H G, Nandish M and Devaraj F V, “Automatic Composition of Machine Learning Models as Web Services across Data Sets”, in International Journal of Computer Sciences and Engineering IJCSE, Vol. 10, Issue 2, pp 7 -10, February 2022 ISSN 2347-2693. DOI: https://doi.org/10.26438/ijcse/v10i2.710
17.	Jalesh Kumar, Chakrapani D S, “Securing the information Contents in Images based on Cellular Automata and Genetic Operations – a Parallel Approach”, in National Workshop on Cryptology 2021 organized by JNN College of Engineering, Shivamogga, Karnataka, pp 40 – 45, 18-21 November 2021.
18.	Benakappa S M and Kiran M., “Mobility Based Energy Aware Multipath Disjoint Routing Protocol for Mobile Ad Hoc Networks (MEAMDRP)”, Accepted for publication in the International Journal -Design Engineering (DE) Issue 7, July 2021.
19.	Benakappa S M and Kiran M., “Energy Aware Stable Multipath Disjoint Routing Based on Accumulated Trust Value in MANETs”, accepted for publication in Int. J. of Computer Networks and Information Security (IJCNIS).
20.	Ganavi M, Prabhudeva S, “Two-Layer Security of Images using Elliptic Curve Cryptography with Discrete Wavelet Transform”, accepted for publication in I. J. Computer Network and Information Security (IJCNIS), MECS press.
21.	Ganavi M, Prabhudeva S, Hemanth Kumar N P, “An Efficient Image Steganography Scheme Using Bit-plane Slicing with Elliptic Curve Cryptography and Wavelet Transform”, accepted for publication in I. J. Computer Network and Information Security (IJCNIS), MECS press.

22.	Akshatha M A and Nirmala Shivanand, “Abstractive Approach of Text Summarization using Deep Learning” accepted in Twelfth International Conference on Advances in Computing, Control, and Telecommunication Technologies - ACT 2021 jointly organised by the IDES and the Association of Computer Electrical Electronics and Communication Engineers (ACEECom) during Aug 27-28, 2021; Hyderabad, India. Publication will be indexed in Scopus. (ACCEPTED SCOPUS BOOK CHAPTER)
23.	Sunil Kumar H R and Poornima K. M., “Severity And Disease Affected Area Measurement In Paddy And Maize Crop Leaves Using Image Processing Techniques “, Article accepted in International Conference on Recent Trends in Science and Technology – ICRTST 2022, organized by ATME College of Engineering, Mysuru during July 14-15, 2022, and Publication in Scopus Indexed Conference Proceedings. (ACCEPTED SCOPUS BOOK CHAPTER)
24.	Bhoomika S S and Poornima K. M., ”Plant Leaf Disease Detection and Classification using Deep learning Technique” Accepted in INDIA-2022 conference to be organized by BVRIT-H College of Engineering for Women, Hyderabad, Telangana, India, during 25-26 February 2022 and publication in Springer- Lecture Notes in Networks and Systems (LNNS) Series. (ACCEPTED SCOPUS BOOK CHAPTER)
25.	Sayyed Johar and Manjula G R., "Survey of various machine learning techniques for analyzing IoMT based Remote Patient Monitoring System" ACCEPTED in International Conference on Advances in Data Science and Computing Technologies (ADSC-2022) to be held at Kazi Nazrul University, Asansol, West Bengal, India 713340 during 23rd – 24th June 2022. and publication in Springer LNEE Proceedings. (Accepted SCOPUS BOOK CHAPTER)
26.	Madhu Manjunath N M and Ravindra S., “A Dialogflow-Based Chatbot for Karnataka Tourism” Accepted in Cognitive Science & Technology, ICCIC 2021 Vol. 2, Amit Kumar et al: Proceedings of The International Conference on Cognitive and Intelligent Computing, and publication in Springer Singapore 2022. 978-981-19-2349-4, 520851_1_En (49) (Accepted SCOPUS BOOK CHAPTER)



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Faculty Publications with DOI

2020-21

Sl.No.	Publications
1.	Ganavi M, Dr. Prabhudeva S, “An Approach To Enhance Image Security Using Modified RSA and DCT Transformations”, In 2nd International Conference on Emerging Trends in Science, Engineering and Management – 2021, GMIT, Davangere, pp. 1-10, July 15-16, 2021
2.	Dr. Poornima K M, “A Novel Computer Aided Diagnosis System For Lung Tumor Based On Support Vector Machine”, In 2nd International conference on Image Processing and Capsule Network (ICIPCN 2021), Bangkok, Thailand, pp. 1-16, May 27-28, 2021.
3.	Namitha M V, Dr. Manjula G R, “A Survey on Audio Stream Steganography Techniques”, In International Conference on Smart Data Intelligence (ICSMDI-2021), Kongunadu College of Engineering and Technology, Trichy, India, pp. 20-32, April 29-30, 2021
4.	Sushma R B, Dr. Manjula G R, “Video Steganography: A Survey of techniques and Methodologies”, In International Conference on Smart Data Intelligence (ICSMDI-2021), Kongunadu College of Engineering and Technology, Trichy, India, pp. 44-54, April 29-30, 2021
5.	Varshitha K S, Nirmala Shivanand, “Android Mobile Based Voting System through Facial Recognition”, In JNNCE Journal of Engineering & Management, Vol. 4, Issue 2, July-December 2020, ISSN 2582-0079
6.	Sandeep B, “Blue-Book Marks Recognition System”, In JNNCE Journal of Engineering & Management, Vol. 4, Issue 2, July-Dec 2020, ISSN 2582-0079
7.	S Sathyanarayana, “Maximizing Network Lifetime Using Routing Algorithm For Wireless Sensor Network”, In International Journal of Latest Trends in Engineering and Technology, Vol. 14, Issue 1, pp. 041-047, Nov 2020, DOI: http://dx.doi.org/10.21172/1.141.08
8.	Krupa C, Madhura Bhat, Meghana V, Sushma S, Mrs. Sankhya N Nayak, “A Survey On Hand Gestures Recognition System For Stroke Patients Using Support Vector Machines”, In International Research Journal of Modernization in Engineering Technology and Science, Vol. 2, Issue 10, pp. 247-252, Oct 2020
9.	Bhanu Prakash K Y, Mrs. Sankhya N Nayak, “A Review On Road Pothole Detection Mechanisms”, In International Research Journal of Modernization in Engineering Technology and Science, Vol. 2, Issue 9, pp. 1361-1405, Sep 2020

10.	Bhanu Prakash K Y, Mrs. Sankhya N Nayak, "Road Pothole Detection Using Yolov2 Model", In International Research Journal of Modernization in Engineering Technology and Science, Vol. 2, Issue 8, pp. 1401-1405, Aug 2020
11.	Shaziya Banu S, Ravindra S, "Detection of Diabetic Retinopathy by Retinal Screening using Image Processing Techniques", In International Journal of Scientific Research in Computer Science, Engineering and Information Technology, Vol. 6, Issue 4, pp. 447-457, Aug 2020. doi : https://doi.org/10.32628/CSEIT206483
12.	Sushma R B, Dr. Manjula G R, "Hiding of Text Tunes in Video", In International Journal of Emerging Technology and Advanced Engineering, Vol. 10, Issue 8, pp. 32-40, Aug 2020, ISSN 2250-2459
13.	Madhusudhan S, Ganavi M, "IDENTIFYING HUMANS BASED ON EYE PATTERN", In International Research Journal of Modernization in Engineering Technology and Science, Vol. 2, Issue 8, pp. 1267-1274, Aug 2020
14.	Namitha M V, Dr. Manjula G R, "Audio Steganography Using Live Audio Stream As Cover With Dynamic Key Generation", In International Journal of Engineering Applied Sciences and Technology, Vol. 5, Issue 4, pp. 431-436, ISSN No. 2455-2143, August 2020
15.	Afshan Mohammadi and Dr. Jalesh Kumar, "Visual Cryptography using Half-toned Colored Images", In International Research Journal of Engineering and Technology, Vol. 7, Issue 8, pp. 2039-2042, August 2020
16.	Manjula B, Hiriyantha G S, "Security and Copyright Protection Technique for Digital Image" In International Journal of Engineering Applied Sciences and Technology, Vol. 5, Issue 4, pp. 216-221, ISSN No. 2455-2143, August 2020
17.	Krupa C, Madhura Bhat, Meghana V, Sushma S, Mrs. Sankhya N Nayak, "A Survey On Hand Gestures Detection and Recognition System For Stroke Patients Using Artificial Neural Networks", In International Research Journal of Modernization in Engineering Technology and Science, Vol. 2, Issue 10, pp. 334-338, Oct 2020



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Publications with DOI

2019-20

Sl.No.	Publications
1.	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. DOI:10.1016/j.jisa.2019.03.006
2.	Prashantha, S.J., Poornima, K.M. (2019). Automatic Pattern Discovery of Neonatal Brain Tumor Segmentation and Abnormalities in MRI Sequence. In: Sridhar, V., Padma, M., Rao, K. (eds) Emerging Research in Electronics, Computer Science and Technology. Lecture Notes in Electrical Engineering, vol 545. Springer, Singapore. DOI : 10.1007/978-981-13-5802-9_10
3.	Fariha Aiman, G. R. Manjula, “Video Steganography using Convolutional Neural Network and Temporal Residual Method”, In International Journal of Computer Applications (0975 – 8887), Vol. 178, Issue 46, pp. 24-29, Sep 2019
4.	Sankhya N Nayak, Nandish M, Chakrapani D S, Mohan HG, “Information Security With Scan Patterns And Chaotic Cryptography”, In International Journal of Engineering Applied Sciences and Technology, Vol. 4, Issue 3, pp. 502-506, ISSN No. 2455-2143, July 2019
5.	Sreedevi S, Thaseen Bhashith, Pushpa R N, “Detection and classification of plant leaf diseases using Image Processing”, In International Journal of Latest Transactions in Engineering And Science (IJLTES), Vol. 7, Issue 2, pp. 28-31, ISSN: 2321-0605, July 2019
6.	Thaseen Bhashith, Pushpa R N, Sreedevi S, “Automated Fare Calculation in Metro Train Using Face Detection And Recognition”, In International Journal of Latest Trends in Engineering and Technology, Vol. 14, Issue 1, pp. 48-52, July 2019, DOI: http://dx.doi.org/10.21172/1.141.09
7.	Pushpa R.N, Sreedevi S, Thaseen Bhashith, “Heart Disease Prediction Using Machine Learning”, In International Journal of Latest Transactions in Engineering and Science (IJLTES), Vol. 7, Issue 2, pp. 23-27, ISSN: 2321-0605, July 2019
8.	Thaseen Bhashith, Pushpa R N, Sreedevi S, “Minutiae Extraction System from Fingerprint”, In International Journal of Latest Transactions in Engineering and Science (IJLTES), Vol. 7, Issue 2, pp. 32-39, ISSN: 2321-0605, July 2019
9.	Pooja.V, Ganavi. M, Sowmya. D, Hiriyanna.G.S, “A Color Image Steganography Using 7th Bit Pixel Indicator & Galois Fieldarithmetic”, In International Journal of Engineering Applied Sciences and Technology, Vol. 4, Issue 3, pp. 353-358, ISSN No. 2455-2143, July 2019
10.	Sowmya D, Sayyed Johar, Ganavi M, Sankhya N Nayak, “Analyzing Wine Types And Quality Using Machine Learning Techniques”, In International Journal of Engineering Applied Sciences and Technology, Vol. 4, Issue 3, pp. 519-529, ISSN No. 2455-2143, July 2019
11.	Hiriyanna G S, Sayyed Johar, Kavya D N, “An Image Steganography Method Using Canny Edge Detection For Hiding Data In Image Using HSI Color Space”, In International Journal of Engineering Applied Sciences and Technology, Vol. 4, Issue 3, pp. 109-113, ISSN No. 2455-2143, July 2019

12.	Ayesha Siddiqa, Sayyed Johar, “Handling Fire Hazards by Fire Detection System Using IoT”, In Iconic Research And Engineering Journals, Vol. 3, Issue 2, pp. 513-523 , ISSN: 2456-8880, Aug 2019
13.	Pushpa R N, “Novel Review on Various Resolutions of Satellite Images”, In International Journal For Research in Applied Science And Engineering Technology, Vol. 7, Issue 3, pp. 152-153, Mar 2019.
14.	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.
15.	Narendra Kumar S., Varsha P M, “Survey Based on Image Segmentation” In International Journal for Research in Applied Science and Engineering Technology (IJRASET), Vol. 7, Issue 12, pp 168-175, December 2019, ISSN 2321-9653. DOI : 10.22214/ijraset.2019.12026
16.	Narendra Kumar S, Sagar N. P , Mohammed Waseem, Nishanth S, “Embedding and Extraction of Image Watermarking Based on the Discrete Wavelet Transform and Alpha Blending using RSA” In International Journal for Research in Applied Science and Engineering Technology (IJRASET), Vol. 7, Issue 12, pp 168-175, December 2019, ISSN 2321-9653. DOI : 10.22214/ijraset.2019.12027
17.	Narendra Kumar S, Mohammed Waseem, “Embedding and Extraction of Image Watermarking using Alpha Blending Technique based on Discrete Wavelet Transform”, In International Journal of Engineering and Computer Science, Vol, 8, Issue 8, pp 24690 – 24796, August 2019, ISSN: 2319-7242 DOI: 10.18535/ijecs/v8i07.4348
18.	Narendra Kumar S., Varsha P M “Image Segmentation Based on Thresholding, Cluster Based and RoI Method” In International Journal of Engineering and Computer Science, Vol, 8, Issue 8, pp 24697 – 24804, August 2019, ISSN: 2319-7242 DOI: 10.18535/ijecs/v8i07.4349
19.	Sandeep B, Jahnvi K S “Rainfall Prediction using Machine Learning Techniques and an analysis of the outcomes of these Techniques”, In International Journal of Engineering Applied Sciences and Technology IJEAST, Vol. 4, Issue 9, July-Dec 2020, pp. 365-371, January 2020, ISSN 2455-2143 DOI:10.33564/IJEAST.2020.v04i09.047
20.	Sayyed Johar, Manjunatha H N , “A Survey On Techniques To Detect Ddos Attacks On Cloud Network”, In AIT National Conference, AIT, pp. 14-24, Nov 10-12, 2019.
21.	Sushma R B, Manjula G R, Hiriyantha G S, Namitha M V and Sayyed Johar, “DNA Based Steganography using 2-3-3 Technique”, IEEE International Conference on Data Science and Communication, 2019. pp 94-99, 01 - 02 March, 2019 CHRIST (Deemed to be University), Bangalore, (INDIA) 978-1-5386-9319-3/19/\$31.00 ©2019 10.1109/IconDSC.2019.8816945