



National Education Society (R.)
J. N. N College of Engineering, Shivamogga
(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC – ‘A’,
All 7 UG Programs have been Accredited By National Board Of Accreditation (NBA)
for period 1.7.2022 to 30.6.2025,
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



Department of Computer Science and Engineering

Academic Year: 2023-24 (CAYm1:01 July 2023 – 30 June 2024)

Peer Reviewed Journals

S.N.	Publications
1.	<p>Narendra Kumar S, Shrinivasa Naik C. L., Kiran Ankalakoti, John P Veigas, “Classification and Identification of Ancient Indian Temple Pillars Era Using Deep Learning”, International Journal of Intelligent Systems and Applications in Engineering (IJISAE) IJISAE, vol. 12, no. 4, pp. 5436–5446, Jun. 2024.</p> <p>DOI : https://www.ijisae.org/index.php/IJISAE/article/view/7395</p> <p>Publisher Name : ELSEVIER (IJISAE ISSN: 2147-6799)</p> <p>Published Date : June 2024</p>
2	<p>Narendra Kumar S, Gurudeva Shastri Hiremath, Shrinivasa Naik C. L., “An Optimized Model for the Segmentation of the Ancient Temple Vimanas using FCN Network”, International Journal of Intelligent Systems and Applications in Engineering (IJISAE) IJISAE, vol. 12, no. 19s, pp. 568–576, Mar. 2024.</p> <p>DOI : https://ijisae.org/index.php/IJISAE/article/view/5100</p> <p>Publisher Name : ELSEVIER (IJISAE ISSN: 2147-6799)</p> <p>Published Date : March 2024</p>
3	<p>Mohan H G., Nandish M., Sankhya N Nayak., Devaraj F V., and Benak Patel M P., “Investigating the effects of software tool based learning model for minimizing the given boolean expression in computer science/digital electronics. Educ Inf Technol 29, 13787–13811 (2024). Springer Nature</p> <p>DOI : https://doi.org/10.1007/s10639-023-12400-5</p> <p>Publisher Name : Springer Singapore</p> <p>Published Date : December 2023</p>
4	<p>Narendra. Kumar . S., G. S. . Hiremath, S. N. and. Shrinivasa Naik C. L.,, “Ancient Temple Pillar Segmentation Using a Fully Convolutional Neural Network Model ”, Int J Intell Syst Appl Eng, vol. 11, no. 3, pp. 1095–1105, Jul. 2023.</p> <p>DOI : https://www.ijisae.org/index.php/IJISAE/article/view/3369</p> <p>Publisher Name : ELSEVIER (IJISAE ISSN: 2147-6799)</p> <p>Published Date : July 2023</p>



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Peer Reviewed Conference Papers

S.N.	Publications
1.	<p>Jalesh Kumar and A. Amjed, "Design of Hybrid Model Based on Chaotic Map to Secure the Images," 2023 <i>International Conference on Recent Advances in Information Technology for Sustainable Development (ICRAIS)</i>, Manipal, India, 2023, pp. 65-70, DOI : https://doi.org/10.1109/ICRAIS59684.2023.10367054 Publisher Name : IEEE Xplore Published Date : November 2023</p>

Book Chapter Published

S.N.	Publications
1.	<p>Poornima K. M., Sunil Kumar, H. R., (2024). A Comparative Analysis on Various Modified Deep Convolution Neural Networks on Maize Plant Leaf Disease Classification. In: Shrivastava, V., Bansal, J.C., Panigrahi, B.K. (eds) <i>Power Engineering and Intelligent Systems. PEIS 2023. Lecture Notes in Electrical Engineering</i>, vol 1098. Springer, Singapore. DOI : https://doi.org/10.1007/978-981-99-7383-5_3 Publisher Name : Springer Singapore Published Date : January 2024</p>



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Academic Year: 2022-23 (CAYm2:01 July 2022 – 30 June 2023)

Peer Reviewed Journals

S.N.	Publications
1.	<p>Ganavi M., and Prabhudeva S., Two layer security of images using Elliptic Curve Cryptography with Discrete Wavelet Transform, International Journal of Computer Networks and information security, Vol 15, No 2, pp 31-47, 2023 MECS, (http://www.mecs-press.org/)</p> <p>DOI : https://doi.org/10.5815/ijcnis.2023.02.03</p> <p>Publisher Name : Modern Education and Computer Science Press</p> <p>Published Date : April 2023</p>
2	<p>Poornima K M, and Sunil Kumar H R., “Severity and Disease Affected Area Measurement in Paddy and Maize Crop Leaves using Image Processing Techniques”, Grenze International Journal of Engineering and Technology, Jan Issue Grenze Scientific Society pp.975-985, Jan 2023.</p> <p>DOI : http://www.scopus.com/inward/record.url?eid=2-s2.0-85174412732&partnerID=MN8TOARS</p> <p>Publisher Name : Grenze International Journal of Engineering and Technology 2395-5295(Online); 2395-5287(Print) https://thegrenze.com/index.php?display=page&view=journalabstract&absid=1454&id=8</p> <p>Published Date : Jan 2023</p>
3	<p>Ganavi M., Prabhudeva S., and Hemanth Kumar N.P “An Efficient Image Steganography Scheme Using Bit-plane Slicing with Elliptic Curve Cryptography and Wavelet Transform”, International Journal of Computer Networks and information security, Vol 14, No 4, pp 43-59, 2022 MECS, (http://www.mecs-press.org/)</p> <p>DOI : https://doi.org/10.5815/ijcnis.2022.04.04</p> <p>Publisher Name : Modern Education and Computer Science Press</p> <p>Published Date : August 2022</p>
4	<p>Benakappa S. M., and Kiran M., “Energy Aware Stable Multipath Disjoint Routing Based on Accumulated Trust Value in MANETs”, International Journal - Computer Network and Information Security, Vol 14, No 4, pp 14-26, 2022. (MECS http://www.mecs-press.org/)</p> <p>DOI : https://doi.org/10.5815/ijcnis.2022.04.02</p> <p>Publisher Name : Modern Education and Computer Science Press</p> <p>Published Date : August 2022</p>



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Book Chapter Published

S.N.	Publications
1.	<p>Ravindra, S., Madhu Manjunath, N. M. (2022). A Dialogflow-Based Chatbot for Karnataka Tourism. In: Kumar, A., Ghinea, G., Merugu, S., Hashimoto, T. (eds) Proceedings of the International Conference on Cognitive and Intelligent Computing. Cognitive Science and Technology. Springer, Singapore.</p> <p>DOI : https://doi.org/10.1007/978-981-19-2350-0_49</p> <p>Publisher Name : Springer, Singapore</p> <p>Published Date : November 2022</p>
2	<p>Poornima K. M., Bhoomika, S. S. (2023). Plant Leaf Disease Detection and Classification Using Deep Learning Technique. In: Bhateja, V., Sunitha, K.V.N., Chen, YW., Zhang, YD. (eds) Intelligent System Design. Lecture Notes in Networks and Systems, vol 494. Springer, Singapore.</p> <p>DOI : https://doi.org/10.1007/978-981-19-4863-3_7</p> <p>Publisher Name : Springer, Singapore</p> <p>Published Date : October 2022</p>



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Department of Computer Science and Engineering

Academic Year: 2021-22 (CAYm3:01 July 2021 – 30 June 2022)

Peer Reviewed Journals

S.N.	Publications
1.	<p>Ganavi M., Sankhya N. Nayak., and Prabhudeva S., “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 : https://doi.org/10.22247/ijcna/2022/212553 Publisher Name : EverScience Publications (ISSN: 2395-0455) Published Date : May-June 2022</p>

Book Chapter Published

S.N.	Publications
1.	<p>Jalesh Kumar., Suman, S. (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. DOI : https://doi.org/10.1007/978-981-16-7610-9_70 Publisher Name : Springer, Singapore Published Date : February 2022</p>