

Dr. Vinay Hegde

List of International Journals publications:

1. Vinay Hegde, shruthi Kori , “A review on the traditional DICOM C-Store and Http based request mechanisms”, International journal of innovative technology and research, ISSN: 2320-5547, Vol.3,Issue No.3, pp. 2083-2085, May 2015.
2. Vinay Hegde, Mohammed Mujeer Ulla , “Authorized public auditing on Cloud Data”, Proceedings of the international conference on “Computational Systems for Health and Sustainability” innovative technology and research 17th and 18th april at R.V.College of Engineering, Bangalore , ISSN:2320-5547, Vol.4 pp. 143-147, April 2015.
3. Rakesh G.V , Shanta Rangaswamy, Vinay Hegde, Shoba G published a paper on "A Survey of Techniques to Defend Against Sybil Attacks in Social Networks" International Journal of Advanced Research in Computer and Communication Engineering(IJARCCE4J) ISSN (Online) : 2278-1021,Vol. 3, Issue 5, PP 6577-6580 May 2014.
4. Vinay Hegde,Kalpna P ,” An Efficient Energy renewal approach in wireless power transmission” International Journal of Engineering Research and Technology(IJERT) ISSN:2278-0181,Vol. 2 Pp-281-285.
5. Vinay Hegde,Arun Kumar D R, Venkataravana Nayak K, Raghavendra Shivaraju Nayak K, Raghavendra Shivaraju, “ Design and Development of Haptics Solutions for Touch Sensitive Mobile Devices” International Journal of Scientific and Engineering Research ,ISSN 2229-5518,Volume 4,Issue 9,September 2013,Pp 1529-1532.
6. Vinay Hegde ,Manjunath A.E, Prapulla S B , N.K Srinath , "An Interactive Tool for Knowledge Representation and Sharing on Android Operating System , International Journal of Advanced research in Computer and Communication Engineering ,Vol 2 , Issue 1 ,Jan 2013 ,Pp 938 – 944.
7. Vinay Hegde ,Dr.T.M.Rangaswamy "Efficient word sense Disambiguation with context based searching" IJAET, E-ISSN 0976-3945,Vol ii Issues I 2011 Jan 2011,Pp 43-46.
8. Vinay Hegde, Jeevan H E, Prashanth PP, Punith Kumar S N , " Web pages Clustering: A New Approach" International Journal of Innovative Technology and Creative Engineering (IJITCE, ISSN :2045- 8711) Volume 1,Number 4, APRIL 2011,PP. 42-44
- 9.Vinay Hegde, Sundar kumar, “A survey on Big Data Challenges and Solutions using Real Time Streaming Protocol”, International journal of Innovative Research in Computer and Communication Engineering(IJIRCCE), Vol-4, Issue 11, Pages 19221-19224,ISSN(print):2320-9798, November 2016.
10. Anjan K, Nagaraja G S, Vinay V Hegde, A study on e-waste recycle management in unregulated conditions, 7th International Congress of Environmental Research, pp.638-647, Dec 2014.
- 11.Keerthi Prasad G,Vinay Hegde. **“Deep Learning based Convolutional Neural Network for Handwriting Recognition”** International *Journal* of Engineering and Technology(UAE) ISSN: 2227-524X Publication,2018.

12. **Vinay V. Hegde G. S. Nagaraja Anjan K. KoundinyaG. Thippeswamy** “ Spatial Data Infrastructures for Urban Governance Using High-Performance Computing for Smart City Applications” proceedings of Smart Intelligent Computing and Applications – 2020 International Conference on Smart Computing and Informatics, October 2019, Volume 2,pp 585-592.

13. Vinay Hegde,Anjan K et.al., Exploration of covert schemes and their embodiments in Hybrid Covert channel, International Journal of Advances in Computer Networks and Security (IJCNS), Vol. 5, Issue 2, ISSN- 2250 – 3757, Oct 2015, pp.50-54.
14. Vinay Hegde,Anjan K et.al “VoIP Smart Speech Encoding Mechanism Using High-Performance Computing” proceedings of Smart Intelligent Computing and Applications – 2020 International Conference on Smart Computing and Informatics, October 2019, Volume 2, pp 577-583.
15. Vinay Hegde, Keerthi Prasad G “Recognition of Online Handwritten Isolated Kannada Characters using PCA and DTW “International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277- 3878, Volume-8 Issue-4, November 2019
16. Vinay V Hegde, Nandan Singh Gadwal2 “ A Review on Cloud Computing and K-means++ Clustering Algorithm with Map Reduce” International Journal of Research in Engineering, Science and Management ISSN (Online): 2581-5792 ,Volume-2, Issue-5, May-2019 pp-556.
17. Vinay Hegde , Avinash G M “A Survey on Novel Integration approach for Monitoring of Primary Nutrients using Wireless Sensor Network Technology” International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume 07 Issue: 06 | June 2020
- 18.Vinay V Hegde , Anmol Bhat “ Image Validation and Forgery Detection” International Research Journal of Engineering and Technology (IRJET) , e-ISSN: 2395-0056, Volume: 07 Issue: 05 | May 2020 Pp 3308.
- 19.Vinay Hegde, SikandarKhan1, KavyaNR2, MamathaT3, “ Developer tool Box” International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 04 | Apr 2020
20. Vinay Hegde, Zishen Thajudheen, Amit N Subrahmanya, Aditya Singh, Akshit Jhamb, “ Text generation using recurrent Neural networks” *International Journal of Research and Scientific Innovation (IJRSI)*, Volume VI, Issue V, May 2019 | ISSN 2321–2705. (Scopus Indexed)
21. Vinay Hegde, Shreasha Bhat “ overview of dependency injection design pattern “ *International Journal of Scientific Research and Engineering Development*, Volume x issue x ISSN : 2581-7175 pp 1-4. (open Access)
22. Vinay Hegde, Sanket Salankimatt1, Hemanth Rao KN2, Shalu Kumari3, Raghavendra4, “ Twin Facial Identification and Differentiation using the Viola-Jones method, PCA and ANN “ *International Journal of Creative Research Thoughts (IJCRT)* © 20XX IJCRT | Volume X, Issue X Month Year | ISSN: 2320-2882, International open Access peer reviewed journal , pp 170- 174.
23. Vinay Hegde, Amisha ‘A Brief Introduction on Automated Regression Detection Framework’ *IJSRED* , ISSN : 2581-7175, 2020, pp 1-6, open access Journal
24. Vinay Hegde, Ayush Agarwal1, Prableen Singh2 ,Rohan Shetty3, Aditya Raj4, Mohit Singh5,Pavithra H6 “Detection of Anomalous TCP/IP Network Requests using Autoencoders” *International Journal of Scientific Research and Engineering Development*— Volume 4 Issue 3,May-June 2021 pp 1-7.
25. Vinay Hegde, Pranav B M , “ Volatility Forecasting Techniques using Neural Networks: A Review, *International Journal of Engineering Research & Technology (IJERT)*, ISSN: 2278-0181, Vol. 10 Issue 06, June-2021, PP 748-752.

26. Vinay Hegde, Chaitali Siddaram Patil “ Machine Learning Based Estimation of Energy Optimization of Residential Buildings” , *GIS SCIENCE JOURNAL*, VOLUME 8, ISSUE 6, 2021 pp 886-892.
- 27.** Vinay Hegde, Annapurna Ramesh “Auto Code Generation for ML Deployment” *International Journal of Engineering Research & Technology (IJERT)*, ISSN: 2278-0181, Vol. 9 Issue 05, May-2020 pp 892-896.
28. Vinay Hegde, Shridhar KV M “A Review on Soft Handover Schemes in LTE Cellular Networks” *International Journal of Engineering Research & Technology (IJERT)*, ISSN: 2278-0181, Vol. 6 Issue 06, June – 2017, pp 634-638.
29. Vinay Hegde, vinutha Hutgikar “ Analysis of Front-end Frameworks for Web Applications” *International Research Journal of Engineering and Technology (IRJET)* e-ISSN: 2395-0056, Volume: 07 Issue: 04 | Apr 2020, pp 3317 -3320.

List of International Conference publications

1. Vinay Hegde, Seemanthini K, “ Human Object extraction in Videos Using Motion Saliency”, IEEE International Conference on Advances in Computer Communication Engineering (ACCE-2014), 21st and 22nd August Vemana Institute of Technology, Bangalore, pp.211-218, 2014.
2. Nagaraja G.S, Anjan K, Vinay V. Hegde, “ A study on E-waste recycling management in unregulated conditions”, 7th International congress of environmental research(ICER-14), Vol.7,pp.638-646, RVCE, Bangalore,26-28th December 2014.
3. Vinay Hegde, Bhavana V, N.Usha presented a paper on "Various Techniques in deployment of application in cloud –public Cloud" at International conference on Communication and Computing(ICC 2014), organized by the IEEE -ELSEVIER, Society of Information processing, Bangalore held on 12th to 14th June 2014 , Bangalore, India.
4. Vinay Hegde, Manju P “ Cloud computing : stateless application architecture” at 7th International congress of environmental research(ICER-14), Vol.7,pp.738-742, RVCE, Bangalore,26-28th December 2014.
5. Vinay Hegde, Manjunath A.E, Prafulla SB, N.K.Srinath Presented paper “ Design and Development of Efficient information retrieval using crawling, Indexing, Ranking” Third international conference on Computational Intelligence and Information Technology- CIIT 2013, during 18-19th October 2013 held in Mumbai India, Elsevier Track or IDEAS Track , PP-247-252.
6. Vinay Hegde ,Dr.T.M.Rangaswamy "Putting Corpus into dictionary(wsd Approach)" International Conference on Computer Applications, ICCA 2010 24th -27 Dec , Pondicherry, India.
7. Vinay Hegde, Dr. T.M.Rangaswamy, " Word Sense Disambiguation- a new approach " International Conference on Emerging Trends in Computer Science ,Communication and Information Technology" CSCIT2010, held during 9 to 11 jan 2010 in Nandel, Maharashtra.
8. Keerthi Prasad G, Vinay Hegde, Asha K and Krishnappa H K. “Handwriting recognition system for South Indian languages – A Technical review”, In Proc. CSITSS-17, RVCE, Bangalore, India, Dec.21-23. 2017.

9. Vinay Hegde , Keerthi Prasad G, Imran Khan, Naveen R Chanukotimath, Firoz Khan and Deepak “Online Hindi Handwritten Character Recognition for Mobile Devices”, In IJACS, July 2014, pp. 343-349. Volume-4.
10. Vinay Hegde, Feroz Khan, Keerthi Prasad G, Imran Khan, Deepak D J and Nasreen Taj M B. “Dvadasham (Dodeca) Edge Filter for Impulse Noise, Gaussian Noise, Quantum Noise Reduction in Images”, In COMPUSOFT, *an International Journal of advanced Computer Technology*, July 2013, pp. 204-209. (Volume-II, Issue-VII) ISSN:2320-0790.
11. Vinay Hegde, Pooja Alva, “ Hidden Markov model for POS tagging in Word Sense Disambiguation”IEEE International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS 2016),Bangalore, PP.279-284 October 6-8,2016. PP.279-284
12. Pritam Gajkumar Shah, [Tabassum Ara](#), [Javeria Ambareen](#), [Xu Huang](#), [Vinay V. Hegde](#)’Prevention of Simple Power Analysis Attacks in Elliptical Curve Cryptography on WSN Platform”. IEEE Japan, Kobe, [ICETET 2015](#): 51-55
13. Vinay V Hegde ,Nagaraja G.S, Anjan K Koundinya, Thippeswamy G, " Spatial Data Infrastructures for Urban Governance using High Performance Computing for Smart City Applications ", Third International Conference on Smart Computing and Informatics, Kalinga Institute of Industrial Technology (KIIT),Bhubaneswar-24, Odisha, 21-22, Dec -2018- Springer.
14. Vinay V Hegde ,Nagaraja G.S, Anjan K Koundinya, Thippeswamy G, Mahesh G, " VoIP Smart speech encoding mechanism using high performance computing", Third International Conference on Smart Computing and Informatics, Kalinga Institute of Industrial Technology (KIIT),Bhubaneswar-24, Odisha, 21-22, Dec -2018- Springer.
15. Keerthi Prasad G, Vinay Hegde, Asha K and Krishnappa H K. “Handwriting recognition system for South Indian languages – A Technical review”, In *Proc. CSITTS-17*, RVCE, Bangalore, India, Dec.21-23. (published in IEEE Digital Explorer in the year 2018)
16. Sanjay B N , Rakshith D C, Vinay Hegde, Akash R B “An Approach to Detect Fileless Malware and Defend its Evasive Mechanisms”, Paper id 529, ISBN 978-15386-6078-2(PRINT) In *Proc. CSITTS-18* , RVCE, Bangalore, India, Dec.21-23.
17. Vinay Hegde, Anjan K, Srinath N K et.al., Exploration of covert schemes and their embodiments in Hybrid Covert channel, Proc. of The Second Intl. Conf. On Advances In Computing, Control And Networking - ACCN 2015, Aug 28-29, 2015, Bangkok, Thailand. , ISBN: 978-1-63248-073-6 doi: 10.15224/ 978-1-63248-073-6-17.
18. Vinay Hegde ,P. G. Shah, T. Ara, J. Ambareen, X. Huang , "Prevention of Simple Power Analysis Attacks in Elliptical Curve Cryptography on WSN Platform,"*2015 7th International Conference on Emerging Trends in Engineering & Technology (ICETET)*, Kobe,Japan,Nov2015,pp.51-55. DOI: 10.1109/ICETET.2015.28
19. Vinay V Hegde , AnjanK, Srinath N K, Jibi Abraham “Exploration of covert schemes and their embodiments in Hybrid Covert channel -Deep Insight into Covert Channel” Proc. of The Second Intl. Conf. On Advances In Computing, Control And Networking - ACCN 2015 Copyright © Institute of Research Engineers and Doctors, USA .All rights reserved. ISBN: 978-1-63248-073-6 doi: 10.15224/ 978-1-63248-073-6-17
20. Vinay Hegde, vihaan nama, satish babu “ Sentiment Analysis of Movie Review: A comparative study between Naïve bayes classifier and Rule based approach” , *International Conference on Innovative Trends In Information Technology (ICITIIT-21)*, which is held virtually on 11-12

February 2021, organized by IITKottayam, Kerala, India, (IEEE Conference Record No: 51526)
scopus indexed , published in IEEE Explorer.