Faculty Information

Sl.No	Information	
1.	Name: Contact Address: Phone Number: Land Line Number:(Optional) FAX number(Optional) Email Address:	Dr.Chandrika.J Department of CS&E,MCE, Hassan 08172-245020 jc@mcehassan.ac.in
2.	Qualification	BE(CS&E),M.Tech, Ph.D
3.	Date of Join	5-5-1997
4.	Position Held	Professor, CS&E
5.	Research Interest	Data Mining, Big Data Analytics, Machine Learning
6.	Publications	
	Journal Publications	

1. Sunitha R, Chandrika.J, "Malevolent node detection bsed on network parameters mining in wireless sensor networks", International journal of digital crime & forensics(IJDCF), VOL 13, issue 6, July 2021
2. Chandrika.J,Pooja K P, Megha D, Roja, Syeda Shafain "A novel machine learning based hybrid model for webshell detection", International journal for research in applied science & Engineering technology, IJRASET, Vol 9, issue 6, June 2021, DOI:10.22214, June 2021
3. Chandrika.J, Lavanya, Iral Dsouza Deep learning based assistive device for visually challenged, International journal of advanced research in computer and communication engineering,Vol 10, Issue 5, May 2021, DOI : 10.17148/IJARCCE.2021.10543, May 2021
4. Raghavendra K, Ramesh B and Chandrika J, Secure, efficient and certificateless authentication scheme for wired and wireless networks, International journal of electrical engineering & technology (ijeet), ISSN Print: 0976-6545 ISSN Online: 0976-6553, Volume 12, Issue 2, Feb 2021
5. Vinutha M.R, Dr. Chandrika.J , Prediction of Liver Disease using Regression Tree, International Journal of Online and Biomedical Engineering, iJOE vol.17, No.2,2021, Feb 2021
6. Sunitha R, Chandrika J Evolutionary Computing Assisted Wireless Sensor Network Mining for QoS-Centric and Energy-Efficient Routing Protocol, International Journal of Engineering, ISSN : 1735-9244, March 2020
7. Sunitha R, Chandrika J,"FBMBS (Fuzzy Based Mobile Base Station) Clustering Technique for Energy efficient Data Transmission in Wireless Sensor Network", vol 711, Springer, Singapore, DOI https://doi.org/10.1007/978-981-10-8055-5_36, Online ISBN 978-981-10-8055-5, pp 401-409, July 2018
8. Pooja N S , Shubha N , Surabhi K H , Thejasvi G K, Dr. J. Chandrika, "Hash Based Technique for Detecting Suspicious Accounts in Money Laundering using Data Mining ", IJIACS, Vol 7 Issue 3 March 2018,ISSN 2347-8616, March 2018
9. Dr.Chandrika.J,Hajira Fathima,Kavyashree,"IOT based digitlized certificate generation for emission test – A step towards smart city ", IJIACS, Vol 7 Issue 3 March 2018,ISSN 2347-8616, March 2018
10. Neelambike S, Chandrika.J "An Efficient Environmental Channel Modelling in 802.11p MAC Protocol for V2I, IJEECS, Vol 7, No.2, August 2017, pp 404-414, August 2017

11. Prarthana Adiga, Samvida, Sanjana, Lavanya B S, Chandrika.J, "Credit card fraud detection- A hybrid approach using genetic and Apriori algorithm", IJRSE, Vol 8, Issue 4, pp 16308-16313, April 2017.
12. Vinutha M.R, Dr. Chandrika.J "Application of Data Mining and Soft Computing Techniques for Intelligent Medical Data Analysis", IJTRD ,Volume 3(6), ISSN:2394-9333 , , Dec 2016
13. Chaithra Chandrashekar, J.Chandrika,B.Ramesh, "Comparative study on the detection and Classification of Glaucoma images", IJEEM, Vol 3 Issue 4, , June 2015
14. Ramesh.B, Gururaj.H.L and Chandrika.J "Network Performance Compartative Analysis of Torus and Modified Mesh interconnections with Source Routing for Packet Loss", International Journal of Computer theory and Engineering (IJCTE) vol. 7 no. 4, pp. 273-277, 2014
15. J. Chandrika, Dr. K. R. Ananda Kumar, "State of the art algorithms for frequent item mining in data streams". , IJCSC Vol – II, Issue – II Dec 2011(ISSN : 0973-7391) pp 479 – 484 , Dec 2011
16. J.Chandrika, Dr. K. R. Ananda Kumar," Frequent Item set Mining In Transactional Data Stream Based On Quality Control And Resource Adaptation", , International Journal Of Data Mining and Knowledge Management Process, VOL.2 , No.6, , November 2012.
17. J. Chandrika, Dr. K. R. Ananda Kumar, "Resource Adaptive Technique for frequent item set mining in Transactional Data Stream, International Journal Of Computer Science and Network Security, Korea, VOL.12 No.10, October, 2012
18. J. Chandrika, Dr. K. R. Ananda Kumar, "Dynamic clustering of high speed data streams", International journal of computer science issues, Mauritus, Vol 9 – II Issue , March 2012

International Conferences

1. Thirthe Gowda M T, Chandrika J, "Analysis and Classification of ripped Tobacco leaves Using machine learning Techniques", published in Springer Lecture Notes on Data Engineering and Communications Technologies, International Conference on Evolutionary Computing and Mobile Sustainable Networks (ICECMSN 2020) Organised By Sir M. Visvesvaraya Institute of Technology, Bangalore, Feb 2020.
2. Chandrika.J, Karthik B U, Varista, Nuthan Kumar, "Machine Learning Based Approach for assessment of crop field", 3rd international conference on Data Engineering & Communication systems,RNSIT, Bangalore, Dec 19-20 2019
3. Chandrika.J,Sirisanjana,Rakshitha chinganagappa, "Voice Based Email System for Visually Impaired", 3rd international conference on Data Engineering & Communication systems,RNSIT, Bangalore, Dec 19-20 2019
4. H Hanebel Alva, Dr.Chandrika.J, "Interdisciplinary approach to Palliative Care: A survey of tools and an affordable technique", 2nd International Conference on Recent Innovative Trends in Computer Science and Applications (ICRITCSA-2019),Oct 2019
5. Sunitha R, Chandrika J,"Enhanced Non-circular Dynamic Base Station Approach to Increase Network Lifetime of Wireless Sensor Network", IEEE international Conference ICAIT -AIT Chickamagaluru, July 2019.
6. Anirudh Iyengar,Vijay Kothari, Shashank, Nishanth,Dr.Chandrika, "Patient Diagnosis system with augmented Reality", ICRACE 2019, March 2019
7. Dr.Chandrika.J,Hajira Fathima,Kavyashree,"IOT based digitlized certificate generation for emission test – A step towards smart city ", International conference on innovative trends in Engineering, Applied science and Management, March 2018
8. Pooja N S , Shubha N , Surabhi K H , Thejasvi G K, Dr. J. Chandrika, "Hash Based Technique for Detecting Suspicious Accounts in Money Laundering using Data Mining ", International Conference on Innovative Research in Engineering, Science, Management and Humanities (ICIRESMH-2018), Mar 2018
9. Sunitha R, Chandrika J, " Fuzzy Based Mobile Base station Clustering Technique to

Improve the Wireless Sensor Network Lifetime" **,** ICCIDM at VSSUT, Burla, Odissa, Dec 2017

10. Nalini H.C, Chandrika.J, "Video Protection Utilizing Codeword substitution", ICETSE, Vol 6, Issue 5., May 2017

11. Nalinin H.C, Chandrika.J, "Comparitive study of data mining based classification Algorithms",   ICETE-2017, Bengaluru, , Jan 2017

12. Sunitha R, Chandrika J, "A Study on detecting and Resolving Major issues in WSN by using Data Mining and Soft Computing Techniques",, ICETETS-2016, 978-1-4673-6725-7/16/$31.00 ©2016 IEEE, 2016

13. Sunitha R, Chandrika J, "A Study on detecting and Resolving Major issues in WSN by using Data Mining and Soft Computing Techniques",. , ICETETS-2016 at Kings College of Engineering, Thanjavur, Tamilnadu, Feb 2016

14. Neelambike.S, Dr.Chandrika.J, "An Efficient Environmental model considering Environment Factor V2I Application service", , 2015 IEEE International Conference on Computational Intelligence and Computing Reasearch- Enathi, Tamilnadu, ISBN:978-1-4799-7849-6., November 2015

15. Sunitha.R, Chandrika.J ,"A novel approach for efficient clustering of nodes in wireless sensor network using data mining techniques", , Third International Conference on " Emerging Research in Computing, Information, Communication and Applications" - ERCICA-2015 at Nitte Meenakshi Institute of Technology (NMIT) , Bangalore-64, India., 31st July -01st August, 2015

16. Yuvaraj A.N., Chandrika.J, "Stock market fundamental analysis using data mining", , International research conference on advanced computer science and information technology, Bangalore., May 2015

17. Sunitha.R, Chandrika.J, "Distance based Data Mining by Multi-Level Clustering in Wireless Sensor Network." , 8th International Conference on Electrical, Electronics, Computing and Communication Systems (EECCS'15), 29th and. 30th April, 2015, Bangalore

18. Naveen Kumar C.M, Dr.Ramesh, Dr. Chandrika J, "Design and Implementation of an efficient level set segmentation and classification for brain IMR images", AI and Evolutionary computations in Engineering Systems Springer vol 394, proceedings of ICAIECES 2015 ISBN: 978-81-322-2654-3 (print) 978-81-322-2656-7(Online)., 2015

19. Dr.Chandrika.J, Dr.B.Ramesh , Dr.K.R.Ananda kumar and Raina.D.Cunha "Genetic algorithm based hybrid approach for clustering time series financial data", DMDB-2014., AIRCC, July 2014 pp. 39–52, 2014. © CS & IT-CSCP 2014 DOI : 10.5121/csit.2014.4806 , 2014

20. J.Chandrika, Dr. K. R. Ananda Kumar," A Novel Approach for Clustering Categorical Data Streams",International Conference on Information and Computer Technology (ICICT 2013) , New Delhi, India., September 16-17, 2013

21. J. Chandrika, Dr. K. R. Ananda Kumar," A Novel Conceptual Framework for Mining High Speed Data Streams", International Conference on Business, Engineering and Industrial Applications ICBEIA2011, Kuala Lumpur, Malaysia. DOI 10.1109/ICBEIA.2011.5994246, 5 - 8 June 2011

22. J Chandrika, Dr. K. R. Ananda Kumar," An Adaptive Framework for Clustering Data Streams", ACC 2011, Kochi, India,Proceedings, Part I. Communications in Computer and Information Science 190 Springer 2011, ISBN 978-3-642-22708-0. pp 704-711, July 22-24, 2011

23. J. Chandrika, Dr. K. R. Ananda Kumar, "Data Stream Querying: Challenges and Issues" , International Conference on Computer Applications, Pondicherry, Dec 24-25 2010.

	National Conferences 1. Neelambike.S, Dr.Chandrika.J, " V2I Application considering Environment Factors ", was selected for the best paper award., NCETERM-16 GM Institute of Technology, Davanagere, Sept. 2016 2. Zareena Taj, Dr. Chandrika. J, "Dual Keys for sharing data security over cloud", , National Level Conference, FIESTA 2016,BCE Shravanabelagola,, April 2016. 3. Neelambike.S, Dr.Chandrika.J, "An Efficient Environmental model for V2I Application service"., NCRTCC-16, Jain Institute of Technology, Davanagere, February-2016. 4. J.Chandrika, Dr. M.G. Venkateshmurthy, Dr. B. Ramesh, "A Study Of Mining Techniques For Data Streams", , National conference on Issues and Trends in Advanced Computing, Bannari Amman Institute of Technology, Sathyamangalam , March 2010	
19.	Honors and Awards	Best Project guide 2019
20.	Workshops/FDP/STC Conducted and Attended 1. Conducted a twinning workshop on "introduction to OBE & Data Mining" at JEC Jorhat Assam, 26.11.2018 to 28.11.2018 2. Conducted two weeks AICTE FDP on Gaining insights into data science & Data Analytics at MCE Hassan from July 15 to 27, 2019 3. Attended ten days Online Short Term Course on Machine Learning for Data Science using Python, conducted by Department of Computer Science and Engineering, NIT Warangal In association with the Center for Continuing Education 1 st – 10th MARCH, 2021 4. Attended two week online AICTE sponsored FDP on Blockchain Technology conducted by Shakthi institute of technology, Coimbotore from 2-16 November 2020 5. Attended two week faculty development program on R Language and R Studio conducted by CSE dept, Cambridge Institute of Technology in association with IIT Bombay from 22-6-2020 to 5-7-2020 6. Attended five days online AICTE UHV program on Inculcating human values in technical education conducted by AICTE, New Delhi from 21-25 September 2020 7. Attended five days workshop on "Data Science concepts theoretical & Practical Approach", conducted by DSU Bangaluru from 15-6-20 to 19-6-20	
21.	Memberships	LMISTE
22.	Patents	Nil