

MEMBERS FROM ANNAUNIVERSITY AND AFFILLIATED COLLEGES

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Area of Specialization: Wireless Sensor Networks Data Engineering, Image Processing, Network Security

International Journal Publication:

1. Published in IEEE Xplorer ,Balasubramani, A. Kalaivanan, K. Karpagalakshmi, R.C.Monikandan, R.”Automatic facial expression recognition system” International Conference on Computing, Communication and Networking, 2008. ICCCN 2008. Volume , Issue , 18-20 Dec. 2008 Page(s):1 – 5 Digital Object Identifier 10.1109/ICCCNET.2008.4787749. (Scopus)
2. Karpagalakshmi, R.C.Rajesh.D “Hierarchical Clustering of Music towards Human Mood “, International Journal of Advanced Research in Computer science,Volume 1, NO.4, Nov-Dec 2010.ISSN:0976-5697 pp.93-96.
3. Published in IEEE Xplorer,R.C. Karpagalakshmi and Dr.D.Tensing “Vehicle Object Observation using Position Based Local Gradient Model “*International Conference on Radar, Communication and Computing (ICRCC), SKP Engineering College, Tiruvannamalai, TN., India. 21 - 22 December, 2012. (Scopus)*
4. Karpagalakshmi, R.C. Karthiga chandrasekakaran “A Survey on Search-As-You-Type Using Ranking Queries “, International Journal of Advanced Research in Computer science and Software Engineering, Volume 3, Issue 10, Oct-2013, ISSN:2277-128X pp.1040-1043.

5. Karpagalakshmi R C and Dr.D.Tensing “ Surveillance of vehicle objects with aerial Images using localization and posture based Local gradient model “ Journal of Theoretical and Applied Information Technology, 10th June 2014. Vol. 64 No.1, ISSN: 1992-8645, pp- 199 – 204.(UGC)
6. Karpagalakshmi R C and Dr.D.Tensing “ Event Detection at Vehicle Location Points using Spatial Time Invariant Model “International Journal of Engineering and Technology, Vol 6 No 2 Apr-May 2014, ISSN : 0975-4024, pp – 1188 – 1193.(Scopus)
7. Karpagalakshmi R C and Dr.D.Tensing “Orientation Model for Effective Event Detection in Vehicle Location “International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 9, Number 23 (2014) pp. 18889-18898. (UGC)(Scopus)
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10. Prabhakaran K, Karpagalakshmi RC. “Sketch and execution of productive virtue security for android smart phone”. The International Daily journal ,ISSN 2278 – 5469 EISSN 2278 – 5450,*Discovery*,2015, 30(122), 116-121.
11. Anandhi.T Karapagalakshmi.R.C, Efficient Cryptosystem for Scalable Data Sharing in Cloud Storage, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) , ISSN 2394-3777 (Print) ISSN 2394-3785 (Online) ,Vol. 3, Special Issue 22, April 2016.
12. Karpagalakshmi, R.C, Tensing. D & Kalpana,A.M ‘VPEDA: A Robust Vantage Point based Event Detection Architecture for Efficient Object Detection and Localization’, Asian Journal of Information

Technology, ISSN : 1682-3915 (Print), ISSN : 1993-5994 (Online), 15(24) : 4970 -4978, 2016.

13. K. Namrata, R. C. Karpagalakshmi, Dr. D. Tensing, "Survey on 2D-DCT Based Image Watermarking with High Implanting Limit and Robustness", October 16 Volume 4 Issue 10 , International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN: 2321-8169, PP: 161 – 164.
14. Karpagalakshmi, RC, Tensing, D & Kalpana, AM , "MULTI-POINT CO-ORDINATION SCHEME FOR TRAFFIC CONTROL SYSTEMS " Asian Journal of Research in Social Sciences and Humanities, ISSN 2249-7315 Vol. 6, No. 10, October 2016, pp. 911-919.
15. Karpagalakshmi, RC, Tensing, D & Kalpana, AM 'Image Localization using Deformable Model and its Application in Health Informatics, Journal of Medical Imaging and Health Informatics, ISSN: 2156-7018 (Print), ISSN : 2156-7026 (Online) Vol. 6, No. 8, Dec 2016, pp. 1972 -1976. (UGC)
16. Kalpana, AM ,Karpagalakshmi, RC, Tensing, D , "IMPLEMENTATION OF RTT-GM FOR VEHICULAR RECOGNITION AND LOCALIZATION , " Asian Journal of Research in Social Sciences and Humanities,ISSN:2249-7315, 2250-1665 (Print). Vol. 7, No. 1, January 2017, pp.941-949.
17. K.Namrata,R.C.Karpagalakshmi,S.S.Manikandasaran,"IMPLEM ENTATION OF NOVEL TECHNIQUE FOR IMAGE WATERMARKING USING 2D-DCT" International Journal of Pure and Applied Mathematics, Volume 117, No. 16 2017, 221-226, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version).(UGC)
18. Dr. R. C. Karpagalakshmi, Dr.R.Rajasekar, and Dr.A. M. Kalpana, "STUDY ON EFFECTIVE TRAFFIC ORGANIZATION WITH FUZZY USING NEIGHBOR JUNCTION POINTS", International Journal of Pure and Applied Mathematics.Volume 118 No. 14 2018, 149-155, ISSN: 1311-8080 (printed version); ISSN: 1314-3395 (on-line version). (UGC)

19. Dr. R. C. Karpagalakshmi, Dr.R.Umamaheswari, Dr.R.Rajasekar, "Analysis of Time Discrepancy in Multi Proxy Synchronization for Transportation" TAGA JOURNAL OF GRAPHIC TECHNOLOGY for the publication in Volume 14-2018. pp.195-200.ISSN: 1748-0337 (Print) / 1748-337 (Print) ISSN: 1748-0345 (Online) .
20. Dr. R. C. Karpagalakshmi , A.Kanimozhi, International journal of Computer Science Engineering Techniques on FACIAL EXPRESSION AND RECOGNITION USING LOCAL DIRECTIONAL NUMBER PATTERN, Volumn 3, Issue 5, Dec 2018, ISSN: 2455-135X, PP: 16-20.
21. Ms. A.Kanimozhi, Dr.R.C.Karpagalakshmi, Ph.D, Dr.P.Vijayalakshmi Ph.D, International Journal of Research and Analytical Reviews on MULTIMODAL FACIAL EMOTION RECOGNITION SYSTEM, May 2019, Volume 6, Issue 2 , E-ISSN 2348-1269, P- ISSN 2349-5138, PP: 527-532.
22. Ms. Arularasi, Dr.R.C.Karpagalakshmi, Ph.D, Dr.P.Vijayalakshmi Ph.D, International Journal of Research and Analytical Reviews on Protection and Privacy of Smart home Automation Syatem Using IOT, May 2019, Volume 6, Issue 2 , E-ISSN 2348-1269, P- ISSN 2349-5138, PP: 167-171.
23. S. Boopalan, Dr. Puneet Goswami, Dr.K. Ramkumar, Dr.R.C. Karpagalakshmi, . Jour of Adv Research in Dynamical & Control Systems on Heterogeneous Distort-Prevention Manifold Resource Distribution Mechanism for Cloud Management , Vol. 12, No. 3, March ,2020.
24. Meghala Murgesh, Karpagalakshmi, R. Umamaheswari, Journal of Data Mining and Management, Iot Based Real Time Video Data Monitoring, e-ISSN: 2456-9437, Volume-5, Issue-1 (January-April, 2020) , <http://doi.org/10.5281/zenodo.3691039>.
25. Dr R C Karpagalakshmi, Mr.Bharathkumar, Mr.Vignesh, Mr.Yogaraj, Mr.Naveenkumar,“ Implementation of automated low cost Data warehouse for Preserving and Monitoring Vegetables and Fruits”

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26. Dr R Umamaheswari, Dr R C Karpagalakshmi and Mr. Kavinkumar ,
“ AN ANDROID APPLICATION FOR SMART ATTENDANCE MANAGEMENT SYSTEM BY USING FACE RECOGNITION” , Journal of Engineering Sciences , Vol 11, Issue 11, NOV/2020, ISSN NO:0377-9254.
 27. Dr K Chandramohan, Dr R C Karpagalakshmi , Ms. Sumaiya, Ms. Subhashini and Ms. Sowmiya ,
“ Design and Implementation Of Weeding Robot For Organic Farming” , Journal of Engineering Sciences , Vol 11, Issue 11, NOV/2020, ISSN NO:0377-9254.
 28. Dr R Rajasekar, Dr R C Karpagalakshmi, “ A HYBRID CLOUD SCHEDULING USING GENETIC ALGORITHM” , Journal of Engineering Sciences , Vol 11, Issue 11, NOV/2020, ISSN NO:0377-9254.
 29. Dr R C Karpagalakshmi, Mr. Gobinathan, Dr R Umamaheswari, A SIVA, “REVIEWING AND MODELLING OF SEED SOWING MULTIPURPOSE ROBOT TOWARDS SMART FARMING”, Journal of Engineering Sciences , Vol 11, Issue 11, NOV/2020, ISSN NO:0377-9254.

Papers Published in International Conferences:

1. Balasubramani, A. Kalaivanan, K. Karpagalakshmi, R. C. Monikandan, R. “Automatic facial expression recognition system” International Conference on Computing, Communication and Networking, ICCCN 2008, Chettinad College of Engineering and Technology. Volume , 18-20 Dec. 2008 .pp.84.
2. Balasubramani, A. Monikandan, R, Karpagalakshmi, R. C. “User Expected result from Qsearch engine by Ranking of web page” International Conference on Knowledge Networking in ICT Era , Jan 22-24, 2009, Central Library, B. S. Abdur Rahman Crescent Engineering College. Volume I , pp.67-69.

3. Karpagalakshmi, R.C, Kalaivanan, K.Balasubramani, A"Analysis of an Effective Edge based Inpainting Technique for Fractal Image Compression" International Conference on Recent Advancements in Electrical Sciences, ICRAES'10, K.S.R College of Engineering ,8-9Jan 2010. Volume-II ,pp.526-532.
4. R.C. Karpagalakshmi and Dr.D.Tensing"Vehicle Object Observation using Position Based Local Gradient Model " *International Conference on Radar, Communication and Computing (ICRCC), SKP Engineering College, Tiruvannamalai, TN., India. 21 - 22 December, 2012. pp.293-298.*
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7. C.Padmapriya , R.C.Karpagalakshmi and Dr.P.Prakasam " SURVEY ON AD HOC NETWORKS FOR EFFECTIVE ADDRESSING USING FILTER BASED ADDRESSING PROTOCOL" *International Conference on Advanced Computing, Control systems, Machines and Embedded Technology, ICACT2014, JKK Nattraja College of Engineering and Technology, 7-8 March 2014. Volume-I pp.669-675.*
8. K.Namrata , Dr.R.C.Karpagalakshmi and Dr.,S.S.Manikandasaran " Implementation of Novel Technique for Image Watermarking Using 2D-DCT" International Conference on Recent Trends in Engineering and Technology, ICRTET2017, St Josephs Institute of Technology, Chennai, 5 -6th May 2017 pp.27.

9. Dr. R. C. Karpagalakshmi, Dr.R.Rajasekar, and Dr.A. M. Kalpana , “Study On Effective Traffic Organization With Fuzzy Using Neighbor Junction Points” Third International conference on “ Technical Advancement in Computer Science and Engineering (ICTACSE -2018), ISSN 978-93-83038-53-4 On 2nd and 3rd Feb,2018, Malla Reddy Engineering College for Women, Sec’bad, Telangana.
10. Dr.R.C.Karapagalakshmi , A.Priyadharshini, A.Uma, K.Yazhini, “IOT BASED PATIENT HEALTH MONITORING AND AUTOMATIC FLUID LEVEL INDICATION SYSTEM” International conference on Recent Innovation in Science, Engineering & Management organized by Tagore Institute of Engineering and Technology, in association with The Institution of Engineers(India) on 7th March 2018.
11. Dr R C Karpagalakshmi, Mr.Gobinathan, Dr R Umamaheswari, A SIVA, “REVIEWING AND MODELLING OF SEED SOWING MULTIPURPOSE ROBOT TOWARDS SMART FARMING” ,AICTE Sponsored International Conference on Recent Trends in Computers, Electronics and Electrical Engineering,2020 , St.peter's Engineering College, Hyderabad on 24th-26th, August 2020.
12. Dr R C Karpagalakshmi, Mr.Bharathkumar, Mr.Vignesh, Mr.Yogaraj, Mr.Naveenkumar,“ Implementation of automated low cost Data warehouse for Preserving and Monitoring Vegetables and Fruits” ,AICTE Sponsored International Conference on Recent Trends in Computers, Electronics and Electrical Engineering,2020 , St.peter's Engineering College, Hyderabad on 24th-26th, August 2020.
13. Dr R Umamaheswari,Dr R C Karpagalakshmi and Mr.Kavinkumar ,“ AN ANDROID APPLICATION FOR SMART ATTENDANCE MANAGEMENT SYSTEM BY USING FACE RECOGNITION” ,AICTE Sponsored International Conference on Recent Trends in Computers, Electronics and Electrical Engineering,2020 , St.peter's Engineering College, Hyderabad on 24th-26th, August 2020.

14. Dr K Chandramohan, Dr R C Karpagalakshmi , Ms.Sumaiya, Ms.Subhashini and Ms.Sowmiya ,“ Design and Implementation Of Weeding Robot For Organic Farming” ,AICTE Sponsored International Conference on Recent Trends in Computers, Electronics and Electrical Engineering,2020 , St.peter's Engineering College, Hyderabad on 24th-26th, August 2020.
15. Dr R Rajasekar, Dr R C Karpagalakshmi,“ A HYBRID CLOUD SCHEDULING USING GENETIC ALGORITHM” ,AICTE Sponsored International Conference on Recent Trends in Computers, Electronics and Electrical Engineering,2020 , St.peter's Engineering College, Hyderabad on 24th-26th, August 2020.
16. Dr R C Karpagalakshmi, Dr K Chandramohan and Dr R Umamaheswari , “ Smart Farming by implementing the Agrobot to sprinkle the Grain” , International conference on "Recent Advancements in Wireless Communications, Signal and Image Processing" "Chennai Institute of Technology" on 29.06.2020 and 30.06.2020

Papers Published in National Conferences:

1. Karpagalakshmi.R.C., Kavitha.N, “ Innovative Trends in Data Mining”, Proceedings of National level seminar on Innovative Trends in Information Technology ,Department of Computer Science, Vivekanandha College of Arts and science for Women, sep 24th 2007.pp:17
2. Karpagalakshmi.R.C., “ Music Information Retrieval”, Second National conference on Frontier Research Areas in Computing Sciences ,Department of Computer Science, Bharathidasan University, Trichy, Oct 5th& 6th 2007.
3. Karpagalakshmi.R.C., “ Survey on A Clustering Approach for mood dimension in Music Mining”, National conference on Recent Trends in Computers ,Department of Computer Science & Computer Applications, SSM College of Arts & Science, Oct 3rd 2008.

4. Karpagalakshmi.R.C., Vimala.K, “A Clustering Approach for mood dimension in Music Mining”, Proceedings of National seminar on Emerging Trends in Information Technology ,Department of Computer Science, Vivekanandha College of Arts and science for Women, Oct 7th 2008.pp:19
5. Balasubramani A Monikandan R , Karpagalakshmi R C, Rajesh D , Kalaivanan K “User Expected result from QSearch Engine by Ranking of Web Page Search “National Conference on Micro/Nano Devices, Circuits and Systems,MINDSS09, Department of ECE,,Muthayammal Engineering College, Rasipuram,9-10 Apr 2009,pp.259-262
6. Karpagalakshmi R C, Balasubramani A Monikandan R , Rajesh D, Kalaivanan K “Music Mining - A hierarchical clustering towards mood “National Conference on Micro / Nano Devices, Circuits and Systems,MINDSS09, Department of ECE,,Muthayammal Engineering College, Rasipuram,9-10 Apr 2009,pp.263-268
7. Monikandan R, Balasubramani A ,Karpagalakshmi R C , Kalaivanan K ,Rajesh D, “Security Issues and Proposed Solutions for Handover the Mobile Station between IEEE802.16e And 3G Wireless Networks “National Conference on Micro / Nano Devices, Circuits and Systems, MINDSS09 , Department of ECE,,Muthayammal Engineering College, Rasipuram,9-10 Apr 2009,pp.269-274
8. Balasubramani A ,Karpagalakshmi R C , Rajesh D , Monikandan R, Kalaivanan K , , “DNA for User Authentication and Secure Transfer “ National Conference on Micro / Nano Devices, Circuits and Systems, MINDSS09 , Department of ECE,,Muthayammal Engineering College, Rasipuram,9-10 Apr 2009,pp.286-288
9. Balasubramani A , Rajesh D , Monikandan R, Karpagalakshmi R C, Kalaivanan K , “Discovering Missing values Occurrences using AR algorithm “ National Conference on Micro / Nano Devices, Circuits and Systems, MINDSS09 , Department of ECE,,MuthayammalEngineering College, Rasipuram,9-10 Apr 2009,pp.275-279.

10. R.C. Karpagalakshmi and, Dr.D.Tensing“Study on Implementation of GIS based Intelligent Support System For Roadway Networks ” National Conference on Information Computational Algorithms & their Applicationsy, NCICAA’12, Selvam College of Technology,Namakkal, 17-18 Feb 2012. pp.40.
11. S.Boopalan, R.C. Karpagalakshmi, Rameshkumar“Mobility Increases the Capacity of AD-HOC Wireless Networks” Second National Conference on Research Advances in Communication, Computation, Electrical Science and Structures, RACCESS2013, Bharathiyar Institute of Engineering for Women Attur., 23rd Feb 2013. pp.44.
12. S.Boopalan, R.C. Karpagalakshmi, Rameshkumar “SECURITY FROM SINGLE TO MULTI CLOUDS TO ENABLING CLOUD COMPUTING” Second National Conference onInformation Computational Algorithms & Their Applications on 8&9th March 2013,Selvam College of Technology,Namakkal.
13. R.C. Karpagalakshmi, M.Saranya, A.Ranjidha “Retrieval of Images Based on Segmentation of feature extraction and classification” IEEE Sponsored Seventh National Conference on Innovation in Computing Techniques, NCICT13, Mahendre Engineering College ,Tiruchengode., 15thMarch 2013.
14. R.C. Karpagalakshmi, C.Padmapriya, “survey on auto configuration of nodes in adhoc networks “National Conference on Emerging Trends in Information Technology (NCETIT 13), Nehru Institute of Engineering and Technology, Coimbatore, pp – 184 – 188.
15. Dr.R.C.Karpagalakshmi, Dr..S.S.Manikandasaran, “Analysis of Ad hoc Networks Using Filter based Protocol with Collision Avoidance” , National conference on “ Innovative Trends in Computational Technologies”, 24th and 25th Jan 2018, Muthayammal College of Arts and Science, Rasipuram.
16. Dr.R.C.Karapagalakshmi , A.Priyadharshini, A.Uma, K.Yazhini, “ARDUINO BASED SMART FLUID LEVEL INDICATOR FOR HEALTH

MONITORING APPLICATION” National Conference on Computing and Communication in Emerging Technologies(NCCCET’18) held on 23rd march 2018 at Chettinad College of Engineering and Technology.

17. Presented a paper on secured online voting system based on Image Processing in national conference on NCCCTTNRR on April 4th, 2018, VMKV Engg College, Salem.
18. Dr.R.C.Karpagalakshmi, Ms.S.Kaviya, Ms.A.Keerthana, Ms.M.Deepika, Ms.A.Gayathri, “SMART FARMING BY IMPLEMENTING THE AGRIBOT TO SPRINKLE THE GRAINS” Paper presented in National Conference on Challenges and opportunities in industry 4.0, (COIN – 2020), KSR Institute for engineering and Technology, 14th march 2020.

Patent Rights:

- Published one patent application publication as inventor titled as System for Smart nail polish and Nail Art , Application No. & Patent filed date : 201841019563A & 25/05/2018, Patent published on 08/06/2018.
- Published one patent application publication as Applicant and Inventor titled as Washbowl from E-waste Materials , Application No. & Patent filed date : 201841029579A & 07/08/2018, Patent published on 17/08/2018.
- Published one patent application publication as Inventor titled as Systems and Methods for Consumption and Generating power through the flow of water , Application No. & Patent filed date : 201941005201A & 09/02/2019, Patent published on 15/02/2019.
- Published one patent application publication as Applicant and Inventor titled as IOT BASED SMART AUTOMATED AQUAPONICS SYSTEM, Application No. & Patent filed date : 202041028086 A & 01/07/2020, Patent published on 10/07/2020