

# **EASWARI ENGINEERING COLLEGE**

**(AUTONOMOUS)**

## **DEPARTMENT OF INFORMATION TECHNOLOGY**

### **TECHNICAL PAPER PUBLICATIONS BY FACULTY MEMBERS**

**ACADEMIC YEAR 2017-2018**

**WEB OF SCIENCE / SCI JOURNALS**

<b>S.NO</b>	<b>Publication Details</b>
1.	Dr.V.Vani, Named Entity Recognition for Automated Test Case Generation, International Arab Journal of Information Technology, 15(1), 112-120, 2018.
2.	Dr.R.Priyatharshini, A Self-Learning Fuzzy Rule-based System for RiskLevel Assessment of Coronary Heart Disease, IETE Journal of Research, ISSN: 0377-2063, (Print) 0974-780X (Online), 1-10, Feb 2018
3.	Dr.S.Kanagasubaraja, A New Hybridized Speech Enhancement Technique for Stationary and Non-Stationary Noisy Environments, Journal of Computational and Theoretical Nanoscience, ISSN: 1546-1955/2017/14/5934/008, Volume 14, Number 12,pp. 5934-5941(8),American Scientific Publishers, Dec 2017
4.	Dr.S.Kanagasubaraja, Conversion of Non Audible Murmur to Normal Speech Based on Full-Rank Gaussian Mixture Model, Journal of Computational and Theoretical Nanoscience, ISSN 1546- 55/2017/14/001/006, Vol. 14,1–6,American Scientific Publishers,2017
5.	Dr.S.Leninisha,Quantitative growth analysis of pulp necrotic tooth (post-op) using modified region growing active contour model, IET Image Processing,ISSN 1751-9659,Vol. 11 Iss. 11,pp. 1015-1019,© The Institution of Engineering and Technology 2017

**SCOPUS JOURNALS**

S.NO	Publication Details
1.	Dr.S.Kanagasubaraja, Speech Enhancement Using Harmonic-Model with Multichannel Wiener Filter, Jour of Adv Research in Dynamical & Control Systems, ISSN: 1943-023X, Vol. 9, No. 2, 48-54, 2017

## OTHER JOURNALS

S.NO	Publication Details
1.	Dr.V.Vani, Test Lifecycle in Behavior, Driven Development , I J C T A, ISSN: 0974-5572, © International Science Press, 10(8), pp. 613-618, 2017
2.	Mrs. K. Valarmathi,, An Effective Mechanism for Virtual Machine Placement in Cloud Computing Systems, IJSSR, ISSN NO: 2279-543X, vol 7, Issue 3, 358-362, March 2018
3.	Dr.Vani V, A Low-Cost Health Care System Using Power Line Communication, IJSRR, ISSN NO: 2279-543X, Volume 7 Issue 4, 339-343, April 2018.
4.	Mrs Sowmya.M,, A, Voice based public opinion mining and automatic category recognition system, IJSRR, ISSN NO: 2279-543X, Volume 7 Issue 4, 40-44, April 2018.
5.	Mrs Hema, Reduction of power Consumption Using Virtual Machine Consolidation in Cloud, IJSRR, ISSN NO: 2279-543X, Volume 7 Issue 3, 246-249, March 2018
6.	Mrs Valarmathi K, Efficient Cost Based Scheduling Algorithm in Cloud, IJSRR, ISSN NO: 2279-543X, Volume 7 Issue 3, 259-263, March 2018
7.	Dr. Ananthi.N, Competitor Identification by the use of Sentiment Analysis based on the user reviews, IJSRR, ISSN NO: 2279-543X, Volume 7, Issue 3, 523-526, March 2018
8.	Mrs.B.Chandra, A Privacy Preserving Approach in Location Difference Based on Proximity Detection Protocol, IJISRT, ISSN No:-2456-2165, Volume 3, Issue 3, 500-506, March 2018
9.	Ms.P.Deepika, IoT based e-health management using Robot assistance, IJSRR, ISSN NO 2279, Volume 7, Issue 3, April -2018
10.	Ms.A.Sathya, Enhancing Cloud Storage Security using IFC, IJSRR, ISSN no : 2279-543X, Volume 7, Issue 3, 382-385, March-2018

11.	Dr.S.Leninisha,Improving Smart Home Authentication based on Biometric Authentication, IJSRR,ISSN no : 2279-543X, Volume 7, Issue 4, 187-192, April-2018
12.	Mrs.A.Vinothini,An assessment model for file recovery in cloud computing using trust manager,IJSRR Journal,ISSN no : 2279-543X,Volume 7, Issue 3,March-2018
13.	Prof.A.K.Mariappan,Automated Pothole Detection and Pre-Indication System using IoT,IJSRR Journal,ISSN no : 2279-543X, Volume 7, Issue 3,425-433,March-2018
14.	Mrs.B.Chandra,Communication Over Opportunistic Network Using Crowd Sourced Data,IJSRR Journal,ISSN no : 2279-543X, VOLUME 7, ISSUE NO 3,MARCH -2018
15.	Dr. R. Radha,Multiple Communicating Sensor Modules to achieve a Internet of Vehicles Network – A step towards Road Automation, International Journal of Creative Research Thoughts, ISSN: 2320-2882, Volume 6, Issue 2,211-221,April 2018
16.	Mrs.M.Hema,Agri Bot – Gsm Based Smart Automated Control For Seed Sowing And Grass Cutting System, International Journal for Science and Advance Research in Technology IJSART,ISSN [ONLINE]: 2395-1052,Volume 4 Issue 4,1-17,APRIL 2018
17.	C. Priyadharshini,Development of safety zone detection with prevention of fisherman out of range travel using RFID with alert, International Journal of Scientific Research and Review, ISSN no : 2279-543X,Volume 7, Issue 4, 140-145,APR-2018
18.	Prof.A.K.Mariappan, Provisioning Feminae Safety for Secure India Using Smart IOT Device, International Journal of Scientific Research and Review, ISSN no : 2279-543X, Volume 7, Issue 4,223-229,APR-2018
19.	Mrs. B. Sandhiya,Intelligent obstacle detection footwear for visually impaired,International Journal of Creative Research Thoughts, ISSN NO: 2320-2882, Volume 6, Issue 2,563-567, APR-2018
20.	Ms.A.Sathya,SMART GLOVES: Remote Monitoring of Differently-abled Patients using Cloud,International journal of Scientific Research and DevelopmentmISSN [ONLINE]: 2395-1052,Vol 4-Issue 4,1-7,April,2018
21.	Kausalya K, Automated Agriculture Robot For Effective Farming, International Journal of Creative Research Thoughts (IJCRT), Volume 6, Issue 2 , ISSN: 2320-2882, 166-170,April 18.
22.	Ms. S.Sudha Mercy,An automated method for characterization of facial expression,International Journal for Advance Research and Development,ISSN NO:

	XXXX –XXXX, Volume3, Issue4, 211-216, APR-2018
23.	Mrs.M.Sowmiya, Design and Implementation of Load Monitoring System and Phase Selector, International journal of Scientific Research and Development, ISSN [ONLINE]: 2395-1052, Vol 4-Issue 4, 1-6, April, 2018
24.	Ms. S.Sudha Mercy, Metal and Gas detecting Robot using IOT, IJSRR, ISSN no : 2279-543X, Vol 7-Issue 4, 45-52, 2018
25.	Dr.V.Vani, Retail Marketing for Agro products using Predictive Analysis and Blockchain, Turk J Elec & Comp Sci, DOI:10.390/elk-, 2018.
26.	Dr.M.Mohana, Emergency Mobile Navigation in Hazardous Environment using Wireless Sensor Network, IJSART, ISSN NO: 2395-1052, Vol 4, Issue 4, April 2018.
27.	Mr.M.Vivekanandan, Design and Implementation of Irrigation system using Wireless Sensor Network, IJCRT, ISSN NO:2320-2882, 2018.

### ACADEMIC YEAR 2018-2019

S.NO	Publication Details
1.	M. Sethupathi, G. Sai srikar, R. R. Sundar Naresh, Dr. R. Priyatharshini, Expert Recommendation for Crime Prediction Using Data Mining Techniques, International Journal of Creative Research Thoughts (IJCRT), ISSN: 2320-2882, PP 390-395, May 2018

### ACADEMIC YEAR 2019-2020

#### WEB OF SCIENCE / SCI JOURNALS

S.NO	Publication Details
1.	Radha Ranganathan, Bhuvanewari Somanathan, Kathiravan Kannan, Fuzzy-Based Cluster Head Amendment (FCHA) Approach to Prolong the Lifetime of Sensor Networks, Wireless Personal Communications, Vol 110, Issue 3, pp-1533-1549, Springer US, 2020.

2.	Vani, V. & Ananthalakshmi, Soft computing approaches for character credential and word prophecy analysis with stone encryptions, .R. Soft Comput (2020). <a href="https://doi.org/10.1007/s00500-019-04643-7">https://doi.org/10.1007/s00500-019-04643-7</a> , Print ISSN1432-7643, 04 January 2020. DOI <a href="https://doi.org/10.1007/s00500-019-04643-7">https://doi.org/10.1007/s00500-019-04643-7</a> .
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## SCOPUS JOURNALS

S.NO	Publication Details
1.	Dr.N.Ananthi, K.Kumaran, Megna.N,Priyanga.S, Santhoshkumar.N, Sign Language Interpretation With Machine Learning In Movement Recognition For Speech – Disabled People, International Journal of Advanced Science and Technology, Vol. 29, No. 9s, ISSN: 2005-4238, pp 3034-3041, 2020.
2.	Dr.N.Ananthi, K.Kumaran, Akshaya S, Aarthi B, Aishvarya J, An Image Processing Based Fungus Detection System For Mangoes, International Journal of Innovative Technology and Exploring Engineering, Volume-9 Issue-1, ISSN: 2278-3075, pp 3493-3497, 2019
3.	K.Kumaran, Dr.N.Ananthi, P.Gladinaa,S.Ashwini,N.Ananthi,S.Deepika, Driver Drowsiness Detection Based On Facial Recognition, International Journal of Advanced Science and Technology, Vol. 29, No. 9s, ISSN: 2005-4238, pp 2857-2863, 2020.
4.	A.K.Mariappan, R.Ramana Surriyan, E.S.Shobana, Accuracy Invoked Course Recommender System using Collaborative Filtering, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, DOI:10.35940/ijrte.D9981.118419, November 2019
5.	S.Kanaga suba Raja, M.Hema, An Optimal Algorithm to Improve Resource Utilization in Cloud Data Centre, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-9 Issue-1, DOI: 10.35940/ijeat.A9704.109119, October 2019
6.	Face Recognition Using Haar – Cascade Classifier for Criminal Identification, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-7, Issue-6S5, April 2019. Retrieval Number:F13360476S519/19©BEIESP
7.	V. Balaji, S. Kanaga Suba Raja S. Aparna, J. Haritha, M. Lakshmi Kanya, Smart Assistance for As per ger Syndrome using Raspberry Pi, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-1, DOI: 10.35940/ijitee.A4835.119119, November 2019
8.	S. Kanaga Suba Raja, V. Balaji, S. S. L. Durai Arumugam, Detection of Tuberculosis in Chest X-rays using U-Net Architecture, International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-,1ISSN: 2278-3075, 2019.
9.	S Kanaga Suba Raja, Taylor-AMS features and deep convolutional neural network for converting nonaudible murmur to normal speech, Computational Intelligence, <a href="https://doi.org/10.1111/coin.12281">https://doi.org/10.1111/coin.12281</a> , pp 1-24, 2020.
10.	S Kanaga Suba Raja, Valarmathi K, Naga Surayanarayana D,Niranjan S,Kavin Sathya B,

	An Efficient Approach for URL Phishing Attack detection using Random Forest Algorithm, TEST Engineering & Management, Vol. 83, No. 9s, ISSN: 0193-4120 Page No. 8822 -8830, 2020.
11.	S Kanaga Suba Raja, M. Vivekanandan, Rubha Shree R, Sabarish S, Yugendran PS, Design and Implementation of Price Forecasting System for Agricultural Commodities using Machine Learning, International Journal of Psychosocial Rehabilitation, Vol. 24, Issue 10, ISSN: 1475-7192, pp 1621-1627, 2020.
12.	S Kanaga Suba Raja, Valarmathi K, Akhila Balasubramanian, Amrita Mohanta, Abirami S, Digital Agriculture: An Approach to Balance the Water Level using Ambient Intelligence in Cloud, International Journal of Advanced Science and Technology, Vol. 29, No. 9s, ISSN: 2005-4238, pp. 3087-3096, 2020.
13.	Hema.M, S Kanaga Suba Raja, Balasubramanian.U, Balaji.S, Lokesh Kumar.T, An Efficient VM placement algorithm for reducing energy consumption in Cloud Data Centers, International Journal of Advanced Science and Technology, Vol. 29, No. 9s, ISSN: 2005-4238, 2020.
14.	Chandra.B, S Kanaga Suba Raja, V. Rajhashimma,S. Mythreyan,M. Saravana Kumar, Automated Diabetic Retinopathy Detection from Retinal Fundus Images Using Image Processing, International Journal of Advanced Science and Technology, Vol. 29, No. 9s, ISSN: 2005-4238, pp. 2758-2764, 2020.
15.	Dr. KanagaSuba Raja S, A Review on detection mechanisms used in Wireless Sensor Network for DoS attacks, TEST Engineering & Management, Volume 83, ISSN: 0193-4120 Page No. 10671 – 10677, 2020.
16.	Dr. KanagaSuba Raja S, Optimal Resource Allocation Scheme in Wireless 5G Networks, TEST Engineering & Management, Volume 83, ISSN: 0193-4120, pp18529 – 18535, 2020.
17.	Dr. KanagaSuba Raja S, S.R.Ronak, S.Rengarajen, P.Ravindran, Design and Implementation of Fertilizer Recommendation System for Farmers, TEST Engineering & Management, Volume 83, ISSN: 0193-4120 Page No. 8840 – 8849, 2020.
18.	Jaichandran R, Bagath Basha C, Shunmuganathan K.L, Rajaprakash S, Kanagasuba Raja S, Sentiment Analysis of Movies on Social Media using R Studio, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958, Volume-8 Issue-6, DOI: 10.35940/ijeat.F8586.088619, August 2019
19.	S Kanaga Suba Raja, M. Vivekanandan, T. Ameer Salman, M.Arun Sathya, V. Koushik, Design and Implementation of Smart Surveillance for Energy Saving of Street Lamps in Rural Areas, TEST Engineering & Management, Volume 83, ISSN: 0193-4120 Page No. 8900 – 8905, 2020.
20.	Usha Kiruthika, Kanagasuba Raja S, Jaichandran R, Priyadharshini C, Detection and Classification of Paddy Crop Disease using Deep Learning Techniques, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-3, DOI: 10.35940/ijrte.C5506.098319, September 2019
21.	S.Kanaga Suba Raja, M.Vivekanandan, Design and Implementation of Facial Recognition

	System for Visually Impaired using Image Processing, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, DOI:10.35940/ijrte.D7676.118419, November 2019
22.	M.Mohana, V. Vani, Shri Dikshanya K.N, Shruthi.B, Vinothini V, Diagnosis of Malaria from Peripheral Blood Smear Images using Convolutional Neural Networks, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, DOI:10.35940/ijrte.D9983.118419, November 2019.
23.	M.Mohana, V. Vani, D. Vanishree, K. S. Subiksha, M. Sushanthika, Smart Drainage System using Zig Bee and IoT, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, DOI:10.35940/ijrte.D4343.118419, November 2019
24.	M.Mohana, V. Vani, S. Haritha Meenashi, G. Jeevitha, A. Keerthika, Third-Eye Two Wheeler for Accident Detection with Micro electro mechanical System (MEMS) enabled in Smart helmet, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, DOI:10.35940/ijrte.D4342.118419, November 2019
25.	R.Priyatharshini , Aparajitha.K, Aarthi.B, Dhivya.N, Design and Development of an Efficient Mining Framework for Pre-Cancerous Lesion Detection in Lung Using Non-Invasive CT Imaging, International Journal of Innovative Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075, Volume-9 Issue-1, DOI: 10.35940/ijitee.A5265.119119, November 2019
26.	R. Priyatharshini, Aswath Ram. A.S, R. Shyam Sundar, G. Nethaji Nirmal, Real-Time Object Recognition using Region based Convolution Neural Network and Recursive Neural Network, International Journal of Recent Technology and Engineering (IJRTE)ISSN: 2277-3878, Volume-8 Issue-4, DOI:10.35940/ijrte.D8326.118419, November 2019
27.	Senthamizh Selvi.R , D.Sivakumar, Sandhya.J.S ,Siva Sowmiya.S, Ramya.S , Kanaga Suba Raja.S, Face Recognition Using Haar –Cascade Classifier for Criminal Identification, International Journal of Recent Technology and Engineering, ISSN: 2277-3878, Volume-7, Issue-6S5, April 2019.Retrieval Number:F13360476S519/19©BEIESP
28.	S.Gnanapriya, K. Rahimunnisa, Jan Gracelin Jemi. K, Ishwarya. S, Karthikeyan. AL, Wireless Power Transfer and Vehicle Theft Detection using Block Chaining, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, DOI:10.35940/ijrte.D7571.118419, November 2019
29.	M.Sowmiya, Preethimadevi.A Monisha .K Valarmathi V, Life Saver : Intelligent Traffic Control System for Ambulance Prioritization Using IoT, TEST Engineering & Management, Volume 83, ISSN:0193-4120 Page No. 8866 – 8873, 2020.
30.	Priyadharshini C, Image Completion using Deep Convolutional Generative Adversarial Networks, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, DOI:10.35940/ijrte.D7725.118419, November 2019
31.	P.Deepika, S.Sathya Priya, C.Priya, M.Surya, Smart Secure and Warning System in Hair

	Pin Bends at Hill Stations Based on Zig Bee Technology, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, DOI:10.35940/ijrte.D8019.118419, November 2019
32.	Chandra.B, An Efficient and Effective Forest Surveillance System to Prevent Malicious Activities Using LoRa, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, DOI:10.35940/ijrte.D7650.118419, November 2019
33.	Kausalya. K, Bhavadarini. S, Gayathri. A, Automated Toll Booth using Morphological Edge Detection Algorithm, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, DOI:10.35940/ijrte.D7554.118419, November 2019
34.	Sandhiya B, R.Suraj, A.TamilSelvan, P.SathishKumar, A Novel Based Intelligent Spectacles For Visually Impaired, International Journal of Advanced Science and Technology, Vol. 29, No. 9s, ISSN: 2005-4238, pp. 3115-3123, 2020.
35.	Sandhiya B, S.Sathyamoorthi, .S.Vishwa Prabhu,DS.Saravanan, A Novel Approach for Vehicle Theft Detection using Image Processing, TEST Engineering & Management, Vol.83, ISSN: 0193-4120 Page No. 8850 – 8857, 2020.
36.	K.Kumaran, Naurein N,Pratibha P,Pooja K , Mental Health Monitoring System to Detect Criminal Behaviour using Emotion Recognition and Psychometrics, TEST Engineering & Management, Vol. 83, No. 1, ISSN: 0193-4120 Page No. 8874 – 8881, 2020.
37.	K.Kumaran, Analysis of bank customers and prediction of bank marketing strategies,International Journal of Advanced Science and Technology, Vol. 29, No. 9s, ISSN: 2005-4238, pp 2796-2806, 2020.
38.	Reena Roy R, Early Detection of stenosis in Coronary Artery using Adaboost and ANN Classification, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-9 Issue-1, DOI: 10.35940/ijitee.A5023.119119, November 2019
39.	S.Thelungu Laxmi, Rukesh A.P,Suravarapu Rahul Reddy, Authenticated Online Voting using Block Chain Technology, TEST Engineering & Management, Vol.83, ISSN:0193-4120 Page No. 8858 – 8865, 2020.
40.	Ravindran K, Designing of Multiplexers using Quantum-Dot Cellular Automata ,TEST Engineering & Management, Vol.83, ISSN: 0193-4120 Page No. 3001 – 3005, 2020.
41.	S.Padmapriya, J.S. Richard Jimreeves, P.Kalaiselvi, A.Nageswaran, S.Arun, Meta classifiers for Predicting the Robotic Navigational Performance, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8, Issue-11S, DOI: 10.35940/ijitee.K1249.09811S19, September 2019
42.	Mr.J Richard Jim Reeves, Design of an IOT based Autonomous vehicle with the aid of computer vision, International Journal of Scientific & Engineering Research Volume 10, Issue 11, ISSN 2229-5518,pp 180-185 November-2019