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PRESENT PROFILE

Designation: Head of the Department

Department: Electronics and Communication Engineering, Keshav Memorial Institute of Technology, Narayanguda, Hyderabad, Pin 500029, India.

Career Highlights:

- ✓ Offering courses on DIP, MP&MC, ESD,OC,CS,LIC,EDC,WSN,POM at graduate and undergraduate levels
- ✓ Guiding graduate and undergraduate projects
- ✓ PhD work: Development of multi-variant feature based on Mammographic image classification using K-Means Clustering
- ✓ Guiding research scholars
- ✓ Published research articles in international and national journals
- ✓ Reviewed various international journal papers

EDUCATION

University :Shri Jagdishprasad Jhabarmal Tibrewala University

Degree: Ph.D

Institution : Anna University/ Annai Mathammal Sheela Engineering College

Degree: M.E- Embedded System Technologies

Institution : Annamalai University

Degree :M.B.A-Human Resource Management

Institution : Anna University / JJ college of Engineering &Technology

Degree : B.E-Electronics& Communication Engineering

Institution : Government Industrial Training Institution

Degree : ITI-Fitter

RESEARCH PAPERS PUBLISHED**International / National Journals**

- ☐ Punitha U. Saravanakumar S., **Julian Savari Antony. S,** PeriasamiG,"International Journal of Business Economics and Management Research", published of the Indian Journals-International Journal of Business Economics and Management Research, vol.2 Issue.12, Pages 185-201, 2012/12. [Indexed in Google Scholar]
- ☐ **S. Julian Savari Antony,** Dr.Samikannu Ravi, "Breast Cancer Detection on Thermogram at Preliminary Stage by Using Fuzzy Inferences System" published in the Journal of Theoretical and Applied Information Technology- Vol.68 No.3- ISSN: 1992-8645, E-ISSN: 1817-3195[SCOPUS SNIP:0.32/SJR:0.151]
- ☐ **S. Julian Savari Antony,** "Development of Efficient Evolutionary Computing Techniques for mammographic Image Classification to Detect Breast Cancer with Genetic Algorithm"-IDEAL - vol. - III Issue - I ISSN 2319 - 359X.
- ☐ **S. Julian Savari Antony,** "Improvement of Efficient Volume Estimation Mammographic Image Classification Based on wavelet Analysis"-Published AJANTA –Vol. - III Issue - IV ISSN 2277 - 5730.
- ☐ **S. Julian Savari Antony,** Dr.S.Ravi," Development of Efficient Image Quarrying Technique for Mammographic Image Classification to Detect Breast Cancer with Supervised Learning Algorithm" Proceedings of the IEEEExplore on Advanced Computing and Communication Systems (ICACCS), 2013 International Conference on 2013, Coimbatore, India, Dec. 2013, Page(s):1 – 7. [Indexed in Google Scholar]
- ☐ **S. Julian Savari Antony,** Dr.S.Ravi," A Knowledge-Based Inferences System for the Early Detection of Breast Cancer" Published of the IJAREEIE- ISSN (Print): 2320 – 3765, ISSN (Online): 2278 – 8875[Indexed in Google Scholar].
- ☐ **S. Julian Savari Antony,** Dr.S.Ravi," A New Approach to Determine the Classification of Mammographic Image Using K-Means Clustering Algorithm", Published of the Scientific Research Publishing-International Journal of Advancements in Research & Technology, Volume 4, Issue 2, February -2015 ISSN 2278-7763[Indexed in Google Scholar]
- ☐ **S. Julian Savari Antony,** Dr.S.Ravi," Features Extraction and Adaptive Neuro Fuzzy Inference Systems Classification for False Positives Reduction in Mammographic Images", Published of the International Journal of Electronics Communication and Computer Engineering, Volume 6, Issue 2, ISSN (Online): 2249–071X, ISSN (Print): 2278–4209. [Indexed in Google Scholar]
- ☐ **S. Julian Savari Antony,** "Detected Breast Cancer on Mammographic Image Classification Using Fuzzy C-Means Algorithm", Published of International Journal of Innovations in Engineering and Technology, Volume 4, Issue 4, December -2014 ISSN: 2319-1058.
- ☐ **S. Julian Savari Antony,** Dr.S.Ravi,"Detection Of Masses in Digital Mammograms Using K-Means And Neural Network",Published of

Research India Publications, International Journal of Applied Engineering Research (IJAER), Volume 10, Number 7 (2015) pp. 17643-17656, ISSN: 09739769, 09734562 India, [SCOPUS SJR:0.12]

- ☐ **S. Julian Savari Antony**, "Detection of Tumor Area in Breast Cancer of the Mammographic Images using K-Means" Published of Dynamic Network for Research Works, International Journal of Electrical, Electronic, Computer Science and Engineering (IJECE), Vol. 01, No. 04, pp. 01-09, 2015, ISSN: 2412-5156 (Online), Bangladesh.
- ☐ **Dr.S. Julian Savari Antony**, "Enlargement of Efficient Automatic Volumetric Mammographic Image Classification Based on Robust Features", Published of International Journal of Advanced Research (2016), Volume 4, Issue 6, pp.505-512, ISSN 2320-5407, India [Indexed in Google Scholar]
- ☐ **Dr. S. Julian Savari Antony**, "Graph-Based Density Evaluation for Mammographic Image Classification Based On Intensity Values", Published of International Journal of Advancements in Research & Technology (2017), Volume 6, Issue 3, pp. 11-16 ISSN 2278-7763, India [Indexed in Google Scholar]
- ☐ **Dr. S. Julian Savari Antony**, "Linear Discriminant Analysis Algorithm Using To Detect Mammogram Image Classification with Feature Selection Process", Published in International Journal of Advanced Scientific and Technical Research (2017), Volume 3, Issue 7, pp. 20-31, ISSN 2249-9954, India [Indexed in Google Scholar]
- ☐ **Dr. S. Julian Savari Antony**, "Pectoral Muscle Identification and Detection of Cancer in Mammograms Using Unsupervised Learning Algorithms", Published in International Journal of Research in Advent Technology (2018), Volume 6, Issue 7, Pages 1421-1426, ISSN 2321-9637 India, [UGC Approval Journal]

INTERNATIONAL CONFERENCES

- ☐ **S. Julian Savari Antony**, "Fuzzy Logic Based on Object Identification System for Vision Impaired" Proceedings of the ICACT'13, Tamilnadu, India, 2013.
- ☐ **S. Julian Savari Antony, Dr.S.Ravi**, "Development of Efficient Image Quarrying Technique for Mammographic Image Classification to Detect Breast Cancer with Supervised Learning Algorithm" Proceedings of the IEEE Explore on ICACCS '13, Coimbatore, Tamilnadu, India, 2013.
- ☐ **S. Julian Savari Antony**, "Development of Neuro Fuzzy Approach for Mammography Image Classification" participated in the ICACT'13, Namakkal, Tamilnadu, India, 2013.
- ☐ **S. Julian Savari Antony**, "Development of Efficient Image Extracting Technique for Mammographic Image Classification to Detect Breast Cancer with Hierarchical clustering Algorithm", presented of the 4th International Conference on Competency Building Strategies in Business and Technologies for Sustainable Development'15, Salem, Tamil Nadu, India, 2015.

- ☐ **S.JulianSavari Antony,”** Developmentof Proficient Image Extraction System for Mammogram Image Classification to Detect Breast Cancer With Linear Discriminant Analysis Algorithm “, Proceeding of the Sixth National Conference on Advanced Telecommunication Technologies (NCATT-2015) Tamil Nadu, India, 2015 organized by K.S.R College of Engineering.
- ☐ **S.JulianSavari Antony,”** Graph Based Density Estimation for Mammogram Classification Based on Gray Values “, participated of the International Conference on Electrical, Electronics and Computer Engineering (ICEECE-2015) Tamil Nadu, India, 2015 organized by Vivekanandha College of Engineering for Women.

NATIONAL CONFERENCES

- ☐ **S. Julian Savari Antony,** “Detection of Mammogram Image Classification in Structure Base on K-Means Algorithm” Presented of the RACCESS-2014.
- ☐ **S. Julian Savari Antony,”** Mammography Image classification Using Neuro Fuzzy and Neural Networks for Breast cancer Detection” Participated of the Rural Development: Challenges and opportunities on April 2013.
- ☐ **S. Julian Savari Antony, Dr.S.Ravi,”** A Knowledge-based Inferences System for the Early Detection of Brest Cancer “Proceedings of the ITPED-14 conference 2014.
- ☐ **S.JulianSavari Antony,”** Fractal Modeling and RIOs for the Enhancement of Microcalcification in Digital Mammograms” participated of the Third National Conference Recent Trends In Information, Communication & Power Systems Third On (NCRTIC 2015) Maharaja Engineering College for Women, Perundurai, Tamil Nadu.
- ☐ **S.JulianSavari Antony,”** Well-Separated Clustering Method for Determining the Stage of Breast Cancer Diagnosis in Digital Mammogram” participated of the Third National Conference on Networking and Communication System-NCS’15 –Excel Engineering College, Namakkal, and Tamil Nadu.

ARTICLES REVIEWED

- ☐ Reviewed an article for IEEE Journal of Biomedical and Health Informatics, Journal of Experimental & Theoretical Artificial Intelligence for review and possible publication

AWARDS AND RECOGNITIONS

- ☐ The team leader for E-Yantra Embedded & Robotics Lab (IIT Bombay) in the academic year 2016 -2017.For E-Yantra work, the team has been awarded Class A grade with the cash prize.