

Faculty Member's & Student's Publications

FACULTY : 2019-2020

Name of Faculty	Title of the Paper
Dr.S. Perumal Sankar	"Detection of Diabetic Retinopathy from fundus images using Image pre processing techniques ", Archives of Computational Methods in Engineering(ARCO), SCIE indexed
	"Detection of Hard Exudates Using Evolutionary Feature Selection in Retinal Fundus Images ",Journal of Medical Systems, ISSN 0148-5598 Volume 43(7) DOI:10.1007/s10916-019-1349-7, 07/2019, Springer.
	"A Hybridized ELM for Automatic Micro Calcification Detection in Mammogram Images Based on Multi-Scale Features" ,Journal of Medical Systems, ISSN 0148-5598 Volume 43(7) DOI:10.1007/s10916-019-1349-7, 07/2019, Springer.
	"Design & Simulation of Hybrid Renewable Energy System design by Support Vector Machine Approach" International Journal of Advanced Science & Technology, Vol no: 3(2020),pp 2960-2970
	Multisensor Smart Robot for Border Security Surveillance with Human Action Prediction" ,International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN:2278-3075, Volume-8, Issue-10,2019.
	"Lesion Detection Using Segmented Structure Of Retina",Book chapter:Photo Acoustic and Optical Coherence Tomography Imaging: An Application in Ophthalmology
	"Classification Of Fundus Images Using Neural Network Approach",Book Chapter: Deep LearningTechniques & Optimisation Strategies in big data Analysis"
	"Computer aided Detection of Breast cancer on Mammogram:Extreme Machine Neural Network Approach" ,Book chapter :Published by Taylor & Francis Published for the inclusion in the book "Advanced in computerized Analysis in Clinical and Medical Imaging: Edited by J Dinesh peter, Steevan Lawrence Fernandes, Carlos Eduardo Thomaz, Chapter 14), - 2019.
Assoc.Prof.(Dr.) Deepa Elizabeth George	"Design & Simulation of Hybrid Renewable Energy System design by Support Vector Machine Approach", International Journal of Advanced Science & Technology, Vol no: 3(2020),pp 2960-2970
Dr.Gnana Sheela K	"Machine Learning based Health Monitoring System

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	<p>C10:D13D19C10:D12C10:D15C10:D16C10:D18DC10:D12", International Multi-Conference on Computing, Communication, Electrical & Nanotechnology I2CN-2K19, Mangalam College of Engineering, Kottayam, India, April 25-26, 2019</p> <p>An Intelligent Energy Management System using IOT, International Multi-Conference on Computing, Communication, Electrical & Nanotechnology I2CN-2K19, Mangalam College of Engineering, Kottayam, India, April 25-26, 2019</p> <p>"A differential triple band antenna based energy harvest system", International Multi-Conference on Computing, Communication, Electrical & Nanotechnology I2CN-2K19, Mangalam College of Engineering, Kottayam, India, April 25-26, 2019</p> <p>"Comparative Analysis of Conversion for Solar PV fed water pumping Systems", International Journal of Management, Technology And Engineering, Volume-9 Issue-5, July 2019. DOI:16.10089.IJMTE.2019.V9I5.19.28163</p> <p>An Integrated Single-Stage Converter fed Sensor-less Motor Drive, International Journal of Recent Technology and Engineering ISSN NO:2277-3878 Vol 8, pp21-25, 2019 DOI: 10.35940/ijrte.A1185.078219</p>
Asst.Prof.Sajitha.K.S	"IoT based Disaster Monitoring and Management System" ,2019 1st International Conference on Innovations in Information and Communication Technology (ICIICT), DOI: 10.1109/ICIICT1.2019.8741464 Publisher: IEEE
Asst.Prof.Roshni polly	"Palm Vein Authentication Systems", International Journal of Scientific Research & Reviews, Vol no:5 ,Issue:,22018
Asst.Prof.Annie Paul	"The Motion Based Message Conveyor with automatic Glucose Monitoring" ,International Journal of Engineering Sciences and Research Technology.
Asst.Prof.Dhanya.R	"The ROBO MAGIC OF SEWER SHINE", International Journal of Engineering Sciences and Research Technology. ISSN: 2277-9655.DOI: 10.5281/zenodo.2629147
Asst.prof.Shiyon P. Johnson	"Automatic Coconut Plucker", International Journal of Engineering Sciences and Research Technology.