



PH.D VIVA-VOCE COMPLETED

1. S.K.Thangarasu, Research Scholar, Department of Mechatronics Engineering defended his thesis entitled Prediction of single point cutting tool wear with cutting force signals using artificial neural networks on 09.06.2020 under the guidance of Dr.S.Shankar/MTS.
2. N.Priyadharshini, , Research Scholar, Department of EEE defended her thesis entitled State estimation using hybrid kalman filter and optimal placement of phasor measurement unit for an bus Indian utility grid on 09.06.2020 under the guidance of Dr. R.Meenakumari/ EEE.
3. M.Madhan Mohan, Research scholar of Department of EIE defended his thesis entitled Design and development of calibration model for modified cassava starch applications on 16.06.2020 under the guidance of Dr.S.Vijayachitra/EIE
4. J.Vijayalakshmi, Research scholar of Department of ECE defended her thesis entitled Certain investigations on the design of ultra wide band antenna for early detection on human brain tumor in microwave imaging on 19.06.2020 under the guidance of Dr. G.Murugesan/ECE
5. M.Vijay Anand, Research scholar of Department of Mechanical Engineering defended his thesis entitled Assessment and analysis of work related musculoskeletal disorders among occupational laundry shop workers on 18.06.2020.
6. S.Karthikeyan, Research scholar of Department of Civil Engineering defended his thesis entitled Experimental investigation on structural behaviour of concrete using polyethylene terephthalate fibers on 19.06.2020.
7. P.Prabakaran, Research scholar of Department of Mechanical Engineering defended his thesis entitled Experimental study on improving the performance of husk removal in paddy through rubber blend compounds on 23.06.2020.

R&D PROJECTS SACTIONED (2020-2021)

1. Dr.R.Baskar, Food Technology, Dr.C.Maheswari, Mechatronics Engineering and Dr.T.Manikandan, Chemistry received research grant of Rs.10,11,137/- for the project entitled Developing electrical discharge non-thermal plasma (EDNP) based treatment process to achieve environmental compatibility in selected process industry wastewater remediation under AICTE RPS scheme on 20.03.2020, Ref.No.8-208/RIFD/RPS (POLICY-1)/2018-19
2. Dr.B.Meenakshipriya, Dr.R.Parameshwaran and A.Balaji of Mechatronics Engineering received grant of Rs.16,57,016/- for the project entitled

Modernization of robotics and machine vision laboratory for artificial intelligence and deep learning applications with robot operating system (ROS) platform from AICTE-MODROB scheme on 16.05.2020, Ref.No.84-68/RIFD/MODROB /Rural/Policy-1/2019-20

3. Dr.V.Chitra Devi, Dr.R.Baskar, and R.Sorna Prema of Food Technology received grant of Rs.10,57,016/- for the project entitled Modernization of food analysis and quality control laboratory from AICTE-MODROB scheme on 16.05.2020, Ref.No.8-208/RIFD/RPS (POLICY-1)/ 2018-19
4. Dr.S.Vijayachitra, Dr.U.S.Ragupathy, Dr.M.Ponnibala, Dr.S.J.Suji Prasad and C.Aravind of Electronics and Instrumentation Engineering received grant of Rs. 11,96,667/- for the project entitled Development of intelligent automation systems with integration of wireless sensor networks and internet of things (Industry 4.0) from AICTE-MODROB scheme on 16.05.2020, Ref. 84-69/RIFD/MODROB/Rural/Policy-1/2019-20.

REFERRED JOURNAL PUBLICATIONS

1. Kalaivaani, PCD., Dhyaneswar, N., Dineshkumar, P., Srihari, R., and Santhoshkumar, S., (2020). Blockchain technology for efficient management of supply chain. International Journal of Advanced Science and Technology, Vol.29(5), pp.10065-10073.
2. Sivapriya, G., and Keerthika, P., (2020). Identification and classification of defects in tomato weed plants using deep convnet. International Journal of Scientific and Technology Research, Vol.9(2), pp.2239-2245.
3. Sangeetha, M., Sagana, C., Manjula Devi, R., Navin, V., Prem, C.S., and Rajkiran N., (2020). Identification of uncertain semantics on social media contents using LSTM, International Journal of Advanced Science and Technology, Vol.29(5), pp.10049-10055.
4. Sangeetha, M., Meeradevi, T., and Suresh, P., (2020). Dimensionality reduction and graph embedding of nonrelational data, International Journal of Advanced Science and Technology, Vol.29(6), pp.10049-10055.
5. Sagana, C., Keerthika, P., Thangatamilan, M., Manovikashini, D., Manokaran, M., and Madhan, K., (2020). Pest localization and recognition using data augmentation and CNN model, International Journal of Advanced Science and Technology, Vol.29(6), pp. 5297-5306.
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7. Latha, R.S., Sreekanth, G.R., Akash, P., Dinesh, B., and Deepak kumar, S., (2020). Brain Tumor classification using SVM and KNN Models for SMOTE based MRI Images, Journal of Critical Reviews, Vol.7(12), pp.1-4.
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 12. Narmatha, C., Thangamani, M., and Jafar Ali Ibrahim, S., (2020). Research scenario of Medical Data Mining Using Fuzzy and Graph theory, International Journal of Advanced Trends in Computer Science and Engineering, Vol. 9(1), pp.349-355.
 13. Saranya, S.S., Santhosh, C., and Vijayakumar, M., (2020). Batch Analytics of data stream and outlier detection in Big data using Multiple classifiers, Journal of Advanced Research in Dynamical & Control systems, Vol.12(3), pp. 1496-1500.
 14. Renukadevi, N.T., and Karunakaran, S., (2020). Optimizing deep belief network parameters using grasshopper algorithm for liver disease classification, International Journal of Imaging Systems and Technology, Vol.30(1), pp.168-184.
 15. Nanthiya, D., Keerthika, P., Gopal, S.B., Karthick, V., Kabish, J., and Arish S., (2020). Anticipation of wormhole attacks by selective routing in wireless sensor networks, International Journal of Scientific and Technology Research. Vol.9(3), pp.6921-6926.
 16. Kavitha Bharathi S., Ramkumar K., and Srihariakash K., (2020). Public intelligence mining and user intention understanding based on K-Anonymity, International Journal of Advanced Science and Technology, Vol. 29(7s), pp. 1338-1342.
 17. Kavitha Bharathi, S., Savitha, K.K., and Nandhu, A., (2020). Classification of Rice Plant Disease using Convolution Neural Network, Test Engineering and Management, Vol. 83, pp. 14585 -14589.
 18. Kavitha Bharathi, S., Dhavamani, M., and Srihariakash K.A., (2020). Hybrid Approach for an Analysis of Diabetes and Prediction using Machine Learning Techniques, International Journal of Psychosocial Rehabilitation, Vol.24(8), pp.10485-10491.
 19. Saraswathi, K., Deepana, J., and Sindhu, M., (2020). Performance of Classification Algorithms in Data Mining for Cardiac Disease. International Journal of Advanced Science and Technology. Vol. 29(6), pp. 5168 – 5176.
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