Research   Publications for the year 2020-21

July 1st 2020- 30th June 2021

Academic year	Name of faculty	Title of Paper Published in Journal	Journal Name
	S.Perumal sankar	Detection and classification of breast cancer from digital mammograms using hybrid extreme learning machine Classifier	International Journal of Imaging Systems and Technology 31(8) DOI:10.1002/ima.22484Int J Imaging Syst Technol,September 2020
		Security improvement in block chain technique enabled peer to peer network for beyond 5G and internet of things	Peer-to-Peer Networking and Applications https://doi.org/10.1007/s12083-020-00971-w,Springer Science+Business Media, LLC, part of Springer Nature 2020
		Optimized hybrid classifier for diagnosing diabetic retinopathy: Iterative blood vessel segmentation process	Int J Imaging Syst Technology, 09 September 2020 https://doi.org/10.1002/ima.22482
		Regression Neural network Segmentation approachwith LIDC-IDRI for lung lesion	Journal of Ambient Intelligence and Humanized Computing
		Automated breast cancer detection using hybrid extreme learning machine classifier	Wireless Personal Communication ,Journal of Ambient Intelligence and humanized computing ,Aug 2020

2020-2021	Ms.Deepa Mary Varghese & Mr.Renjith P.K	Hybrid locomotion robot for mine detection and surveillance	Sambhodi,ISSN:2249-6661,Vol-43,No.-02(V),July-Sept 2020
	Dr.Deepa Elizabeth George	Security improvement in block chain technique enabled peer to peer network for beyond 5G and internet of things	Peer-to-Peer Networking and Applications https://doi.org/10.1007/s12083-020-00971-w,Springer Science+Business Media, LLC, part of Springer Nature 2020
		Regression Neural network Segmentation approachwith LIDC-IDRI for lung lesion	Journal of Ambient Intelligence and Humanized Computing
	Dr.Gnana Sheela K	A reduced switch extendable-level inverter-fed open-end winding PMSM drive	Electrical Engineering, Vol 103,2057–2074 , Feb 2021
	Dr. Georgina Binoy Joseph		

Title of Paper Published/presented in conference Proeccedings	Name of Conference	Books/Book Chapter Published	Index SCI/SCOPUS /UGC
			SCIE
			SCIE
			SCIE
			SCIE
			SCIE

	International Conference on Recent Trends in Computer Science & Information Technology ICRCSIT,ISSN: 2249-6661 ,Vol-43, No.-02 (V) July-September (2020)		UGC Care
			SCIE
			SCIE
			SCIE
IOT Based Robot Assisted Living for the Elderly - RALFE	AICTE Sponsored National Conference on Innovations in Communication Networks, Information Security, Embedded Systems and Signal Processing, ICIES2020, 27, 28 August 2020		