

SRM Institute of Science and Technology
College of Engineering and Technology
Department of Electronics and Communication Engineering
Academic Year 2020-2021
Scopus Indexed Publications

Faculty Name	Count	Article title	DOI
Dr. R. Kumar	2	Praneeth, CH NVS, Jaba Deva Krupa Abel, Dhanalakshmi Samiappan, R. Kumar, S. Pravin Kumar, and Patnala Venkat Nitin. "A COMPARISON ON VARIANTS OF LMS USED IN FIR ADAPTIVE NOISE CANCELLERS FOR FETAL ECG EXTRACTION." Biomedical Engineering: Applications, Basis and Communications 32, no. 04 (2020): 2050026.	
		Praneeth CN, Abel JD, Samiappan D, Kumar R, Kumar SP, Nitin PV, "A Comparison On Variants Of LMS Used In Fir Adaptive Noise Cancellers For Fetal ECG Extraction", Biomedical Engineering: Applications, Basis and Communications, 32, 4, Article ID:2050026, Aug 2020	
Dr. J. Selvakumar	1	Dr. J. Selvakumar; Mr. R. Prithiviraj; Mr. Joshua Jafferson; Mr.S. Bashyam. "Spam Detection Of Phishing Websites Using ML". European Journal of Molecular & Clinical Medicine, 7, 4, 2184-2190, November-2020.	
Dr. Diwakar R Marur	1	Projjal Gupta, Diwakar R. Marur, Hashika Kalisetty, and Akanksha Khanna. "A novel secure and high-entropy hardware password manager." Materials Today: Proceedings (2020)	
Dr. S. Dhanalakshmi	1	Praneeth, CH NVS, Jaba Deva Krupa Abel, Dhanalakshmi Samiappan, R. Kumar, S. Pravin Kumar, and Patnala Venkat Nitin. "A COMPARISON ON VARIANTS OF LMS USED IN FIR ADAPTIVE NOISE CANCELLERS FOR FETAL ECG EXTRACTION." Biomedical Engineering: Applications, Basis and Communications 32, no. 04 (2020): 2050026.	https://doi.org/10.4015/S101623722050026X
Dr. M. Sangeetha	1	Manoharan,S. and Natu, P. "Development of a Framework for Collaborative and Personalized Voice Assistant," Electronic Government, an International Journal, vol.17,no. 1, pp. 96-104, Feb.2021	https://doi.org/10.1504/EG.2021.112935

Dr. P. Vijayakumar	1	R.Pavaiyarkarasi,K.Vadivukkarasi,P.Vijayakumar,K.Praveen,R.Nandakumar,N.Rajesh Kumar, "Smart bi-facial solar inverter with effective charging system", Proceedings, Jan 2021. https://doi.org/10.1016/j.matpr.2021.01.836	
Dr. M. Neelaveni Ammal	2	Ch. Raghavendra, M. Neelaveni Ammal, “An Investigation and Implementation of Wideband Dielectric Resonator Antenna for 5G Wireless Communications”, Telecommunications and Radio Engineering, Vol. 79, Issue. 19, pp. 1725-1734, Nov, 2020	
		M.Neelaveni Ammal and B.Ramachandran, “Planar Monopole Ultra Wideband Antenna with Improved Dual Band Rejection”, Telecommunication and Radio Engineering, Vol. 79, No. 20, pp 1813-1821, Nov 2020, DOI: 10.1615 /TelecomRadEng.v79.i20.40	
Dr. P. Malarvezhi	1	Malarvezhi, P., Dayana, R., Subhash Chandra, T.V.S."A comprehensive survey on RF module at 433 MHz for different applications", Lecture Notes in Networks and Systems 130, pp. 57-65, 2021	https://doi.org/10.1007/978-981-15-5329-5_7
Dr. K. Vadivukkarasi	1	R.Pavaiyarkarasi,K.Vadivukkarasi,P.Vijayakumar,K.Praveen,R.Nandakumar,N.Rajesh Kumar, "Smart bi-facial solar inverter with effective charging system", Proceedings, Jan 2021. https://doi.org/10.1016/j.matpr.2021.01.836	https://doi.org/10.1016/j.matpr.2021.01.836
Dr. Vivek Maik	3	Gurushankar, K., Shalini, M., Mariappan, G., Maik, V., & Chinnaiah, K. (2020). Spectroscopic analysis of mollugo pentaphylla, coldenia procumbenns,cassia acutifolia, achranthes aspere. International Journal of Pharmaceutical Research.	
		Jai Iyer, E. C., & Vivek Maik, Suparn Padhi, Sarthak Gupta, S. H. (2020). Image deblurring and super resolution using bilateral filter and sparse representation. Materails Today: Proceedings.	
		Iyer, J., Chitra, E., Maik, V., Padhi, S., Gupta, S., & Honawad, S., "Image Deblurring and Super Resolution using Bilateral Filter and Sparse Representation", Materials Today: Proceedings, 33, 3922-3929, Jan 2020	

Mr. S. Bashyam	1	S. Bashyam and B. Ramachandran, "On The Design Of Dual Layer Compact Frequency Selective Surface For Ism Band Shielding Applications" Journal of Critical Reviews. 7(19): 2851-2855. August -2020	https://doi.org/10.31838/jcr.07.19.348
Ms. T. Theresal	1	Theresal Thangappan , Brintha Therese , Adi Suvarnamma , Gadda Sai Swapna, "Review on Dynamic Bandwidth Allocation of GPON and EPON" JOURNAL OF ELECTRONIC SCIENCE AND TECHNOLOGY, VOL. 18, NO. 4, DECEMBER 2020	
Mr. E. Elamaran	2	E. Elamaran B.Sudhakar "Performance Analysis of Various Resource Allocation Techniques in 5G Cellular Networks" Journal of Advanced Research in Dynamical and Control Systems" Volume:12,issue 6	
		Elamaran E, Sudhakar B,:Efficient Packet Scheduling Technique for Data Merging in Next Generation Networks using Greedy based ANT Algorithm", Annals of the Romanian Society for Cell Biology2021:,Volume 25: Issue 1	
Mr. R. Prithiviraj	1	Dr. J. Selvakumar; Mr. R. Prithiviraj; Mr. Joshua Jafferson; Mr.S. Bashyam. "Spam Detection Of Phishing Websites Using ML". European Journal of Molecular & Clinical Medicine, 7, 4, 2184-2190, November-2020.	
Mrs. A. Jaba Deva Krupa	2	Praneeth, CH NVS, Jaba Deva Krupa Abel, Dhanalakshmi Samiappan, R. Kumar, S. Pravin Kumar, and Patnala Venkat Nitin. "A COMPARISON ON VARIANTS OF LMS USED IN FIR ADAPTIVE NOISE CANCELLERS FOR FETAL ECG EXTRACTION." Biomedical Engineering: Applications, Basis and Communications 22, no. 04 (2020): 2050026.	
		Jain, Paras, C. H. Praneeth, Iragavarapu Kannan, Potluri Harsha Sai, and Jaba Deva Krupa Abel. "Electrocardiogram Beat Classification Using Data Filtration Technique and Support Vector Machine." Journal of Computational and Theoretical Nanoscience 17, no. 8 (2020): 3613-3620.	
Dr. C. T. Manimegalai	1	Manimegalai, C. T., Sabitha Gauni, K. Kalimuthu, and Reshma Bashkaran, "Design and analysis of turbo-coded DCM-OFDM ultra-wideband system with radio-over-fiber and wireless transmission in underwater communication.", Journal of Optics 49, no. 1 (2020): 140-146.	https://doi.org/10.1007/s12596-020-00603-9

Mrs. B. Priyalakshmi	1	B. Priyalakshmi,S.Murugaveni,S.Umamaheswari,"Robokart for visually impaired people",Materials today: Proceedings	https://doi.org/10.1016/j.matpr.2021.01.087
Dr.T.Rajalakshmi	7	U. Snekhaltha, B. Guhan, S. Sowmiya and T. Rajalakshmi, "Analysis of Heel Fissure Therapy using Thermal Imaging and Image Processing," 2020 International Conference on Communication and Signal Processing (ICCSP), Chennai, India, 2020, pp. 0326-0331	https://doi.org/10.1109/ICCSP48568.2020.9182447
		Nasimsha, N., Kumar, G. M., Rajalakshmi, T., & Gafoor, E. R. (2020). AUTOMATED CRADLE WITH INCUBATOR FOR INFANTS. Biomedical Engineering: Applications, Basis and Communications, 32(05), 2050037.	https://doi.org/10.4015/S1016237220500374
		R. B. Venugopal, T. Rajalakshmi, A. Suresh and S. Raj, "EMG based Signal to Control Home Appliances by Partially Paralyzed People," 2020 International Conference on Communication and Signal Processing (ICCSP), Chennai, India, 2020, pp. 422-425	https://doi.org/10.1109/ICCSP48568.2020.9182313
		P. Vijay Sai, T. Rajalakshmi and U. Snekhaltha, "Estimation of Glottal Function based on Electroglottography for Normal and Thyroid Subjects – Hardware Design," 2020 International Conference on Communication and Signal Processing (ICCSP), Chennai, India, 2020, pp. 0342-0347	https://doi.org/10.1109/ICCSP48568.2020.9182307
		Amos, A. Kevin, T. Rajalakshmi, and D. Raja. "Portable non-invasive glucose and haemoglobin level monitoring incorporated along with multi paramonitoring system." IOP Conference Series: Materials Science and Engineering. Vol. 912. No. 6. IOP Publishing, 2020.	https://doi.org/10.1088/1757-899X/912/6/062034
		Natarajan, Gayathri, et al. "A handheld device to monitor physiological changes using sweat." IOP Conference Series: Materials Science and Engineering. Vol. 912. No. 6. IOP Publishing, 2020.	https://doi.org/10.1088/1757-899X/912/6/062036
		Sengupta, T., Snekhaltha, U., & Rajalakshmi, T. (2020, August). SHAKO—Smart Helmet Arduino Kindled Optimization. In IOP Conference Series: Materials Science and Engineering (Vol. 912, No. 6, p. 062023). IOP Publishing.	https://doi.org/10.1088/1757-899X/912/6/062023

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