

SRM Institute of Science and Technology
College of Engineering and Technology
Department of Electronics and Communication Engineering
Academic Year 2021-2022
Scopus Indexed Publications

Faculty Name	Count	Article title	DOI
Dr. Shanthi Prince	1	Jinka Venkata Aravind, Sanjay Kumar, Shanthi Prince, Performance Analysis of UWOC using SISO and SIMO Techniques, Journal of Physics, July 2021, 1964 062025	https://doi.org/10.1088/1742-6596/1964/6/062025
Dr. B. Ramachandran	1	Banu Priya Prathaban and Ramachandran Balasubramanian, "A Proficient RO-RNN Learning Model for Seizure Prediction System", Journal of Cardiovascular Disease Research, Vol. 12, Issue 6, pp 161-166, 2021. (SNIP 1.139)	https://doi.org/10.31838/jcdr.2021.12.06.22
Dr. P. Aruna Priya	3	K Ramamohan Reddy, P. Aruna Priya, Design of Low Power and Failure Free SRAM Cell Using Read Assist Circuits, Journal of Physics: Conference Series 1964 (2021) 062018	https://doi.org/10.1088/1742-6596/1964/6/062018
Dr. P. Aruna Priya		Anilet Bala, P. Aruna Priya, Vivek Maik, Retinal Image Enhancement Using Curvelet Based Sigmoid Mapping of Histogram Equalization, Journal of Physics: Conference Series 1964 (2021) 062034	https://doi.org/10.1088/1742-6596/1964/6/062034
Dr. P. Aruna Priya		Siva Surya Jaya Praveen Bantupalli*, P ArunaPriya, Tanisha Sharma, and R Hariprasad, Modelling of Multigate MOSFET Short Channel Structure for Low Power Application, Journal of Physics: Conference Series 1964 (2021) 062017	https://doi.org/10.1088/1742-6596/1964/6/062017
Dr.T.Ramarao	1	Karam S, Susila M, Sreedevi A G, Rama Rao T; Analysis on the Effects of Materials on Propagation Path in an Indoor Office Environment at 60 GHz; Journal of Physics : Conference Series; Vol.1964, 2021	https://doi.org/10.1088/1742-6596/1964/6/062007
Dr. M. Sangeetha	2	M Sangeetha, Goriparthi Thejaswini, A Shoba, S Santoshi Gaikwad, R T Amretasre and S Nivedita, "Design and Development of a Crop Quality Monitoring and Classification System using IoT and Blockchain," Journal of Physics: Conference Series - Advances in Computational Electronics and Communication Engineering, Vol. 1964 062011, pp. 1-14, 23 July 2021.	https://doi.org/10.1088/1742-6596/1964/6/062011
Dr. M. Sangeetha		Manoharan Sangeetha*, Shreeja Pal and Jayraj Roshan, "Secure and transparent electronic voting system using blockchain," Electronic Government, an International Journal, Vol. 18, No. 3, PP. 381-398, May 2022 .	https://doi.org/10.1504/EG.2022.10039738
Dr.S.Dhanalakshmi	9	Ajisha Mathias , Samiappan Dhanalakshmi , Kumar R , " Sparsity Augmented Restoration of Underwater Images using Compressive Sensing", Journal of Physics: Conference Series, 2021	https://doi.org/10.1088/1742-6596/2007/1/012054
Dr.S.Dhanalakshmi		Sampita Rakshit , Samiappan Dhanalakshmi , Venkatesh Chakravartula , P. Nandini , R. Kumar, "Investigation of Peak Detection Algorithms for Fiber Bragg Grating Interrogation based Sensing Systems for Temperature, Depth and Salinity Measurements", Journal of Physics: Conference Series, 2021	https://doi.org/10.1088/1742-6596/2007/1/012057
Dr.S.Dhanalakshmi		Gayathiri, R. Kumar, Nepolian B, Dhanalakshmi, Pandian V; Design and Optimization of Thermoelectric Devices Toward Geometric Aspects and a Promising Electrode for Room-Temperature Wearable Applications; ECS Journal of Solid-State Science and Technology, July 2021	https://doi.org/10.1149/2162-8777/ac1651
Dr.S.Dhanalakshmi		Hannah P, S Dhanalakshmi, Kumar R; Double Talk Detection in hands-free mobile Communication- A comprehensive survey; July 2021	https://doi.org/10.1088/1742-6596/1964/6/062044
Dr.S.Dhanalakshmi		Hannah Pauline S., Dhanalakshmi S., Kumar R. (2022) Structural Optimization of LMS Adaptive Filter Using Multi-stage Cascaded Configuration. Lecture Notes in Electrical Engineering, Nov 2021, vol 795. Springer, Singapore.	https://doi.org/10.1007/978-981-16-4943-1_8

Dr.S.Dhanalakshmi		S. V. N. S. Vaibhav Ram, Samiappan Dhanalakshmi, "Pulmonary Image Analysis with Computer Vision Using Binary Classification Method for COVID-19 Detection ", Lecture Notes in Networks and Systems,2022, pp 483-491	https://link.springer.com/chapter/10.1007%2F978-981-16-7118-0_41
Dr.S.Dhanalakshmi		Vital, Soumya, Dhanalakshmi, Latha, "Analysis of Carotid Artery Ultrasound Images Using Gabor Filter, Maximally Stable Extremal Regions and Convolutional Neural Network", 2022, April	https://doi.org/10.1007/978-3-030-90724-2_2
Dr.S.Dhanalakshmi		A. Mathias, N. R and S. Dhanalakshmi, "Tracking of Underwater Objects with Occlusion Awareness using an Adaptive DEEP SORT and GMM Approach," OCEANS 2022 - Chennai, 2022, pp. 1-5, doi: 10.1109/OCEANSCennai45887.2022.9775470.	https://doi.org/10.1109/OCEANSCennai45887.2022.9775470
Dr.S.Dhanalakshmi		V. Chakravartula, P. Nandini, R. Narayanamorthi, G. Dooly, D. B. Duraiababu and S. Dhanalakshmi, "Employing the Reflected Amplitude of a Fibre Bragg Grating Sensor for High Resolution Salinity and Depth Measurement," OCEANS 2022 - Chennai, 2022, pp. 1-7, doi: 10.1109/OCEANSCennai45887.2022.9775393.	https://doi.org/10.1109/OCEANSCennai45887.2022.9775393
Dr. P. Vijayakumar		S. Pavithraa,P Vijayakumar,A Web Deployment of Secured ECG Signal Medical Record Transactions using Blockchain ,Annals of the Romanian Society for Cell Biology,9/2021,Vol. 25 No. 6	
Dr. P. Vijayakumar		Vijayakumar Ponnusamy, Sowmya Natarajan, Nandhakumar R, Christopher Clement, Prithiviraj R, Makino Mitsunori, "An IoT- Enabled Augmented Reality Framework for Plant Disease Detection ", Revue d'Intelligence Artificielle ,vol.35,issue3, June,2021	https://doi.org/10.18280/ria.350301
Dr. P. Vijayakumar		S.V.K.R.Rajeswari, Vijayakumar Ponnusamy, Prediction of Diabetes Mellitus Using Machine Learning Algorithm, Annals of the Romanian Society for Cell Biology, June 2021: Volume 25: Issue 5, PP.565-566.	NA
Dr. P. Vijayakumar	7	Vijayakumar Ponnusamy, Diwakar R. Marur, Deepa Dhanaskodi, Thangavel Palaniappan, "Deep Learning-Based X-Ray Baggage Hazardous Object Detection " An FPGA Implementation",Revue d'Intelligence Artificielle, October 2021, vol. 35, No. 5, pp. 431-435.	https://doi.org/10.18280/ria.350510
Dr. P. Vijayakumar		Vijayakumari P, Mathew R, Vijayalakshmi D, Sivakumar R. Dual elliptical core-based photonic crystal sensor for detection of ultra-low-level bioethanol concentration. Journal of Optics. 2022 Feb 4:1-7.	https://doi.org/10.1007/s12596-022-00827-x
Dr. P. Vijayakumar		P.sakthi shunmuga sundaram,K.Vijayan "Sleeping Node Scheduling Method Based Redundant Node Energy Reduction in Wireless Sensor Networks,Smart Innovation,system and technologies,May 2022,Vol 303,602-609	https://doi.org/10.1007/978-981-19-2719-5_57
Dr. P. Vijayakumar		Dilliraj Ekambaram, Vijayakumar Ponnusamy, "Identification of Defects in Casting Products by using a Convolutional Neural Network" IEIE Transactions on Smart Processing and Computing, June 2022, Vol 11, No. 3, Page no. 149	https://doi.org/10.5573/IEIESPC.2022.11.3.149
Dr. A. Ruhan Bevi		Kakumanu Vamsi Sree Sai Ganesh, Low-Cost Pulse Oximeter & Heart Rate Measurement for COVID Diagnosis, Journal of physics, Conference Series, July 2021	https://doi.org/10.1088/1742-6596/1964/6/062035
Dr. A. Ruhan Bevi	3	Bhavadharini, A.Ruhan Bevi, U.Hari, Performance Investigation of digital filters for image enhancement, Journal of Physics, Conference Series, July 2021.	https://doi.org/10.1088/1742-6596/1964/6/062077
Dr. A. Ruhan Bevi		U.Hari, A.Ruhan Bevi, B.Ramachandran, Performance Analysis of Retinex Based Algorithms for Enhancement of Low Light Images, Journal of Physics, Conference Proceedings, July, 2021	https://doi.org/10.1088/1742-6596/1964/6/062046
Dr. I. Maniula	2	Yogesh Prasad , J. Manjula , "Design of a constant-bandwidth variable-gain amplifier for 5G receivers", Int. J. Systems, Control and Communications, Vol. 13, No. 1, 2022	https://doi.org/10.1504/IJSCC.2022.119706

Dr. J. Manjula	4	K. Lalitha , J. Manjula, "Non-invasive microwave head imaging to detect tumors and to estimate their size and location ", Physics in Medicine , Vol.13, 2022.	https://doi.org/10.1016/j.phmed.2022.100047
Dr. Sabitha Gauni	5	D.Menaka, Sabitha Gauni, C.T.Manimegalai, Kalimuthu.K, "Vision of IoUT: advances and future trends in optical wireless communication"Journal of Optics, July 2021, Vol.no.50, 439-452.	https://doi.org/10.1007/s12596-021-00722-x
Dr. Sabitha Gauni		P Bhanupriya* , Sabitha Gauni, K Kalimuthu, and C T Manimegalai, "A Modified Hybrid Blockchain Framework for Secured Data Transaction"Journal of Physics: Conference Series, Advances in Computational Electronics and Communication Engineering, Vol.No.1964	https://doi.org/10.1088/1742-6596/1964/4/042040
Dr. Sabitha Gauni		Sabitha Gauni,Vuddagiri VamsiKrishna "Smart Liquid Mixing System" Journal of Physics: Conference Series, Advances in Computational Electronics and Communication Engineering, Vol.No.1964	https://doi.org/10.1088/1742-6596/1964/7/072014
Dr. Sabitha Gauni		Sabitha Gauni, Ankit Bastia, B.Sohan Kumar, Prakhar Soni, Vineeth Pydi "Translation of Gesture-Based Static Sign Language to Text and Speech" Journal of Physics: Conference Series, Advances in Computational Electronics and Communication Engineering, Vol.No.1964	https://doi.org/10.1088/1742-6596/1964/6/062074
Dr. Sabitha Gauni		Vijay Kumar Gowda, Sabitha Gauni,Vivek Maik "Diffraction Based Image Synthesis" Journal of Physics: Conference Series, Advances in Computational Electronics and Communication Engineering, Vol.No.1964	https://doi.org/10.1088/1742-6596/1964/6/062013
Dr. K. Kalimuthu	6	Kalimuthu, K., et al. "Healthcare Technology with Flexible Smash Crystal Access Management System." Journal of Physics: Conference Series. Vol. 1964. No. 6. IOP Publishing, 2021	https://doi.org/10.1088/1742-6596/1964/6/062080
Dr. K. Kalimuthu		Suseela, K., and K. Kalimuthu. "An efficient transfer learning-based Super-Resolution model for Medical Ultrasound Image." Journal of Physics: Conference Series. Vol. 1964. No. 6. IOP Publishing, 2021	https://doi.org/10.1088/1742-6596/1964/6/062050
Dr. K. Kalimuthu		Raj, PL Joseph, and K. Kalimuthu. "Analysis of Ultrasound Transducer Probe and Alternate Material for Its Foot Print." Journal of Physics: Conference Series. Vol. 1964. No. 6. IOP Publishing, 2021.	https://doi.org/10.1088/1742-6596/1964/6/062026
Dr. K. Kalimuthu		Bhanupriya, P., et al. "A Modified Hybrid Blockchain Framework for Secured Data Transaction." Journal of Physics: Conference Series. Vol. 1964. No. 4. IOP Publishing, 2021.	https://doi.org/10.1088/1742-6596/1964/4/042040
Dr. K. Kalimuthu		Balarengadurai, C., et al. "Community-Friendly and Cost-Effective Monitoring Device for Environmental Pollution Using IoT." Journal of Physics: Conference Series. Vol. 1964. No. 4. IOP Publishing, 2021.	https://doi.org/10.1088/1742-6596/1964/4/042030
Dr. K. Kalimuthu		Menaka D, Gauni S, Manimegalai CT, Kalimuthu K. Vision of IoUT: advances and future trends in optical wireless communication. Journal of Optics. 2021 Jun 22:1-4.	https://doi.org/10.1007/s12596-021-00722-x
Dr. C. T. Manimegalai	7	An Experiment for Remote optical powering in hazardous/disaster environments using Power over Double clad fiber	https://doi.org/10.1007/s12596-021-00716-9
Dr. C. T. Manimegalai		A Bat Optimized Reliable Elm (Bore) For an Efficient Throughput of Cap-VLC System	https://doi.org/10.1088/1742-6596/1964/6/062039
Dr. C. T. Manimegalai		kavitha .manimegalai CT A Photonic Based Multiband Signal Generation, Transmission and processing for 5G ROF front-haulJournal of Physics: Conference Series, A Volume 1964, Advances in Computational Electronics and Communication Engineeringvolume1964I	https://doi.org/1964.062040
Dr. C. T. Manimegalai		Menaka, D., Gauni, S., Manimegalai, C.T. <i>et al.</i> Vision of IoUT: advances and future trends in optical wireless communication. <i>J Opt</i> 50 , 439–452 (2021). https://doi.org/10.1007/s12596-021-00722-x	https://doi.org/10.1007/s12596-021-00722-x
Dr. C. T. Manimegalai		Prakash V,C. T. Manimegalai," Data security using RTL algorithm with chaos synchronization for VLC system", Journal of Optics, 10.1007/s12596-022-00838-8, March 2022.	https://doi.org/10.1007/s12596-022-00838-8

Dr. C. T. Manimegalai		C. T. Manimegalai , Himanshu Thakur ,Hemanga Bhatta, Afaan Iliyas, Analysis of data transmission in underwater optical wireless communication in vertical channelsJ Opt (2022). https://doi.org/10.1007/s12596-022-00880-6 May 2022.	https://doi.org/10.1007/s12596-022-00880-6
Dr. C. T. Manimegalai		C. T. Manimegalai1 , Hemanga Bhatta1 ,Himanshu Thakur1 ,Afaan Iliyas1, Channel modeling for UWOC: a simulation approach. J Opt (2022). https://doi.org/10.1007/s12596-022-00854-8 April 2022..	https://doi.org/https://doi.org/10.1007/s12596-022-00854-8
Dr. T. Deepa	2	M Maria Dominic Savio1*, T Deepa1 , Anudeep Bonasu2 , and Talluru Sai Anurag, Image Processing For Face Recognition Using HAAR, HOG, and SVM Algorithms, Journal of Physics: Conference Series, 1964 (2021) 062023	https://doi.org/10.1088/1742-6596/1964/6/062023
Dr. T. Deepa		Covid Precaution System Using Mask Identification And Non Invasive Temperature Detection Journal of Huazhong University of Science and Technology, June 2021,Vol.50(5).	NA
Dr. J. Subhashini	2	Payal soni, Subhashini,"Future smart grid communication-deployment of IoT: opportunities and challenges",vol.23,no.1,pp.14-22,July 2021	https://doi.org/10.11591/ijeecs.v23.i1.pp14-22
Dr. J. Subhashini		Subhashini J.;Sharma, Aayush A.;Dutta, Budhaditya, Vijay, Varnit ;Verma, Shivam, "Voice-controlled movable smart dustbin", AIP Conference Proceedings,Volume 23579 ,May 2022	https://doi.org/10.1063/5.0080551
Dr. M. Susila	1	Karam Shehade, M Susila, A G Sreedevi and T Rama Rao, Analysis on the Effects of Materials on Propagation Path in an Indoor Office Environment at 60 GHz, July 2021, Vol.1964, Issue No. 6, p. 062007	https://doi.org/10.1088/1742-6596/1964/6/062007
Dr. P. Malarvezhi	1	Rajesh Kumar T*, Vijendra Babu D, Malarvezhi P , Velu C M, Haritha D , and Karthikeyan C,Boltzmannâ€œDirichlet Process Mixture: A Mathematical Model speech Recognition, Journal of Physics: Conference Series, July (2021), 1964 , 042039	https://doi.org/10.1088/1742-6596/1964/4/042039
Dr. T. Rajalakshmi	5	Bhargavee Guhan, S. Sowmiya, Bukka Shivani, U. Snehalatha and T. Rajalakshmi, "AUTOMATED SEGMENTATION OF COVID-19 REGIONS FROM LUNG CT IMAGES USING WATERSHED ALGORITHM AND CLASSIFICATION USING MACHINE LEARNING CLASSIFIERS", Biomedical Engineering: Applications, Basis and Communications, October 2021	https://doi.org/10.4015/S1016237222500028
Dr. T. Rajalakshmi		Akella S. Narasimha Raju, Kayalvizhi Jayavel , T.Rajalakshmi â€œIntelligent recognition of colorectal cancer combining application of computer-assisted diagnosis with deep learning approachesâ€œ; International Journal of Electrical and Computer Engineering (IJECE), Vol. 12, No. 1, February 2022, pp. 738~747	http://doi.org/10.11591/ijece.v12i1.pp738-747
Dr. T. Rajalakshmi		Raju, A. S. N., Jayavel, K., & Rajalakshmi, T. (2022). An IoT-Enabled Healthcare System: Auto-predictive Colorectal Cancer with Colonoscopy Images Combined with the Convolutional Neural Network. In High Performance Computing and Networking (pp. 283-294). Springer, Singapore.	https://doi.org/10.1007/978-981-16-9885-9_24
Dr. T. Rajalakshmi		Rajalakshmi, S., Pauline, A. R. R., Rajalakshmi, T., & Snehalatha, U. (2022, April). A lung tumor detection technique using gradient vector flow algorithm. In AIP Conference Proceedings (Vol. 2405, No. 1, p. 020004). AIP Publishing LLC.	https://doi.org/10.1063/5.0072457
Dr. T. Rajalakshmi		Natarajan, G., Badhusha, S. S. M., Monisha, R., Rajalakshmi, T., & Snehalatha, U. (2022, April). Detection of face skin cancer using deep convoluted neural network. In AIP Conference Proceedings (Vol. 2405, No. 1, p. 020003). AIP Publishing LLC.	https://doi.org/10.1063/5.0072455
Dr. K. Suganthi	1	K. Suganthi(Faculty) B.Vennila(Faculty)M.S.Abirami(Faculty),"Low Noise Amplifier with current reuse architecture and pre-distortion technique for Nanoelectronic Sensors Operating at 2.4GHz ", Journal of Nano-and Electronic Physics,June 2022,Vol. 14 No 3, 03006(5pp).	https://doi.org/10.21272/inep.14(3).03006

Dr. K. Vijayan	1	P.sakthi shunmuga sundaram, K.Vijayan "Comparison of the routing algorithms based on average location error and accuracy in WSN" Lecture notes in Electrical engineering, June 2022 ,886,411-423.	https://doi.org/10.1007/978-3-030-98886-9_32
Dr. M. Neelaveni Ammal	1	Ch. Raghavendra, M. Neelaveni Ammal, "Design and Implementation of Dielectric Resonator Antenna Array for Satellite Applications"; Journal of Physics - Conference Series, Vol. 1964, Issue. 06 (062055), July 2021.	https://doi.org/10.1088/1742-6596/1964/6/062055
Dr. V. Sarada	1	C M Sri Priya and V Sarada , "Synchronized Multi-Rate Test Pattern Generation Using Hybrid Twisted Ring Counter and LFSR for BIST Application "Journal of Physics: Conference Series 1964 (2021) 062012 IOP Publishing doi:10.1088/1742-6596/1964/6/062012	https://doi.org/10.1088/1742-6596/1964/6/062012
Dr. E. Chitra	1	FP Mahimai Don Bosco, E. Chitra, and S. Ryan Ebenezer. "A Survey of Low-Latency IoT System Using FPGA Accelerator." In Journal of Physics: Conference Series, 2021, vol. 1964, no. 6, p. 062014. IOP Publishing.	https://doi.org/10.1088
Mr. E. Sivakumar	1	Ellusamy Sivakumar, & Ramachandraan Balasubramanian. "Electronically Controlled Reconfigurable Antenna for Polarization Diversity" International Journal on Communications Antenna and Propagation (IRECAP) [Online], Vol.11, No.4, pp 261-270, 2021. Web. On 26 Oct. 2021. (SNIP 0.574)	https://doi.org/10.15866/irecap.v11i4.20258
Mrs. S. Kolangiammal		S.T.Aarthy.S.Kolangiammal,Ukendran G,Design and Implementation of 7 Stage Bandstop Filter for Wireless Modem,Journal of Physics:Conference Series ,August 2021,1979,012010,Page no:1-8	https://doi.org/10.1088/1742-6596/1979/1/012010
Mrs. S. Kolangiammal		Sneha Agrawal,S.T.Aarthy,S.Kolangiammal.Development of Advanced Healthcare System in Ambulance Using IOT Environment,Journal of Physics:Conference Series,July.2021,1964,062021,PP 1-6	https://doi.org/10.1088/1742-6596/1964/6/062021
Dr. S. Bashyam	1	P Janakiram, Srighakollapu Ajith, S Bashyam, G Kamal Nikhil, and R Akhil Teja "Design and Analysis of Frequency Selective Surface for Ism and Lower Ultra-Wideband Antenna" Journal of Physics: Conference Series, Volume 1964, Advances in Computational Electronics and Communication Engineering. doi:10.1088/1742-6596/1964/6/062019.	https://doi.org/10.1088/1742-6596/1964/6/062019
Dr.. K. Harisudha	1	Harisudha Kuresan, Dhanalakshmi Samiappan, "Genetic algorithm and principal components analysis in speech-based Parkinson's early diagnosis studies", International Journal of Nonlinear Analysis and Applications, Jan 2022, 13 (2022) No. 1, 591-602	https://doi.org/10.22075/IJNAA.2022.5541
Mrs. S.T. Aarthy	2	S.T. Aarthy1, S. Kolangiammal1 and G Ukendran1 , Journal of Physics: Conference Series, Volume 1979,1742-6596	https://doi.org/10.1088/1742-6596/1979/1/012010
Mrs. S.T. Aarthy		Sneha Agrawal* , S T Aarthy, and S Kolangiammal,Development of Advanced Healthcare System in Ambulance using IoT Environment,July 2021,1964,062021,1-6	https://doi.org/10.1088/1742-6596/1964/6/062021
Mr. A. Joshua Jafferson	1	A. Joshua Jafferson, Vijayakumar Ponnusamy, Jovana Jovic, and Miroslav Trajanovic; An IoT based Cloud EEG Signal Analytic Framework for Thought to Text Mapping. IEIE Transactions on Smart Processing and Computing, June 2021,vol. 10, no. 3, Page 183-188.	https://doi.org/10.5573/IEIESPC.2021.10.3.183
Mrs. M.K. Srilekha	1	Ajith SK, Srilekha MK. IOT Based Energy System in a Facts of Principle Intrusion on Power Administration. Materials Today: Proceedings. 2021 Jul 19.	https://doi.org/10.1016/j.matpr.2021.06.461
Mrs. R. Bhakkiyalakshmi	1	R Bhakkiyalakshmi and M S Vasanthi, A Simple Multiband Microstrip Circular Ring Antenna for Wimax, Wlan, X, and Ku Band Applications, Journal of Physics: Conference Series, July 2021, Vol. 1964, No. 6, p. 062045	https://doi.org/10.1088/1742-6596/1964/6/062045
Mr. M. Maria Dominic Savio	1	M Maria Dominic Savio, T Deepa, Anudeep Bonasu and Talluru Sai Anurag, Image Processing For Face Recognition Using HAAR, HOG, and SVM Algorithms ,july 2021 ,1964, 6, 062023	https://doi.org/10.1088/1742-6596/1964/6/062023
Mrs.D. Vijayalakshmi		Vijayalakshmi, D., C. T. Manimegalai, and N. Ayyanar. "Spiral Structured Photonic Crystal Fiber-Based Plasmonic Sensor with Bimetallic Coating." In Journal of Physics: Conference Series, vol. 1964, no. 6, p. 062060. IOP Publishing, 2021.	https://doi.org/10.1088/1742-6596/1964/6/062060

Mrs.D. Vijayalakshmi	3	Vijayalakshmi, D., 2022. Photonic crystal fiber-based skin cancer sensor. Journal of Optics, pp.1-7.	https://doi.org/10.1007/s12596-021-00801-z
Mrs.D. Vijayalakshmi		Vijayalakshmi, Dhinakaran, C. T. Manimegalai, and Praveena Selvakumar. "Bi-core photonic crystal fiber for blood component detection." Journal of Optics (2022): 1-8.	https://doi.org/10.1007/s12596-022-00848-6
Mrs. S. Hannah Pauline	3	S. Hannah Pauline, Samiappan Dhanalakshmi, 'Double Talk Detection in hands-free mobile Communication- A comprehensive survey' R.B. Kumar,' Journal of Physics: Conference Series, July 2021, 1964(2021), 062044	https://doi.org/10.1088/1742-6596/1964/6/062044
Mrs. S. Hannah Pauline		Hannah Pauline S., Dhanalakshmi S., Kumar R. (2022) Structural Optimization of LMS Adaptive Filter Using Multi-stage Cascaded Configuration. Lecture Notes in Electrical Engineering, Nov 2021, vol 795. Springer, Singapore.	https://doi.org/10.1007/978-981-16-4943-1_8
Mrs. S. Hannah Pauline		S. Hannah Pauline, S. Dhanalakshmi, R. Narayanamoorthi, A Low-Complexity Underwater Acoustic Signal Denoising Technique based on Multi-Stage Adaptive Filter Configuration, Oceans conference record (IEEE) , June 2022	https://doi.org/10.1109/OCEANSCennai45887.2022.9775479
Ms. A. Ramya	1	Ramya, Kumar, Dhanalakshmi, "Optimization and Performance Evaluation of Apodization Function for Fiber Bragg Grating as Vital Sign Sensor", IFMBE Proceedings, April 2022	https://link.springer.com/chapter/10.1007/978-3-030-90724-2_37
Mrs.R.Monika	2	R. Monika, Samiappan Dhanalakshmi, R. Kumar, " Perceptual Energy Weight Matrix Based Adaptive Block Compressed Sensing for Marine Image Compression", Lecture Notes in Networks and Systems, 2022, pp 589-597	https://link.springer.com/chapter/10.1007%2F978-981-16-7118-0_51
Mrs.R.Monika		R. Monika, R. Senthil, R. Narayanamoorthi and S. Dhanalakshmi, "Perceptual Variance Weight Matrix based Adaptive Block Compressed Sensing for Marine Image Compression," OCEANS 2022 - Chennai, 2022, pp. 1-5, doi: 10.1109/OCEANSCennai45887.2022.9775497.	https://doi.org/10.1109/OCEANSCennai45887.2022.9775497
Dr. Sandeep Kumar P	3	Avinash Gollapalli, P Sandeep Kumar ¹ , G Rokkesh, S Nithish, Vishal Hirawat and Rahul, Design of Compact Multiband Antenna, J. Phys.: Conf. Ser. 1964 062006, July 2021	https://doi.org/10.1088/1742-6596/1964/6/062006
Dr. Sandeep Kumar P		Anshuman Mishra, P Sandeep Kumar, Rikesh Shrestha, K Malathi and Kanaparthi V Phani Kumar, Design and Analysis of Compact Diversity Antenna for Wearable Applications, J. Phys.: Conf. Ser. 1964 062033, July 2021	https://doi.org/10.1088/1742-6596/1964/6/062033
Dr. Sandeep Kumar P		Parvathy Gireesh, P Sandeep Kumar, K Malathi, Ishani Khanra, Aakansha Agarwal and Kaushika Sivakumar, Design and Analysis of Dual Port Super WideBand Antenna Set for MIMO Applications, J. Phys.: Conf. Ser. 1964 062051, July 2021	https://doi.org/10.1088/1742-6596/1964/6/062051
Dr. Vivek Maik	2	I. Vijaykumar Gowda Sabitha Gauni Vivek Maik, Diffraction Based Synthesis, Journal of Physics: Conference Series, Volume 1964, Advances in Computational Electronics and Communication Engineering ,	https://doi.org/10.1088/1742-6596/1964/6/062034
Dr. Vivek Maik		Laya Tojo, Vivek Maik, Gurushankar, Manju Devi , Deblurring Algorithm Using Alternating Low Rank Augmented Lagrangian with Iterative Priors, Journal of Physics: Conference Series, Volume 1964, Advances in Computational Electronics and Communication Engineering	https://doi.org/10.1088/1742-6596/1964/6/062034
Dr. Kanaparthi V Phani Kumar	1	Mishra, Anshuman, P. Sandeep Kumar, Rikesh Shrestha, K. Malathi, and Kanaparthi V. Phani Kumar. "Design and Analysis of Compact Diversity Antenna for Wearable Applications." In Journal of Physics: Conference Series, vol. 1964, no. 6, p. 062033. IOP Publishing, 2021.	https://doi.org/10.1088/1742-6596/1964/6/062033
Dr. C. Vimala	2	Krithika Vaidyanathan , Nandhini Murugan , Subramani Chinnamuthu , Sivashanmugam Shivasubramanian, Surya Raghavendran , Vimala Chinnaiyan, Design and development of DrawBot using image processing, International Journal of Electrical and Computer Engineering ,Vol. 12, No. 1, February 2022, pp. 365~375.	http://doi.org/10.11591/ijece.v12i1.pp365-375

Dr. C. Vimala		Corrupted Image Enhancement Through WaveNet: A Hybrid Approach,Lecture Notes in Electrical Engineering (LNEE),	https://doi.org/10.1007/978-981-16-4943-1_4
Dr. S. Umamaheswari		S.Umahaheswari 1, VijayAnanth2, Mallidi Manikandha Reddy3, Mathew Rajan4, Reshmi S Kumar5, Ruban shaji, Development of Auto Photo Biomodular Therapy Robot,Journal of Physics: Conference Series,13th September and 2021, 2007.	https://iopscience.iop.org/article/10.1088/1742-6596/2007/1/012055