MKSSS's
Cummins College of Engineering for Women, Pune
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

Instrumentation and Control Department

SCOPUS indexed Journals

	Academic Year : 2021-22
1	Y. G. Adhav, D. N. Sonawane and C. Y. Patil, "Novel Micro Sensor based Air Purge System for the Online Measurement of the Specific Gravity for Lead-Acid Batteries", Advances In Technology Innovation. (SCOPUS)
	Academic Year : 2020-21
1	Dr. Revati Shriram , Dr. Nivedita Daimiwal, "Study of Electrical Brain Signal during Verbal Cognitive Assignment" ,Biomedical & Pharmacology Journal, Vol. 13(3),Sep-20 https://dx.doi.org/10.13005/bpj/1987,Pp 1195-1205
2	Dr. Vaishali Upadhye, Dr. A. K. Joshi, Dr. Swati Madhe, " Design of LOW cost IOT Enabled Universal Wiring Hardness Tester" Journal of Critical Reviews,2020, Vol. 7 (18), Jul-20, ISSN- 2394-5125, doi:10.31838/jcr.07.18.190, Pp 1476-1481
3	Dr. Vaishali Upadhye, Dr. A. K. Joshi, Dr. Swati Madhe, "Design of Portable Air Purge Level Transmitter with Built-in Calibration Feature", IOP Conference Series: Materials Science and Engineering, Vol 1012(2021), Jan 2021, doi:10.1088/1757-899X/1012/1/012043
	Academic Year : 2019-20
1	Dr. Dipali Ramdasi, Rohini Mudhalwadkar "Quantitative Detection of Nitro Aromatic Explosives using Supervised Learning Access", International Journal of Innovative Technology and Exploring Engineering,Vol. 08, Issue 9S2,ISSN: 2278-3075, July 2019, pp-62-67
2	Dr. Dipali Ramdasi, Rohini Mudhalwadkar, "Detection of Nitrobenzene using a coated Quartz Crystal Microbalance with a Parametric Modelling Approach" , Pertanika Journal of SCIENCE & TECHNOLOGY, Vol 27, No. 4, Oct 2019, pp. 2049-2064
3	Dr. Nivedita Daimiwal, Dr. Revati Shriram, "Power Spectral Density Analysis of Time Series of Functional Magnetic Resonance Image for Different Motor Activity", Biomedical and Pharmacology Journal, Volume-12, No-2, ISSN: 0974-6242 https://dx.doi.org/10.13005/bpj/1748, Sept 2019
4	Dr. Nivedita Daimiwal, Dr. Revati Shriram, "Qualitative Analysis of Brain and Heart Signals using DWT", International Journal of Recent Technology and Engineering (IJRTE), Volume-8, Issue-4, ISSN: 2277-3878, DOI:10.35940/ijrte. D8527.118419, pp : 5747-5752, Nov 2019

	Academic Year : 2018-19
1	Madhe, S.P., Patil, B.D. & Holambe, R.S., "Design of a frequency spectrum-based versatile two-dimensional arbitrary shape filter bank: application to contact lens detection", Pattern Analysis and Application (2018). https://doi.org/10.1007/s10044-018-0764-6
2	Atul K Joshi, Balasaheb M Patre, "Sorting of Portable Small Metallic Components using Machine Learning Techniques", International Journal of Applied Engineering Research, Volume 13, issue 23, 2018, PP 16282-16287.
3	Joshi Atul K, Patre Balasaheb M , "A novel method of flaw detection in a Structure Triggered by Pendulum Impact using Acoustic Resonance Frequency Measurement.", Journal of Information Science and Engineering (JISE), Volume 7, Issue , 2018, PP 1547-1561.
4	Revati Shriram, V. Vijay Baskar, Betty Martin, M. Sundhararajan & Nivedita Daimiwal, "Regression Analysis of Coherence between Concurrent EEG-EEG & EEG-CPPG Signals from Prefrontal Cortex During Music Evoked Emotions", Journal of Information Science and Engineering (JISE), Vol-35, No-3, 2019, ISSN: 1016 – 2364
5	Dr. Nivedita Daimiwal, Dr. Revati Shriram . Power Spectral density analysis of time series of pixel of functional magnetic resonance image for different motor activity. Biomedical and Pharmacology, September 2019 Vol 12(3). P.1193-1200.
	Academic Year : 2017-18
1	Dr. Nivedita Daimiwal, Dr. Revati Shriram. Design of Optical System for Measurement of SpO2 using Systolic Amplitude based Photoplethysmography Signal. Biomedicine , 2018,38(2),pp249-253.scopus Indexed
2	Dipali Ramdasi, Rohini Mudhalwadkar, 'Detection of Nitro-aromatic Explosives with Parametric Regression Modelling Approach' at International Journal of Control and Automation, Scopus Indexed, June 2018, Vol. 11, No. 6, pp.13-24
3	Dipali Ramdasi, Rohini Mudhalwadkar, 'Thin Film Sensor Materials for Detection of Nitro-Aromatic Explosives', IOP Conference Series: Materials Science and Engineering, Scopus Indexed, March 2018, Vol 323, No. 1, pp. 12003
4	Hajare, V.D., Patre, B.M., Khandekar, A.A. et al. Decentralized PID controller design for TITO processes with experimental validation. Int. J. Dynam. Control 5, 583–595 (2017)
5	Vaishali Upadhye, Sudhir Agashe, Effect of Temperature and Pressure on the Thickness Mode Resonant Spectra of Piezoelectric Ceramic, International journal IOP Conference Series: Materials Science and Engineering 225 no.1(2017): 012125.
	Academic Year : 2016-17
1	Vaishali Upadhye, Sudhir Agashe, "Effect of Temperature and Pressure Variations on the Resonant Frequency of Piezoelectric Material" International Journal of Measurement and Control 49 no. 9(2016): 286-292.
2	Asmita T. Wakankar, G. R. Suresh, 'Automatic Diagnosis of Breast Cancer using Thermographic Color Analysis and SVM Classifier' Intelligent Systems Technologies and Applications 2016, 2016, Volume 530,ISBN : 978-3-319-47951-4

3	Madhe, S.P., Patil, B.D. & Holambe, R.S., 'On the Design of arbitrary Shape Two-Channel Filter Bank using Eigen filter Approach', Circuits, Systems, and Signal Processing (Springer), pp. 1-12, Published Online: 23 February 2017
4	V.D. Hajare, A.A. Khandekar, B.M. Patre, Discrete sliding mode controller with reaching phase elimination for TITO systems, ISA Transactions, Volume 66, 2017, Pages 32-45.
5	Revati Shriram, Betty Martin, M. Sundhararajan & Nivedita Daimiwal, "Future of CPPG-EEG Concurrent Modality", International Journal on Intelligent Electronic Systems, January 2017, Vol-11, Issue-1, pp: 19-26, ISSN: 0973 – 9238
6	Revati Shriram, M. Sundhararajan, Supriya Shete & Nivedita Daimiwal, "Statistical Features based comparison of Analysis and Synthesis of Normal and Epileptic Electroencephalogram for various Wavelets", Turkish Journal of Electrical Engineering and Computer Science, May 2017, Vol-25, No-3, pp: 1795 – 1806, ISSN: 1300 – 0632
7	Nivedita Daimiwal ,Dr. Betty Martin, Dr. M. Sundhararajan, Revati Shriram. Design and implementation of cranial PPG sensor for brain mapping using fMRI as gold standard. International Journal on Intelligent Electronics Systems, Vol. 11 No.1 January 2017.
Academic Year : 2015-16	
1	V.D. Hajare, B.M. Patre, Decentralized PID controller for TITO systems using characteristic ratio assignment with an experimental application, ISA Transactions, Volume 59, 2015, Pages 385-397.
2	Gawande, Jayanand & Rahulkar, Amol & Holambe, Raghunath. (2015). Design of new class of regular biorthogonal wavelet filter banks using generalized and hybrid lifting structures. Signal, Image and Video Processing. 9. 10.1007/s11760-015-0814-0.
3	Hajare, V.D., Patre, B.M., Khandekar, A.A. et al. Decentralized PID controller design for TITO processes with experimental validation. Int. J. Dynam. Control 5, 583–595 (2017). https://doi.org/10.1007/s40435-016-0252-z
4	Jayanand P. Gawande, Amol D. Rahulkar, Raghunath S. Holambe,' A new approach to design triplet half-band filter banks based on balanced-uncertainty optimization', Digital Signal Processing, Elsevier Volume 56, 2016, Pages 123-131, ISSN 1051-2004, https://doi.org/10.1016/j.dsp.2016.06.001.
Academic Year : 2014-15	
1	Asmita T. Wakankar, G. R. Suresh, Study of Infrared Thermography as a Diagnostic Tool for Breast Cancer Detection', International Journal of Applied Engg. Research,
2	Nivedita Daimiwal , Dr.M.Sundhararajan , Revati Shriram .NIRS Based PPG Sensor For Detection of Oxy –Hb and Deoxy-Hb Change During Activity. International Journal of Applied Engineering Research, Research India Publications, pp. 17347-17356, Volume 10, Number 7 (2015).(ISSN 0973-4562)(SNIP:0.260, SJR: 0.130,IPP: 0.105).
Academic Year : 2013-14	

1	Prof. A.D. Gaikwad, Prof. J. P. Gawande, Prof. A. K. Joshi, Chile, R.H., "An Intensity modulated Optical fibre sensor with concave mirror for measurement of displacement", Journal of Optics, Official publication of the Optical society of India, published by Springer, Volume 42, Issue 4, Dec.2013, PP 300-306.
Academic Year 2011-12	
1	Ashwini Kulkarni, H. T. Patil, " Determination of Bradycardia and Tachycardia from ECG signal using Wavelet Transform" International Conference on Electronics and Communication Engg. 1,2 Oct 2011.

Non-SCOPUS indexed Journals

	Academic Year : 2021-22
1	Anagha M Panditrao, Manisha Narawane, 'Water Management in Agriculture Keeping in View Frequent Power Failure Problem in Rural India' Journal of Instrumentation Technology and Innovations, Vol 11, No 3 (2021) , DOI (Journal): 10.37591/JoITI
	Academic Year : 2020-21
1	Ankita Deokate, Kshitija Karale, Suvidha Sawant, Prof. Yashwant Adhav, 'IoT based Accident Detection & Tracking System A Contribution towards Smart City' International Journal of New Technology and Research (IJNTR) ISSN: 2454-4116, Special Issue VIT Campus, June 2021 Pages 1411-1416
2	Shreya Adsul, Sayali Kulkarni, Saniya Godbole, Manisha Narwane, "International Journal of New Technology and Research (IJNTR)",ISSN: 2454-4116, Special Issue VIT Campus, June 2021, Pages 39-42
	Academic Year : 2018-19
1	Laxmi Munot, Nikita Bolbhat, Pratiksha Lokhande, Shweta Kharge, Prof. Y. G. Adhav," Automatic Pipe Cutting Machine " International Journal of Scientific Research and Review , ISSN NO: 2279-543X ,Volume 8, Issue 6, 2019, Page no. 676 -679
	Academic Year : 2017-18
1	Revati Shriram, Betty Martin, M. Sundhararajan & Nivedita Daimiwal, "Comparison of Acceleration Plethysmogram Acquired using Optical Signal and Pressure Signal", International Journal of Signal Processing, Image Processing and Pattern Recognition, September 2017, Vol-10, No-9, pp: 57-68, ISSN: 2005 – 4254
2	Shubhangi Dighe, Ms. Revati Shriram, 'Dental Biometrics :A technique for Human Identification', International Journal of Nano-Technology and Applications, Vol. 5, No.4 Pp: 549-556, ISSN 0973-631X, Dec 2017
3	Nivedita Daimiwal, Revati Shriram,"Wavelet Approach for Detection of Functional Brain Activity in Prefrontal Lobe using Cranial PPG Sigma",International Journal of Pure and Applied Mathematics Volume 118 No. 17 2018, 123-134
4	Revati Shriram, V. Vijay Baskar, Betty Martin, M. Sundhararajan & Nivedita Daimiwal, "Statistical Analysis of Connectivity Measures of Electroencephalogram during Congruent and Incongruent Strop Task", International Journal of Pure and Applied Mathematics, January 2018, Vol-118, No-17, pp: 107-122, ISSN: 1311 – 8080
5	Vishakha Bene, Anagha Panditrao, "Enhancement of Modbus on Power Command Controller board of Genset" International Conference on Emerging Trends in Science, Engineering and Technology (ICETSET-2018), 8th-9th May 2018

	Academic Year : 2016-17
1	Nitin Patil, Prof. R.P. Borse, "VSC Type Sliding Mode Controller Design for Heat Exchanger Process", IJSRD - International Journal for Scientific Research & Development,November 2016
2	Rajashree Pingale, H.T.Patil, " Analysis of Cough Sound for Pneumonia Detection", International Conference on Research Trends in Engineering, Applied Science and Management, May 2017.
3	Nivedita Daimiwal ,Dr. Betty Martin, Dr.M.Sundhararajan , Revati Shriram. Design and implementation of cranial PPG sensor for brain mapping using fMRI as gold standard. International Journal on Intelligent Electronics Systems, Vol. 11 No.1 January 2017.
4	Prof. Mrs. Asmita Wakankar, Lalithakumari S., Suresh G R, "Hotspot Detection in Infrared Breast Thermograms for Disease Identification", i-manager's Journal on Pattern Recognition, Jan 2017,DOI:10.26634/jpr.3.4.13537
5	Revati Shriram, Betty Martin, M. Sundhararajan & Nivedita Daimiwal, "Effect of Source Wavelength on Second Derivative of Finger Photoplethysmogram in Healthy Young Female Volunteers" Biomedical Research- India, December 2016, No-25, pp: S454-S459, ISSN: 0970 - 938X
6	Nivedita Daimiwal , Dr. M. Sundhararajan , Revati Shriram,"Non Invasive Measurement and Analysis of Cardiac Output for Different Age Group Using PPG Sensor", International Journal of Compute applications, 2016, (ISSN: 0975-8887), (ISBN: 973-93-80892-27-1). pp.25-28
	Academic Year : 2015-16
1	Vaishali Kakade, Swati Madhe, 'Vessel Detection and Noise Suppression Methods of Optical Coherence Tomography (OCT) images', International Journal of Modern Trends in Engineering and Research, Volume 2, Issue 7, [July-2015], Special Issue of ICRTET'2015, PP 1171-1176
2	Shweta Sangurmath, Prof. Mrs. Nivedita Daimiwal, Non-Invasive Blood flow Measurement using Optical Sensor,International journal of Engg. Science and Advanced Research,"Vol.- , Issue -3, pp 121-124, "ISSN No. 2395- 0730 ,Sep 2015
3	Sonal Awasthi, Atul Joshi,"Design and Development of Accelerometer Based System for Motion Analysis", International journal of Engg. Science and Advanced Research ,Volume 1, issue 3 [Sept.2015], PP 22-26.
4	Nivedita Daimiwal, Dr. Betty Martin, Dr. M. Sundararajan, Revati Shriram ,"Analysis of radio frequency reflectance type PPG sensor based on systolic amplitude and source wavelength", Biomedical Research 2016; Special Issue:S371-S375,(ISSN:0970-938X) (Impact Factor:0.226)(SNIP:0.225, SJR: 0.162,IPP: 0.315).
	Academic Year : 2013-14
1	Chitrangi Sawant , H. T. Patil, " Performance Comparison of Wavelet based ECG signal Demonising"Published in International Journal of Advance Foundation and Research in Computer (IJAFRC), Volume 1, Issue 5, May 2014. ISSN 2348- 4853.

2	Sukhada Unde & Revati Shriram, "PSD based Coherence Analysis of EEG Signals for Stoop Task", International Journal of Computer Applications IJCA, June 2014, Vol-95, pp-50-55, ISSN: 0975 – 8887
3	Supriya Shete & Revati Shriram, "Statistical Feature based Activity Classification", International Journal of Computer Applications IJCA, June 2014, Vol-96, pp-49-52, ISSN: 0975 – 8887
4	Chitrangi Sawant , H. T. Patil, "Wavelet Based ECG Signal De-noising", International Journal of Scientific Engineering and Technology Research (IJSETR-2014), Volume 03, Issue 09, May 2014. ISSN 2319-8885, pg.:653-1661 .
5	Amruta Deshmukh, Dr. Mrs. Anagha Panditrao, "Automated Leukaemia Detection using Contour Signature in Blood Microscopic Images", International Journal of Research in Computer and Communication Technology, 30 March 2014
6	Snehal Kolapkar , Prof. Asmita Wakankar, " International Journal of Multidisciplinary Educational Research (IJMER)", 2014
7	Rajashree Doshi, Dr. Mrs. Anagha Panditrao,"Optical Sensor system for Haemoglobin Measurement", International Journal of Engineering Research and Application, Volume 03, Issue 07, Issn 2250-3005, July 2013, pp.- 41-45
8	Megha Pande, Atul Joshi,"International Journal of Engineering Research and Application, (IJCER-2015), Volume 5, Issue 4, April 2015, PP2250-3005
9	Anjali Kulkarni, Anagha Panditrao, Feature Extraction for Lung Cancer Detection on CT Scan Images., Published in International Journal of Multidisciplinary Educational Research (IJMER), Vol. 3, Issue 3(11), Pg.132-136,ISSN 2277-7881, March 2014
10	Manisha Narawane, Atul Joshi, "Design and Development of Strain Gauge Based Hand held Spirometer" Exploria Journal, Volume 59, Issue 11,Nov 2012, PP 522-524.
11	Manisha Narawane, Atul Joshi, "Characterization of the Developed Strain Gauge type Sensor for Spirometer", International Journal of Multidisciplinary Educational Research (IJMER), Volume 5, Issue 6, march 2014, PP 41-44.
12	Shital Lahamage, Prof. H. T. Patil,"Breast Cancer Classification with statistical features of Wavelet Coefficient of Mammograms for Breast Cancer Classification"International Journal of Scientific Engg. And Technology Research (IJSETR),ISSN 2319-8885, Vol.03, Issue.06, May-2014, Pages:0920-0926
13	Chitrangi Sawant , H. T. Patil, " ECG Signal Denosing using Wavelet Transformation", International Journal of Modern Engineering Research (IJMER) , March 2014, Vol.4, ISSN:2275-7781, pg: 92-95
	Academic Year : 2012-13
1	Nanda Dave, Atul Joshi, "Tongue cancer detection using impedance analyzer", International Journal,6,7 March 2013
2	Rajshree Doshi, Anagha Panditrao, "Non-Invasive Optical Sensor for Haemoglobin Determination", International Journal of Engineering Research and Applications, Vol. 3, Issue 2, (559-562), March-April 2013.

3	Pragathi Kishore J., H. T. Patil, "Segmentation method for ROI detection in mammographic images using wiener filter and kittler's method" International Journal Feb/May 2013, ISSN: 0975- 8887, International Conference on Recent Trends in engineering & Technology -2013(ICRTET'2013) , pp:27-33
4	Radhika Inamdar, Dipali Ramdasi, 'Segmentation of Short Axis Cardiac MR Images Using PCA with Active Appearance Model', published in International Organization of Scientific Research Journal of Computer Engineering, (IOSRJCE), Volume 7, Issue 6 (Nov. - Dec. 2012), pgs 25-30, ISBN 2278-8727, ISSN 2278-0661
5	Supriya Arote, Prof. Mrs. V.M.Upadhye, Fusion of PET & CT images using wavelet transform, IOSR Journals-International Organization of Scientific Research, ISSN: 2278-0661, ISBN: 2278-8727, PP:00-00, Feb- 2013
6	Arti Yerolkar, Prof. Mrs. S.P.Madhe, Detection of diabetic retinopathy from fundus images using digital image processing, Journal of Instrument Society of India, Vol 42, No.4, ISSN: 0970-9983, Dec 2012
7	Shalaka Abhyankar & Revati Shriram, "Orthopentogram Based Osteoporosis Prediction", International Journal of Engineering Research and Applications (IJERA), November 2012, Vol-2, Issue-6, pp-753-758, ISSN: 2248 – 9622
8	Kajalkar, Rupali & Gaikwad, Ashok. (2013). Colorimetry Based Calcium Measurement. International Journal of Engineering Research and Development,Vol.7, Issue 8,eISSN-2278-067X, p-ISSN:2278-800X, PP-08-11, June-2013
9	Shalaka Abhyankar & Revati Shriram, "Orthopantogram based Evaluation of Osteoporosis by Studying Jaw Bone Changes", International Journal of Computer Applications (IJCA), arch 2013, Vol-66, pp-36-39, ISSN: 0975-8887
10	A. D. Gaikwad1, J. P. Gawande, A. K. Joshi, R. H. Chile, An Intensity-Modulated Optical Fibre Displacement Sensor with Convex Reflector, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 1, Issue 1, pp: 29-34, July 2012
	Academic Year : 2011-12
1	Rutuja Laulkar, Nivedita Daimiwal,"Applications of Finger Photoplethysmography", International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622,Vol. 2, Issue 1, Jan-Feb 2012, pp.877-880
2	Rutuja Laulkar, Prof. Nivedita Daimiwal, International Journal of Nanotechnology and Applications, Vol. 5, No.4, ISSN0973-631X, pp 505-510, 2011
3	Neha Dave, A. K. Joshi, International Journal of Nanotechnology and Applications, Vol. 5, No.4, ISSN0973-631X, pp 453-457, 2011
4	Arati Suryawanshi, A. K. Joshi, International Journal of Nanotechnology and Applications, Vol. 5, No.4, ISSN0973-631X, pp 703-710, 2011
5	Shubhangi Jadhav, Revati Shriram, Journal of Engineering Research and Studies, Vol. III, Issue I, E-ISSN 0976-7916,Jan-Mar 2012

SCOPUS indexed Conference

Academic Year : 2021-22	
1	Shweta Wankhede, Anagha Panditrao, "Development of VOC monitoring System for Newly Painted Buildings" IEEE International Conference on Information Systems and Computer Network", 22-23 October 2021
2	Nivedita Daimiwal, Revati Shriram, Harish Shinde, Radhika Kulkarni, Apeksha Galewad,"Oil quantity analysis usingimage processing","XIX Control Instrumentation System Conference (CISCON-2022)". Conference Dates: 28 – 29 October 2022 at MIT, Manipal.
3	Y. G. Adhav, D. N. Sonawane and C. Y. Patil, "Novel Micro flow Sensor for Air Purge Method to Monitor the State of Charge of Lead Acid Battery," in Intelligent Circuits and Systems , ICICS 2022-4th International Conference of IOP. Scopus Index. Yet to Publish in Journal of Physics (IOP) proceeding (Acceptance received on March 15, 2022)
Academic Year : 2020-21	
1	Dr. Swati Madhe, Dr. Vaishali Upadhye, Dr. A. K. Joshi 'A Novel Portable Programmable Air Purge Level Transmitter' in 1st International Conference on "Robotics, Intelligent Automation and Control Technologies (RIACT 2020)" (Virtual Mode) organized by Vellore Institute of Technology, Chennai between 2nd & 3rd October 2020
2	Soha Kshirsagar, Shamika Ghodke & Revati Shriram, "Ocean Pollution Detection using Image Processing", IEEE ESCI 2021, 5-7th Mar 2021, Pune, India
3	Revati Shriram, Akshata Shinde, Radhika Nibandhe, Anchal Guleria & Rashmi Atre, "Acquisition and Analysis of Skin Impedance in Parkinson's Disease", IC3S 2020, 16th – 18th October 2020, Odisha, India, Springer Book Chapter in LNEE Series, ISBN No: 978-981-334-866-0
4	Sai Kate, Vaishnavi Malkapure, Bhagyashree Narkhede & Revati Shriram, "Analysis of Electroencephalogram during Coloured Word Reading Interference", CISCON 2020, 30th - 31st October 2020, Manipal, Springer Book Chapter in LNEE, Series ISBN No: 978-981-16-0336-5
5	Nivedita Daimiwal & Revati Shriram, "CPPG based Emotion Classification based on Statistical and Eigen Space Features & Performance Analysis of Classifiers", CISCON 2020, 30th - 31st October 2020, Manipal, Springer Book Chapter in LNEE, Series ISBN No: 978-981-16-0336-5
6	Revati Shriram & Nivedita Daimiwal, "Statistical Analysis of Coherence between Electrical and Hemodynamic Brain Signal", CISCON 2020, 30th - 31st October 2020, Manipal, Springer Book Chapter in LNEE Series, ISBN No: 978-981-16-0336-5. First Online 03 Apr 2021

7	Shrinidhi Kulkarni, Neenu George, Jinu James, Sneha Parsewar & Revati Shriram, "Detection of Parkinson's Disease through Smell Signatures", IEEE International Conference on Communication and Signal Processing ICCSP'20, 9th – 11th April 2020, Chennai, Tamilnadu, India
8	Y. G. Adhav, D. N. Sonawane and C. Y. Patil, "Design and Simulation of Capacitive Pressure Sensor for Monitoring Lead Acid Battery Charge," in Control Instrumentation System, CISCON 2021-XVIII Control Instrumentation System Conference of Springer Nature. Scopus Index. Yet to Publish in L.N.E.E (Springer Nature) book chapter (Acceptance received on Oct 11, 2021)

Academic Year : 2019-20

1	Neenu George, Shrinidhi Kulkarni, Jinu James, Sneha Parsewar & Revati Shriram, "Detection of Parkinson's Disease through Speech and Smell Signatures" ICAECT 2020, 24-25 April 2020, Coimbatore, India, Springer Book Chapter in LNEE Series, ISBN No: 978-981-15-9018-4

Academic Year : 2018-19

1	Madhe S.P., Rahulkar A.D., Holambe R.S. (2020) Design of Time-Frequency Localized Filter Bank Using Modified Particle Swarm Optimization. In: Abraham A., Cherukuri A., Melin P., Gandhi N. (eds) Intelligent Systems Design and Applications. ISDA 2018 2018. Advances in Intelligent Systems and Computing, vol 940. Springer, Cham. https://doi.org/10.1007/978-3-030-16657-1_23
2	Madhura Deshmane, Swati Madhe, 'ECG Based Biometric Human Identification using convolution Neural Network in Smart Health Applications' at 4th International Conference on Computing Communication Control and Automation (ICCUBA18) organised by Pimpri Chinchwad College Of Engineering, Pune, on 16th -18th August 2018.
3	Akansha Pole & Revati Shriram, "3-D Medical Image Compression by Using HEVC", IEEE International Conference on Computing Communication Control and Automation, ICCUBEA 2018, 16th – 18th Aug 2018, Pune, India
4	Snehal J. Ujalambe, Swati Madhe 'Glaucoma Detection using Thermal Image Processing' in 3rd International Conference on 'Intelligent Computing and Control Systems (ICICCS 2019)' organized by Vaigai College of Engineering, Madurai, during May 15-17 2019.
5	Jinu James, Neenu George, Shreenidhi Kulkarni, Sneha Pasewar, Revati Shriram & Mrugali Bhat, "Detection of Parkinson's Disease through Speech Signatures", Springer Book Chapter in AISC Series, ISBN No: 978-981-15-1479-1, First online March 2020
6	Vaidehi Deoskar, Pooja Kulkarni, Tewaswini Dhengade, Revati Shriram & Mrugali Bhat, "Workload Assessment based on Physiological Parameters", Springer Book Chapter in AISC Series, ISBN No: 978-981-15-1479-, First online March 2020

Academic Year : 2017-18

1	Apurwa Jagtap & Revati Shriram, "Performance Parameter Based Comparison of Slantlet Transform and Discrete Cosine Transform for Steganography in Biomedical Signals", Springer Book Chapter in LNNS Series, ISBN No: 978 – 981 – 10 – 8203 – 0. First Online 29 Aug 2018

2	Apurwa Jagtap & Revati Shriram, "Performance Parameter based comparison of Various Transforms", IEEE 3rd International Conference on Computing, communication, Control & Automation, ICCUBEA 2017, 17th -18th August 2017, Pune, India
3	Revati Shriram, Betty Martin, M. Sundhararajan & Nivedita Daimiwal, "Statistical Analysis of Derivatives of Cranial Photoplethysmogram in Young Adults", Springer Book Chapter in AISC Series, ISBN No: 978 − 981 − 10 − 8228 − 3, First online
4	Revati Shriram, V Vijay Baskar, Betty Martin, M. Sundhararajan & Nivedita Daimiwal, "Energy Distribution and Coherence based Changes in Normal and Epileptic Electroencephalogram", Springer Book Chapter in SIST Series, ISBN No: 978 − 98 − 13 − 1920 − 4. First Online 2 Oct 2018
5	Nivedita Daimiwal, S. Poornapushpakala, Betty Martin, M.Sundhararajan, Revati Shriram,"Robust Estimation of Brain Functional Connectivity from Functional Magnetic Resonance Imaging using Power, Cross Correlation and Cross Coherence ", ICCII 2017
6	Nivedita Daimiwal, Betty Martin, M.Sundhararajan, Revati Shriram, " Welch's Power Spectral Density of Cranial PPG Signal using AVR ATmega 8535 Micro controller", 2nd International Conference on Smart Computing & Informatics, SCI 2018, 27th -28th January 2018, PVPSIT Vijayawada, India (Indexed Scopus and will appear in Springer SIST Book series).
7	Madhe S., Holambe R. (2019) Convex Optimization-Based Filter Bank Design for Contact Lens Detection. In: Iyer B., Nalbalwar S., Pathak N. (eds) Computing, Communication and Signal Processing. Advances in Intelligent Systems and Computing, vol 810. Springer, Singapore
8	Ms. Sushreesmarika Behera, Dr. Anagha Panditrao, Ms.Pratima Kulkarni, Designing of Thermal Cycle for PCR, 3rd International Conference on Computing, Communication, Control and Automation (ICCUBEA 2017), 17 and 18August2017
9	Tejashree Sonwane, H.T.Patil, " Clothing Pattern Recognition using Features extraction of wavelet coefficients for Visually Impaired People", International Conference on Trends in Electronics and Informatics (ICOEI 2018) , SCAD College of Engineering and Technology, Cheranmahadevi, Tirunelceli, Tamilnadu, India, 11- 12 May 2018
10	Rasika Shirode, Dipali Ramdasi, 'Exhaled Breath Analysis for Renal Diseases using Artificial Neural Network, at IEEE International Conference on Communication and Signal Processing (ICCSP), 3rd April to 5th April 2018, Chennai, India
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