

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: 2024-25	
1	Dr. Anagha Panditrao, Dr. Vaishali Upadhye, Dr. Swati Madhe Innovative condenser microphone-based non-invasive real time breath rate monitoring system, Journal of Integrated Science and Technology, 2 Feb 2025, Vol.13 No.5, pg.1-7. https://doi.org/10.62110/sciencein.jist.2025.v13.1106 , https://pubs.thesciencein.org/journal/index.php/jist/article/view/a1106
Academic Year: 2022-23	
1	S Barhate, Mudhalwadkar, Swati Madhe, Fault Detection Methods Suitable for Automotive Applications in Proton Exchange Fuel Cells, Engineering, Technology & Applied Science Research, Dec 2022, Vol. 12, No. 6, 2022, PP. 9607- 9613, https://doi.org/10.48084/etasr.5262 , ESCI , https://etasr.com/index.php/ETASR/article/view/5262/2915
2	Dr.Vaishali Upadhye, Dr. Swati Madhe, and Dr.Atul Joshi, Project Based Learning as an Active Learning Strategy in Engineering Education, Journal of Engineering Education Transformations, Dec 2022, Volume: 36, Issue: Special Issue 1, Pages: 18-24, DOI:10.16920/jeet/2022/v36is1/22169
3	Pratima Kulkarni, Dipali Ramdasi, Project-Based Learning Technique for Holistic Development of Students, Journal of Engineering Education Transformations, Dec 2022, Volume: 36, Issue: Special Issue 1, Pages: 56-62, DOI: 10.16920/jeet/2022/v36is1/22175
4	Deeksha Rai Sharma, Rohini Ravindrasingh Raghuwanshi, Tanvi Chandak, Dipali Ramdasi, LoRa-Based IoT System for Emergency Assistance and Safety in Mountaineering, International Journal of Safety and Security Engineering, June 2023, Vol. 13, No. 3, pp. 491-500, DOI: https://doi.org/10.18280/ijssse.13031 , https://www.iieta.org/journals/ijssse/paper/10.18280/ijssse.130311
5	Y. G. Adhav, Dayaram Sonawane, Chetankumar Patil, Online MEMS- Based Specific Gravity Measurement for Lead Acid Batteries, Advances in Technology Innovation, Apr 2023, Vol. 8, No. 2, 2023, PP 136-149, DOI: https://doi.org/10.46604/aiti.2023.8964 , https://ojs.imeti.org/index.php/AITI/article/view/8964
Academic Year : 2020-21	
1	Dr. Revati Shriram , Dr. Nivedita Daimiwai, “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, https://iopscience.iop.org/article/10.1088/1757-899X/1012/1/012043

Academic Year : 2019-20

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| 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”, Bio- medical 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

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| 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. Bio- medical and Pharmacology, September 2019 Vol 12(3). P.1193-1200. |

Academic Year : 2017-18

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| 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 |
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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 : 2023-24	
1	Dr. Anagha Panditrao, Dual Axis Automatic Sun Tracking System for a Parabolic Solar Concentrator, Journal of Instrumentation and Innovation Sciences, Received Date: November 22, 2023 Published Date: December 02, 2023, Volume 8, Issue 3, Page 26-32, e-ISSN: 2456-9860, https://matjournals.co.in/index.php/JIIS/article/view/4556
Academic Year : 2022-23	
1	Nivedita Daimiwal, Revati Shriram, Case Study Based Learning for System Development, Graduate Research in Engineering and Technology (GRET), Sep 2022, ol 1, Issue 8. Article 10, DOI:10.47893/GRET.2022.1150, ISSN: 2320-6632, https://core.ac.uk/download/539823561.pdf
2	Dr. Vaishali Upadhye, Dr. Swati Madhe, Dr. A. K. Joshi, Development of Autonomous Underwater Vehicle(AUV) for Crack Detection in Canals, Grenze International Journal of Engineering and Technology, Jan 2023, Jan Issue Grenze ID: 01.GIJET.9.1.712 pp 1333-1339, https://www.academia.edu/119163359/Development_of_Autonomous_Underwater_Vehicle_AUV_for_Crack_Detection_in_Canals
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 Tech- nology and Innovations, Vol 11, No 3 (2021) , DOI (Journal): 10.37591/JoITI, https://engineeringjournals.stmjournals.in/index.php/JoITI/article/view/6027
Academic Year : 2020-21	
1	Ankita Deokate, Kshitija Karale, Suvidha Sawant, Prof. Yashwant Adhav, 'IoT based Ac- cident 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 Jour- nal 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 Re- view , 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 Stroop 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 Computer 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", In-ternational Journal,6,7 March 2013
2	Rajshree Doshi, Anagha Panditrao, “Non-Invasive Optical Sensor for Haemoglobin De-termination”, 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 mammo-graphic 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 im-ages 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. Gaikwad ¹ , 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 Daimiwai, "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 Daimiwai, 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 : 2024-25	
1	Manisha Narwane, Sheetal Katwe, Automated Soil Profile Analysis using Optical Sensors, 8th International Conference on Computing Communication Control & Automation ICCUBEA-2024 (IEEE), Pimpri Chinchwad College of Engineering, Nigdi Pune, 23-24 August 2024, https://www.researchgate.net/publication/387914420_Automated_Soil_Profile_Analysis_Using_Optical_Sensors
2	H. T. Patil, Nivedita Daimiwal & Revati Shriram, Machine Vision Enabled Automated System for Precise Dimension Measurement, ICAET 2025, Conference date 16-17 Jan 2025, yet to get published on IEEE Xplore
Academic Year : 2023-24	
1	Bhagyashree Dhamane, Saloni Badve, Anushree Mandal, Nivedita Daimiwal, Revati Shriram, Machine Learning based Mood Disorder Detection System, 8th International Conference on Communication and Electronics Systems (ICCES), ICCES 2023, PG Institute of Technology, International Conference, Coimbatore, 1-3 June 2023, Date Added to IEEE Xplore: 01 August 2023, DOI: 10.1109/ICCES57224.2023.10192877 , ISBN:979-8-3503-9663-8
Academic Year : 2022-23	
1	Kalyani Dalvi, Shruti Dalvi, Dr. Anagha Panditrao, Sharvari Deshpande, Aradhana Bakare, Posture Monitoring Apparatus For Physiotherapy, 5th IEEE International Conference on Emerging Smart Computing and Informatics (IEEE ESCI-2023), AISSMS, Pune, 1-3 March 2023, Date Added to IEEE Xplore: 19 April 2023, DOI: 10.1109/ESCI56872.2023.10099889
2	Dr. Anagha Panditrao, Enhancing Student's Competency by Experiential Learning, 4th International Conference on Multidisciplinary Innovation in Academic Research-2023, Institute for Engineering Research and Publication Tamilnadu Section, 17-18 March 2023, https://drive.google.com/file/d/1i10S-1Vpb3W2Eq0XCALsucV9yg7MFx72/view?usp=sharing
3	Vaishnavi P. Shinde; Vaishnavi R. Shinde; Pratiksha Taru; Vaishnavi Jadhav; Revati Shriram; Nivedita Daimiwal, LPG Leakage Detection and Alert Indication System for Domestic and Commercial Use, 7th International Conference on Trends in Electronics and Informatics (ICOEI), 2023, SCAD College of Engineering and Technology, Cheranmahadevi, Tirunelveli, India, 11-13 April 2023, Date Added to IEEE Xplore: 24 May 2023, DOI: 10.1109/ICOEI56765.2023.10125587 , ISBN:979-8-3503-9728-4
4	Y. G. Adhav, Novel Micro flow Sensor for Air Purge Method to monitor the state of charge of Lead Acid Battery, Journal of Physics Conference Series 2327(1):012004, Published date Oct 2022, https://iopscience.iop.org/article/10.1088/1742-6596/2327/1/012004
5	Dr. Revati Sriram, Dr. Nivedita Daimiwal, Statistical Analysis of Coherence between Electrical and Hemodynamic Brain Signal, 3rd International Conference on Data Intelligence and Cognitive Informatics, , Published date Dec 2022, DOI:10.1007/978-981-16-0336-5_18 ,
6	Dr. Dipali Ramdasi, Lokita Bhoge, Binita Jiby, Hrithika Pembar, Sakshi Phadatre, IoT Based Automotive Collision Avoidance and Safety System, Springer 3rd Congress on Intelligent Systems (CIS2022), Published date May 2023, https://link.springer.com/chapter/10.1007/978-981-19-9379-4_48

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”, Date added to IEEE: 14 Feb 2022, 22-23 October 2021, DOI: 10.1109/ISCON52037.2021.9702432
2	Nivedita Daimiwal, Revati Shriram, Harish Shinde, Radhika Kulkarni, Apeksha Galewad, "Oil quantity analysis using image processing", “XIX Control Instrumentation System Conference (CISCON-2022)”. Conference Dates: 28 – 29 October 2022 at MIT, Manipal.
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
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