



VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING

Research Publications (Dept. of EIE)

Academic year	International Journals	National journals	International Conference	National Conference	Books Published	Total
2019-20	21	-	7	1	-	29
2018-19	21	-	5	-	-	26
2017-18	6	-	8	1	-	15
2016-17	13	-	6	-	-	19
2015-16	15	1	12	1	-	29
2014-15	11	1	5	-	-	17
2013-14	7	2	6	4	-	19
2012-13	16	4	8	-	1	29

Academic Year 2019-20					
Sl. No.	Title of paper	Name of the authors/s	Name of journal/Conference	National/International	Year of publication
1	Prediction of severity of non proliferated diabetic retinopathy using machine learning techniques	Dr.R.Manjulasri, Ms.P.Srujana, Ms.D.Srilaxmi	ICRITCSA- 2019	International	Oct 2019
2	Simulation of combustion control by tweaking air-fuel ratio	Samuel morris, Dr.K.Sudharani, Hitesh dhorajia	International journal of research	International	July 2019
3	Leg bone fracture segmentation and detection using advanced morphological techniques	Dr.K.Sudhrani, K.Manikumar, Ganti Amulya, Eswar pothineni, velagapudi pavani, P.Susvitha Reddy	International Journal of Research Technology and Engineering	International	July 2019

4	Texture Characterization and Classification to Detect Brain Tumor	N. Kavitha, Sai Sundara Amulya Ganti, K. Sudha Rani, K. Mani Kumari, B. Bhagya Sree	International Journal of Innovative Technology and Exploring	International	March 2020
5	Sensor Based Milk Adulteration System	K.Sudha Rani, Sai Sundara Amulya, K.Mani Kumari, D.V.S.Shobana, Dr.T.Nireekshana, M.V.Arun Santosh, K.Vijaya Chandra	ICRITCSA- 2019	International	Oct 2019
6	Finite element analysis of carbon nanotube structured badminton racket	Dr.K.Vidyasagar, Dr.A.Bhujangarao, Mr.k.Vijayachandra, Mr.B.Goutam	ICRITCSA 2019.	International	Oct 2019
7	Design and implementation of neonate health condition monitoring device	Naregalkar, Akshay Rangnath.	i-manager's journal on digital signal processing	International	July 2019
8	NARX-EMFO Based Controller Optimization for pH Neutralization in Waste Water Treatment	Naregalkar Akshaykumar and Dr.D.Subbulekshmi	Second International Conference on Power Engineering Computing and CONTROL (PECCON – 2019)	International	Nov 2019
9	"Specular corneal endothelium dystrophy's analysis using particle filter"	K.Vijay Chandra and Prof.Bhaskar mohan murari	i-CASIC-2020,	International	27-02-20 & 28-02-20
10	"Specular microscopic endothelium image analysis with Danielsson Morphology"	K.Vijay Chandra and Prof.Bhaskar mohan murari	ICICCS-2020-SPRINGER	International	25-06-2020 & 26-06-2020.
11	Machine intelligence for identification of endothelial corneal layer	K. Vijay chandra K.Vidya sagar K.Sudha Rani	ICICCS Conference	International	April,2020

	diseases with novel morphology algorithm				
12	Confocal corneal endothelium dystrophy's Analysis using particle filter	K.Vijay Chandra and Prof.Bhaskar mohan murari	Journal of Engineering Science and Technology, Taylors university, malaysia	International	April 2020
13	Development of Multi Model PID Controller on FPGA for Furnace Temperature Control Problem	Naregalkar Akshay, G. Vamsi krishna, Dr. B. Rajasekhara Reddy, Suresh Aldhandi	Aut Research Journal	International	May 2020
14	Switching Kalman filter based ECG signal processing for Fiducial points	Anita Kulkarni & Dr. Elizabeth Rani	International Journal of Advanced Research in Science, Engineering and Technology	International	October 2019
15	Photovoltaic water distributing system using v/f controller	D.Srilaxmi	International Journal of research in electronic and Computer engineering	International	Sep 2019
16	Efficient solar water pumping system using maximum power point tracking	D.Srilaxmi, M.Arunkumar	International journal of research	International	Sep 2019
17	Epileptic seizure detection using orthogonal local preserving projection and k-nearest neighbors classifier	Nageshwar V, Y.Padmasai, Dr.K.Subba Rao	International Journal of Control and Automation	International	Nov 2019
18	Epilepsy detection in EEG using firefly based feature selection and random forest classifier	Nageshwar V, Y.Padmasai, Dr.K.Subba Rao	International Journal of Control and Automation	International	Nov 2019
19	Routing Methodology for Secure Transmission of data in Physical Layer	S.Vandana, Dr.T.Madhavi	J-International Journal of Innovative Technology and Exploring Engineering	International	December 2019

20	Performance of Ad Hoc Networks using Omni-Directional Antennas with Interference Alignment	S.Vandana, Dr.T.Madhavi	International Journal of Engineering and Advanced Technology	International	December 2019
21	Automatic burner flame management system using internet of things	1.Dr.M.Sreedhar, 2.Dakuri Giri babu 3.Bezawada Suneela sparsha	Journal of Emerging Technologies and Innovative Research	International	June 2020
22	Performance analysis of DC-DC converter for robotic system	Adnan Abbas, Dr.S.Senthilkumar	International Journal of Electrical, Electronics and Data Communication	International	Feb 2020
23	Optimised multi-wavelet domain for decomposed electrooculogram -based eye movement classification	Harikrishna Mulam & Malini Mudigonda	IET (The Institution of Engineering and Technology) Image Processing Journal	International	March 2020
24	EOG-based eye movement recognition using GWO-NN optimization	Harikrishna Mulam & Malini Mudigonda	Journal of Biomedical Engineering / Biomedizinische Technik	International	January 2020
25	Inetelligent Voice Controlled Home automation	G. Vamsi krishna, Naregalkar Akshay, Suresh Aldhand	Journal of Advanced Science Letters	International	May 2020
26	Design of Optimal Scheduling Of Electrical Load For Smart Power Utilization	G. Vamsi krishna, Naregalkar Akshay, Suresh Aldhandi	J-Alochana Chakra Journal	International	May 2020
27	Performance analysis of DC-DC converter for robotic system	Adnan Abbas, Dr.S.Senthilkumar	International Conference on Smart Technology, Electrical and Electronics Engineering (ICSTEEE - 2019)	International	Nov 2019

28	Comparative Analysis between Various Controllers for Real Time Temperature Process using Siemens S7-1200 PLC.	S Nagarjuna Chary , K Vijaychandra, B Goutam, Dr. N Vinoth, Dr. Kiran Chakravarthula	International Conference on Instrumentation and Control Engineering (ICECON-2019)	International	Dec 2019
29	Design and Implementation of Digital Down Converter	C V RAMBABU, Dr. B N SHOBHA	22nd ISTE STATE LEVEL FACULTY CONVENTION 04-02-2020 BENGALURU	National	Feb 2020

Academic Year 2018-19

Sl. No.	Title of paper	Name of the authors/s	Name of journal/Conference	National/International	Year of publication
1	Analysis of Retinal Blood Vessel Segmentation in different types of Diabetic Retinopathy	Dr. R. Manjula Sri	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-252,	International	January 2019
2	Exudates and color analysis for the detection of diabetic macular edema	Dr. R. Manjula Sri	IEEE 5th I2CT , Pune	International	29th -31st Mar.2019
3	Image Processing for the detection of diabetic retinopathy and diabetic macular edema.	Dr. R. Manjula Sri	Sri JNPG College Revelation: A Journal of popular science Vol. 3, Issue1,2019, Pages 21-26.	International	2019
4	Classification of diabetic maculopathy from retinal images	Dr. R. Manjula Sri	International Journal of Engineering and Technology	International	14th -15th Dec.2018
5	Experimental Analysis of a Novel Control Scheme Developed for Single Fluid Heat Transfer System	Dr.S.Pranavanand	2018 IEEE International Conference On Systems, Process And Control	International	14th -15th Dec.2018

6	3D Tumor Segmentation using Surface Rendering Technique	Dr.K.Sudha Rani	ICCCS 2018 , Dronacharya College of Engineering, Gurgaon, India Proceedings will be published in Communication and Computing Systems, Taylor and Francis conference. CRC Press.	International	1 st & 2 nd Dec. 2018 .
7	Brain Tumor Detection using Supervisory Nearest Neighbour Algorithm	Dr.K.Sudha Rani	ICCCS 2018 , Dronacharya College of Engineering, Gurgaon, India Proceedings will be published in Communication and Computing Systems,Taylor and Francis conference. CRC Press.	International	1 st & 2 nd Dec. 2018 .
8	Tumor detection from mammograms using thersholding and morphological operations.	Dr.K.Sudha Rani	International journal of Engineeirng and Technology	International	Vol.07, 2018, pp. - 225-229
9	Improvement Of Boiler's Efficiency By Auto Combustion Control Using Ratio Control	Dr.K.Sudha Rani	2nd International Conference on New Frontiers in Chemical, Energy and Environmental Engineering, NIT Warangal, India	International	15 th & 16 th Feb., 2019.
10	A novel method for Analysis and Classification of EEG Signals using Empirical mode Decomposition and Hilbert Maarginal Spectrum	Mr. Nageshwar V	Journal of Emerging Technologies and Innovative Research, Volume 5, Issue 10, Pages 181-188	International	Oct. 2018.
11	wireless power transfer for electric vehicle applications	Dr. Malleti Sreedhar	International Journal of research in electronic and Computer engineering	International	Oct 2018

12	MQ3 sensor based prototype drive protection system using smart wireless helmet	Dr. Malleti Sreedhar	IJRAR(International Journal of Research and Analytical Reviews),	International	November 2018,
13	Flood Alert System Using IoT	Mrs. Vandana Samanthula	International Journal of Computer Sciences and Engineering	International	November 2018,
14	PI Controller Design for Multivariable processes based on Ziegler-Nichols Tuning method	Mr. G. Vamsi Krishna	Jour of Adv Research in Dynamical & Control Systems,	International	Sep 2018
15	Multi loop Controller design for multivariable processes Employing SISO PI Tuning Rules.	Mr. G. Vamsi Krishna	International Conference on Advances in Signal Processing, Power, Embedded, Soft Computing, Communication and Control Systems (ICSPECS-2019).	International	Jan 2019
16	Comprehensive Updates for Bus Information in Cities and Suburbs (Cubics)	Mr.Ranga Sai Komaragiri	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International	Feb 2019
17	MC-based topology for bidirectional power flow between EV charger and grid	N. Akshay	INTERNATIONAL JOURNAL OF RESEARCH AND ANALYTICAL REVIEWS	International	2018
18	Date driven design of IMC-fractional filter PI controller foe sewage waste water process	N. Akshay	Journal of advanced research in dynamical and control system	International	2019
19	Bio-Signal System Design for Real-Time Ambulatory Patient Monitoring and	N. Akshay	Lecture Notes in Networks and Systems, Springer .(BOOK Chapter)	International	2019

	Abnormalities Detection System				
20	Detection of Severity of optical nerve head damage using coherence tomography images	Mrs. J. Jyothirmai	International Journal of Interdisciplinary Research and Innovations	International	March 2019
21	Non-Invasive Measurement of Stress Levels in Knee Implants	S.Sampurna Lakshmi	International Journal of Applied Engineering Research	International	Jan 2019
22	Home security control system using Raspberry Pi	Mr. S Bhargav	International Journal of research in Electronic and Communication.	International	Dec 2018
23	Design of MIMO ball and beam system using PID Controller in Automation	Dr. S. Senthilkumar	Journal of Emerging technologies and innovative research	International	Nov 2018
24	Design, development and implementation of online machine vision based system for inspection of pharmaceutical blister packs	Anitha kulkarni	International Journal of Research	International	2019
25	Unconstraint 2-level cost optimization coding for signal processing	Anitha kulkarni	International Journal of advanced trends in computer science and engineering	International	2019
26	Photovoltaic water distributing system using v/f controller	D.Srilaxmi	International Journal of research in electronic and Computer engineering	International	2019

Academic Year 2017-18

Sl. No.	Title of paper	Name of the authors/s	Name of journal/Conference	National/International	Year of publication
1	Classification of Diabetic Maculopathy from Retinal Images	Dr.Manjula sri, D.swetha, P.Sampurna Lakshmi	International Conference on Innovations in Electrical, Electronics, Power, Smart Grids & Advanced Computing Technologies	International	March-2018
2	Tumor Detection from Mammograms using Thresholding and Morphological operations	K.Sudha Rani D.SriLaxmi D.Shobana	International Conference on Innovations in Electrical, Electronics, Power, Smart Grids & Advanced Computing Technologies	International	March-2018
3	Gaps in Education in India and approaches to address through Technological Interventions	Dr. Chakravarthula Kiran Dr.C.D.Naidu	National Seminar on Setting Technological standards and strategy for Higher Education	National	Feb-2018
4	NON INVASIVE BLOOD FLOW MWASUREMT USING PPG	S.BHARGAV,	IJCRT	International	Jan-2018
5	Enhancement of Digital Fundus Image using Adaptive Mahalanobis Distance for Diabetic Retinopathy Detection	Madhusudan B Kulkarni, Pavan Malghan	IEEE Xplore	International	Jan-2018
6	Energy Efficient Sensor Mapping and Monitoring with Cloud Offloading using IoT	K.Ranga sai , Deepa das	International conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing(EECCMC)	International	Jan-2018

7	Novel Sierpinski Carpet Fractal Antenna for Multiband Wireless Applications	S.Bharghav, K.Ranga sai, PV Gopi Kumar	International Journal for Research in Applied Science & Engineering Technology, Volume 6 , Issue 1,	International	Jan-2018
8	Bio-Signal System Design For Real Time Ambulatory Patient Monitoring and Abnormalities Detection System	Naregalkar Akshay , G. Vamsikrishna,	International Conference On Innovations In Electronics & Communication Engineering (ICIECE – 2017)	International	July-2017
9	Online Auto Selection of Tuning Methods and Auto Tuning PI Controller in FOPDT Real Time Process-pH Neutralization	Naregalkar Akshay , D. Subbulekshmi	Elsevier Energy Procedia Vol. 117, June 2017, pp. 1109-1116	International	June 2017
10	A novel method to optimize the power utilization of single fluid heat transfer system	S. Pranavanand	8th ICCCNT 2017 July 3-5, 2017, IIT Delhi, Delhi, India	International	July-2017
11	Optimized Feature Mapping for Eye Movement Recognition using Electrooculogram Signals	Harikrishna Mulam Dr.Malini Mudigonda	IEEE international Conference on Computing Communication and Networking Technologies(ICCNT)	International	July-2017
12	Eye Movement Recognition by Grey Wolf Optimization based Neural Network	Harikrishna Mulam Dr.Malini Mudigonda	IEEE international Conference on Computing Communication and Networking Technologies(ICCNT)	International	July-2017
13	Prototype development of smart sensor based contamination detection in consumable water quality	Dr.Sajusubrahmaniam Dr.M.Sreedhar	IJEE&C	International	Dec-2017

14	Model Based spike detection of epliptic EEG data By using LABVIEW	V.Nageshwar Prasanth Y.Padmasai	Journal of emerging technologies and innovative research	International	2017
15	Power Efficient, High Frequency and Low Noise PLL Design for Wireless Receiver Applications	1. B.Supraja 2. N.Ravi 3. T.Jayachandra Prasad	Computer, Communication and Electrical Technology, Taylor & Francis Group.	International	2017

Academic Year 2016-17					
Sl. No.	Title of paper	Name of the authors/s	Name of journal/Conference	National/International	Year of publication
1	Machine intelligence on confocal microscope for Detection of endothelium layer of corneal Diseases	K.Vijay Chandra	International Journal of Current Trends in Engineering & Research	International	Aug-2016
2	Investigations of conduction Mechanism in polymer thick film resistors trimmed by multiple high voltage impulse method	B.Poornaiah B.Rambabu Subramanyam Y.Srinivasarao	JAPED,USA	International	2016
3	Microwave Interactions in Polyvinyl Chloride–Graphite Thick Film Resistors	B.Poornaiah B.Rambabu Subramanyam Y.Srinivasarao	JAPED,USA	International	2016
4	Contourlet Based Biometric watermarking for copyright protection and extraction using ICA	S.Saju, G.Thirugnanam	ARPAN	International	2016

5	“Brain Tumor Detection Using Texture Characterization and Classification Based on the Grey-Level Co-Occurrence Matrix”	K. SudhaRani, Dr. T. C. Sarma ,Dr. K. Satya Prasad	Procedia Technology	International	2016
6	Development and Comparison of Image Fusion Tehniques for CT and MRI Images	Anitha Kulkarni	International Journal of Engineering Research and Applications	International	Sept 2016
7	Embedded Based Spoofing Detection System	S.Vandana	International Journal of Professional Engineering Studies	International	Dec 2016
8	Effect of metal layer stacking order on the growth of Cu ₂ ZnSnS ₄ thin films	T.Narayana, M.Gurubhasker, P.Prathap, A.Tiwari, Y.V.Subbaiah M. Anantha Sunil	Applied Surface Science	International	Dec 2016
9	Design and Implementation of Data Acquisition System for EEG Analysis	Nageshwar V, Y.Padma Shayi, Dr.K.Subba Rao	6thIEEE International Advance Computing Conference (IACC-2016)	International	May 2017
10	Spike Detection in Electroencephalogram (EEG)Using Arduino UNO	Nageshwar V, Y.Padma Shayi, Dr.K.Subba Rao	2015 International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT)	International	Aug-2016
11	Effect of various sizes of stone dust on strength characteristics of clayey subgrade soils	Vamsi Krishna T, K. Suresh	i-managers Journal of Civil Engineering	International	Nov-2016

12	Identification and Classification of benign and malignant tumors in brain using K-NN and NN intelligent algorithms	K. Sudha Rani, Dr. T. C. Sarma ,Dr. K. Satya Prasad	International Journal of Computer Science and Information Security(IJCSIS)	International	Oct-2016
13	Design and Implementation of Algorithm for Real-Time Patient Monitoring in Ambulance While Transit	Naregalkar Akshay ,G. Vamsi Krishna	i-manager's Journal on Instrumentation & Control Engineering	National	Jan, 2016
14	Process identification with autoregressive linear regression method using experimental data: Review	Naregalkar Akshay, D.Subbulekshmi	Indian Journal of Science and Technology	National	Oct-2016
15	Absorption studies of Creatinine using single-reagent and single wave length method by optical Interference wavelength filter	M.Sreedhar	International Journal of Advanced Research	International	May-16
16	Detection of brain tumor using MRI images	Madhusudan B Kulkarni, Dr. Channappa Bhyri, Dr. Kalpana	International Conference on ICCRAES-16	International	Oct 2016
17	Design of an Intelligent system to control high purity distillation column using split range technique	Renuka Seth, Mohammed Wajid Ali	IEEE International Conference on Human Computer Interactions (ICHCI'16), Mar. 10-11, 2016, Chennai, India	International	2016
18	Contourlet Based Biometric image watermarking for copyright protection and extraction using ICA	S.Saju,G.Thirugnana m	1st International Conference on modelling, simulation and control(ICMSC-2015) 15-16 Oct-	International	2016

			2015		
19	Smart Detection and Transmission of Abnormalities in ECG via Bluetooth	Pavani Lakshmi Penmatsa, D V Rama Koti Reddy	International Conference on Research Advancements in Engineering Science and Information Technology (ICRAESIT), Dec. 15-16, 2015, Narsapur, India	International	2016

Academic Year 2015-16					
Sl. No.	Title of paper	Name of the authors/s	Name of journal/Conference	National/International	Year of publication
1	Early detection of diabetic retinopathy from retinal fundus images using Eigen value analysis	1. R. Manjula Sri 2. V.Rajesh	C-IEEE International Conference on Control, Instrumentation, Communication and Computational Technologies,	International	2015
2	Investigations of conduction Mechanism in polymer thick film resistors trimmed by multiple high voltage impulse method	B.Poornaiah B.Rambabu Subramanyam Y.Srinivasarao	JAPED, USA	International	2016
3	Design and Implimentation of NXN Multiplication for DSP/Multimedia Applications	B.Poornaiah Suresh Kumar	IJPES	International	Jul-2015

4	Low Power BIST on Memory Interface	B.Poornaiah K.Lavanya K.Sampath	IJITech	International	Nov-15
5	Absorption studies of Creatinine using Kinetic Reaction method by optical Interference wavelength filter	M.Sreedhar, Dr.A.Bhujangarao Dr.P.L.H.Varaprasad, M.Saradadevi	International journal of scientific and Engineering Research publications	International	Mar-2016
6	Absorption studies of Creatinine using End-point method by optical Interference wavelength filter	M.Sreedhar, Dr.P.L.H.Varaprasad, Dr.Bhujangarao	International Journal of scientific and Research Publications	International	Sep-2015
7	Absorption studies of creatinine using single reagent and single wavelength method by optical interference wavelength filter	M Sreedhar	International journal of advanced research	International	Mar-2016
8	Development of Different Controllers Using Virtual Instrument to Bolster the Performance of Single Fluid Heat Transfer System	S.Pranavanand and Dr. A . Raghuram	International confrence on control communication & computing India	International	2015
9	Identification and Classification of Benign and Malignant Tumors in Brain using k-NN and NN intelligent algorithms	K SudhaRani, Dr. T. C. Sarma, Dr. K. Satya Prasad.		International	2015
10	3D Multimodal MRI Brain Tumor Segmentation: A Volume Rendering Approach	K. Sudharani, K. Rashmi, Dr. T.C. Sarma, Dr. K. Satya Prasad	Published in Procedia Technology, Science Direct	International	2015

11	Advanced Morphological Technique For Automatic Brain Tumor Detection And Evaluation of Statistical Parameters	K. Sudha Rani, Dr. T. C. Sarma, Dr. K. Satya Prasad	December 26th,2015, Kerala	International	2015
12	"Intelligent Brain Tumor Lesion Classification and Identification from MRI Images Using k-NN Technique"	K. Sudha Rani,	December 22nd to 24th , 2015, Kanyakumari, Tamilnadu.(Paper published in IEEE Exporer)	International	April-2016
13	Design and Implementation of NXN Multiplication for DSP/Multimedia Applications	1. T Suresh Kumar 2.B Poornaiah	International Journal Professional Engineering Studies	International	Dec-2015
14	Brain tumor Detection using random walk solver based segmentation using mri	Madhusudan B Kulkarni, Dr. Channappa Bhyri, Dr. Kalpana	IJCRD	International	May 2016
15	An Approach for Detection of Brain Tumor using MRI Images Using LABVIEW	1. Jyothirmai Joshi, 2. N Moorthy muttukrishnan	J-international journal of International Journal of Research and Scientific Innovation (IJRSI)	International	Jun-2016
16	Restoration of x-ray images using labview	1. K.Vijay Chandra 2.A.aditya kashyap	International Conference On research advancements in engineering science and information technology	International	2015
17	Absorption studies of Creatinine using Kinetic Reaction method by optical Interference wavelength filter	M.Sreedhar	International journal of scientific and Engineering Research publications	International	February 2015

18	Optimization of the thermal transfer capability of Single Fluid Heat Transfer System (SFHTS) using LabVIEW	S. Pranavanand	Journal of Instrumentation Society of India	National	Sep-15
19	Robust Medical Image Watermarking based on Contour let and Extraction Using ICA	S.Saju, G.Thirugnanam	Elixir international Journal	International	2015 July
20	Performance Analysis of Image Watermarking using Contourlet Transform and Extraction Using Independent Component Analysis	S.Saju, G.Thirugnanam	International Journal of applied engineering research	International	2015 December
21	The fabrication of stable super hydrophobic surfaces using a thin Au/Pd coating over a hydrophilic 3C-SiC nanorod network	Afzal Khan, Shiraz Sohail, Chacko Jacob	J-- Applied Surface Science	International	2015
22	A Real time tracking and Alerting system using LabView	Jyothirmai Joshi	J --International journal of advanced research in Electrical, Electronics and Instrumentation Engineering	International	Apr-16
23	Image Compression with DCT Using LabVIEW	K Vijay Chandra, Ch Suresh Kumar, A Adithya Kashyap	International Conference on Research Advancements in Engineering Science and Information Technology (ICRAESIT), Dec. 15-16, 2015, Narsapur, India	International	2015

24	Early Detection of Diabetic Retinopathy from Retinal Fundus Images Using Eigen Value Analysis	R Manjula Sri, V Rajesh	International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCICCT), Dec. 18–19, 2015, Kumarcovil, India	International	2015
25	Extended Pillars K-Means Clustering for Automatic Brain Tumor Technique	K Sandhya Rani, V SumaLatha, V Nageshwar, K Raja Shekar Reddy	3rd International Conference on Recent Trends in Power, Control and Instrumentation Engineering, Dec-2015, Kerela.	International	2015
26	Multi-channel Data Acquisition System for Electroencephalogram Using LabVIEW	V Nageshwar, Y Padma Sai, K Subba Rao	National Symposium on Instrumentation, Oct. 30–31, 2015, Coimbatore, India	National	Sep-2015
27	Advanced Morphological Technique For Automatic Brain Tumor Detection And Evaluation of Statistical Parameters	K Sudha Rani, Dr. T C Sarma, Dr. K Satya Prasad	International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST - 2015), Dec. 9–11, 2015, Thrissur, India	International	Jun-2016

28	Restoration of X-ray Images Using LabVIEW	K Vijay Chandra, A Adithya Kashyap	International Conference on Research Advancements in Engineering Science and Informatin Technology (ICRAESIT), Dec. 15–16, 2015, Narsapur, India	International	2015
29	Estimation of Super Heater Steam Temperature Using Regression Models on MISO Systems	K Sandhya Rani, V SumaLatha, V Nageshwar, K Raja Shekar Reddy	International Conference on Control, Instrumentation, Communication and Computational Technologies (ICCCICT), Dec. 18–19 2015, Kumaracoil, India	International	Dec-2015

Academic Year 2014-15					
Sl. No.	Title of paper	Name of the authors/s	Name of journal/Conference	National/ International	Year of publication
1	Image Processing for Identifying Different Stages of Diabetic Retinopathy	ManjulaSri M.Raghupathy Reddy K.M.M.Rao	IJRTET	International	2014
2	Regulating Level Boiler Drum using LabVIEW	S.Pranavanand, A.Suresh, K.Abhinav	ISOI	National	2014
3	Optimization of the thermal transfer capability of Single Fluid Heat Transfer System (SFHTS)	S.Pranavanand, Dr.A.Raghuram	ICRA	International	2014

	using LabVIEW				
4	Mechanical Characteristics of High Strength Self Compacting Fiber Reinforced Concrete Incorporating Quartz Filler & Hybrid Fibers	B.Narendra Kumar, Dr.P.Srinivasa Rao	International Journal of Earth Sciences and Engineering	International	2014
5	A Novel Energy Management System in Sugar Industry Co-Generator Plant	K Sudha Rani Kiran M V Suresh A	IEEE	International	2014
6	Automated Systems for Air Pollution Detection & Control on Vehicles	Anita kulkarni T. Ravi Teja	IJAREEIE	International	2014
7	Design of Demand Pace Maker using an Embedded Controller	C Bala Prasthanth Reddy, B Abhinay, C Sreekar, D V Shobhana Priscilla	16th International Conference on Biomedical Engineering and Technology, Jul. 14–15, 2014, Stockholm, Sweden	International	2014
8	Liveness Detection and Image Quality Assessment for Fake Biometric Detection	C.V. Rambabu CH. Deepika	IJEEME	International	2014
9	Non-Invasive Method of differentiation malignant & benign tumors by the optimization of visual demonstration of MRI Scans, using Virtual Instrument	A Pavani Lakshmi	IEEE GLOBAL-SIP-2014	International	2014

10	Modeling and Control of a Multi-Component Continuous Crude Distillation Column Using LabVIEW	CH. Suresh Kumar Mohammed Wajid Ali	IJRIEEE	International	2014
11	Design PID Controller for TITO Process Based on Least square optimization tuning Method	A Suresh M. V. Kiran	ICCICR	International	2014
12	Hand gesture recognition to control soft front panels	B Goutam H Renuka	IJERT	International	2014
13	Image processing platform on RASPBERRY PI face recognition	K Rangasai Tina ravali	IJERT	International	2014
14	Cu(In,Al)Se ₂ thin films by one-step electrodeposition for photovoltaics	N.L.Shruthi, K.G.Deepa, J. Nag M. Anantha Sunil	Thin Solid Films	International	2014
15	Growth of AgInS ₂ films by ultrasonic spray pyrolysis tech.	K.G.Deepa, J. Nagaraju M. Anantha Sunil	Thin Solid Films	International	2015
16	Acquiring ECG signal and analysis for different heart ailments	M. Anantha Sunil	IJRET	International	2015
17	Low temperature sulfurization of electrodeposited Cu(In,Al)Se ₂ thin films	N.L.Shruthi, K.G.Deepa, J. Nagaraju M. Anantha Sunil	Applied Surface Science	International	2015

Academic Year 2013-14

Sl. No.	Title of paper	Name of the authors/s	Name of journal/Conference	National/International	Year of publication
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1	LabVIEW controlled Flame Atomizer for Atomic Absorption Spectrophotometer	S. Raja Ratnam S. Bharati M. Harikrishna	IJIMT	International	2013
2	Image Processing for Identifying Different Stages of Diabetic Retinopathy	R.Manjula Sri, M.Raghupathi Reddy, K.M.M.Rao	International Journal of Civil and Structural Engineering	International	2014
3	Hardware implementation of Detection of Glaucoma from retinal images	R.Manjula Sri, M.Raghupathi Reddy, K.M.M.Rao	CIIT 2013, Oct. 18-19, 2013, Mumbai, India	International	2013
4	Hardware implementation of Detection of Age related macular degeneration from retinal images	R.Manjula Sri, M.Raghupathi Reddy, K.M.M.Rao	IEEE ICCCCM 2013 United Institute of Technology, Allahabad, INDIA.	International	2013
5	Detection of Age related macular degeneration using OpenCV for image processing applications	R.Manjula Sri, M.Raghupathi Reddy, K.M.M.Rao	ICIECE-2013	International	2013
6	Detection of Glaucoma using open CV for image processing applications	R.Manjula Sri, M.Raghupathi Reddy and K.M.M.Rao	NSETTE	National	2013
7	Image Processing for the Detection of Retinal Diseases - Diabetic Macular Edema	R.Manjula Sri, M.Raghupathi Reddy and K.M.M.Rao	IETE	International	2013
8	3D DICOM Images Reconstruction using LabVIEW	K. Sudha Rani R. Ravindra Reddy Dr.T.C.Sarma, Dr.K.Satya Prasad	IJEEDC	International	2014
9	Acquiring ECG signals and analysing for different Heart Ailments	Anitha Kulkarni Sruvanthi	IJRET	International	2013

10	Design of Brain Machine Interface through LabVIEW	Nageshwar V., Dr. Y Padma Sai	ISOI	National	2014
11	Design and Implementation of Fuzzy Based Robust Controller for Process Control Instrumentation	Naregalkar Akshay	ICCT 2014, Pune ,India	International	2014
12	Secure Data Transmission using Image Steganography – A LabVIEW approach	C. V. Rambabu, B. Swarnalatha	International Journal of Advance Research in Science and Engineering (IJARSE)	International	Oct 2013
13	Discrete WaveLet Transform in Image Compression using LabVIEW	K. Sudharani, VenkatRao Dr. T.C. Sarma, Dr. K. Satya Prasad	Journal of Instrument Society of India	National	Oct 2013
14	Collaborative Tsunami Detection System with Data Assimilation Using Lab-VIEW	S. Vandana, K.TulasiRam	IJSER- International Journal of Scientific and Engineering Research	International	Jul 2013
15	Automobile Security and Safety System Using LabVIEW	B Gautam, K Vijay Chandra	ICRIEST- AICEEMCS, Dec. 29, 2013, Pune, India	International	Dec 2013
16	Speech Quality Evaluation and Secure Data Transmission using Audio Steganography – A LabVIEW Approach	C V Rambabu, B Swarnalatha	National Symposium on Instrumentation NSI-38, Oct. 24–26, 2013, Hubli, India	National	2013
17	Detection of Epileptic Seizures using LabVIEW	Dr. Y Padma Sai, Nageshwar V	ACEC – 2013, Oct. 12–13, 2013, Zurich, Switzerland	International	2013
18	LabVIEW based steam and Condensate control in Paper manufacturing process	C V Rambabu, A.Aditya Kashyap	National Symposium on Instrumentation NSI-38, Oct. 24–26, 2013, Hubli, India	National	2013

19	EOG based Human Computer Interface	M.Harikrishna,Dr.Malini Mudigonda	National Symposium on Instrumentation NSI-38, Oct. 24–26, 2013, Hubli, India	National	2013
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Academic Year 2012-13					
Sl. No.	Title of paper	Name of the authors/s	Name of journal/Conference	National/International	Year of publication
1	Automatic Detection Age Related Macular Degeneration from Retinal Images	R. Manjula Sri Dr. KMM Rao	IJCST, Asia Pacific Institute of Information Technology SD India. Volume 5, Issue 2, Jan 2013	International	2012
2	Measurement of diameters of Retinal Blood vessels using LabVIEW.	R.ManjulaSri, TLN Rohitha,V.Anusha sree, K.M.M.Rao	Proceedings of ICACCT-2012, at APIIT SD, Panipat on 3rd November 2012,pp308-311.	International	2012
3	Applications of Image Processing Techniques for Automatic Detection of Eye Diseases	R.Manjula Sri, K.M.M.Rao	ICBSII2013 during 14th - 16th March 2013, at Chennai, India, pp8-14.	International	2013
4	Lab VIEW based assessment of CDR for the detection of Glaucoma	R.Manjula Sri, Ch.Madhubabu, K.M.M.Rao:	ICECCN	International	2012
5	Novel Telemedicine System for Rural Healthcare	Vaibhav Jain, P.Spandana, R.ManjulaSri, K.M.M.Rao	International Journal of Earth Sciences and Engineering	International	2012
6	Review of Image Processing Techniques for Automatic Detection of Eye Diseases	R.Manjula Sri, Vaibhav Jain, K.M.M.Rao	SDIA, Hyderabad	International	2013

7	Data Acquisition and control of Level process at remote location using LabVIEW”	S.Pranavanand, S.Harivardhagini	ICACCN-11	International	2013
8	A new automated technique to control the anaerobic digestion process using Virtual Instrument	Harivardhagini,S, S,Pranavanand	IJCEA	International	2012
9	Design and Development of a Low Cost Miniaturized Wind-Solar Hybrid Plant and Performance Optimization using Virtual Instrument	S. Pranavanand S. Harivardhagini, Nikhil, Sandeep	ISOI	National	2012
10	Control of process variables for Remote Applications using LabVIEW and Internet	S. Pranavanand S. Harivardhagini	CVR Journal of Science and Technology	National	2012
11	Hardware implementation of Detection of Glaucoma from retinal images	R.Manjula Sri, M.Raghupathi Reddy, K.M.M.Rao	Book series of Advances in Engineering and Technology series		2013
12	Design & Implementation of PID Controller on FPGA Platform for DC Motor Speed Control	Nageshwar V., K.Swapna	International Journal in Research in Engineering and technology IJRET	International	2013
13	A new quantity for studies of dijet azimuthal decorrelations	Dr. C. Kiran,M. Wobisch,R. Dhullipudi,L. Sawyer,M. Tamsett	JHep		2013
14	Measurement of the combined rapidity and pT dependence of dijet azimuthal decorrelations in pp collisions at $\sqrt{s} = 1.96\text{TeV}$	Dr. Chakravarthula Kiran et.al	Physics Letters B		2013

15	Direct Torque Control using - Neural Network approach	CH. Suresh Kumar ,S. Nagarjuna Chary,E.ChandramohanGoud	International Journal of Research in Engineering and Technology, IJRET	International	2013
16	Face Recognition Office Security System using LabVIEW 8.6	K. Sudha Rani, Dr. T. C. Sarma ,Dr. K. Satya Prasad	International Journal of Electronics Communication and Instrumentation Engineering Research and development	International	2013
17	3-D Image Reconstruction from 2-D Image Using LabVIEW	S. Vandana, N.Sai Swaoop, Siddhartah,	IJEAT- International Journal of Engineering And Advanced Technology	International	2013
18	Real Time Monitoring And Control of Neonatal Incubator Using LabVIEW	Pallerla Akshay Kumar, Naregalkar Akshay, Thati Anush Kumar, Anusha Sama, Badrinath Jagannath	International Journal of Application or Innovation in Engineering &Management,	International	2013
19	Integration And Automation of Systems For Product Identification And Segregation.	Naregalkar Akshay, Karamchedu Spandan Harithas,	International Journal of Application or Innovation in Engineering &Management,	International	2013
20	An Automatic Wave Probe Reference Setting Mechanism in High Speed Towing Tank	A.Adithya,K. Srinivasa Rao,Y. Srinivasa Rao	International Journal of Research in Engineering & Technology	International	2012
21	Synthesis and Image Matching On Structural Patterns Using Affine Transformation	S.Vandana ,K.TulasiRam ,Y.Raja Sree, K.Anitha Sheela	J--International Journal of Computer Science &Communication Networks	International	2012

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22	Text File Encryption using FFT Technique in LabVIEW 8.6	K. Sudha Rani, Dr. T. C. Sarma ,Dr. K. Satya Prasad	International Journal of Research in Engineering and Technology	International	2012
23	Real Time Automated Control of Industrial Processes with PLC–LABVIEW Communication	Naregalkar Akshay, K Uday Sravanth, Rahul	International Journal of Research Science and Technologies	International	2012
24	Multi-Vendor Remote Monitoring and Control System for Hydraulic Drive Systems	Naregalkar Akshay	CVR Journal of Science and Technology	National	2012
25	Signal estimation from Noisy Environment using Adaptive Signal Processing- A LabVIEW Approach	C.V.Rambabu, Dr.P.Srihari	Journal of Engineering Science and Technology-Management (JEST-M)	National	2012
26	Fault detection by using Random and Deterministic test pattern techniques in a mixed mode BIST environment	P.V.Gopi Kumar, C.Ravishanker Reddy, Dr. V.Sumalatha	International Journal of Engineering Research and Applications (IJERA)	International	2012
27	Optimization of Visual Presentation of MRI Image for Accurate Detection of Tumor in Human Brain Using Virtual Instrument	A Pavani Lakshmi, P Samata	Biomedical Engineering International Conference (BMEiCON), Dec. 5–7 2012, Ubon Ratchathani, Thailand	International	2012
28	ECG signal Processing using LabVIEW	Nageshwar V, Dr. Y Padma Sai	ICBSII 2013, Mar. 14–16, 2013, Chennai, India, pp. 236–246	International	2013
29	Review of Image Processing Techniques for Automatic Detection of Eye Diseases	R Manjula Sri, Vaibhav Jain, K M M Rao	ICST 2012, Dec. 19–21 2012, Kolkata, India, pp. 320-325	International	2012