



VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Near Ramoji Film City, Deshmukhi (V), Yadadri Bhuvanagiri Dist., Telangana - 508 284.

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Department of Electronics & Instrumentation Engineering
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Title Of Paper	Name of the author/s	Name of journal	ISSN number
Optimal Energy Consumption Of The Distillation Process And Its Product Purity Analysis Using Ultraviolet Spectroscopy	Eadala Sarath Yadav	ACS Omega, American Chemical Society Publications	2470-1343
Modeling And Control Of Tray Temperature Along With Column Pressure In A Pilot Plant Distillation Column	Eadala Sarath Yadav	SN Computer Science, Springer Publications	2661-8907
Simulation Study Of Distillation Column Using Aspen Plus	Eadala Sarath Yadav, CHVB Aditya kumar	Materials Today: Proceedings, Elsevier Publications	2214-7853
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Online Implementation Of Cascade Predictive PI Control For Nonlinear Processes	Eadala Sarath Yadav	Advances in Communication, Devices and Networking, Springer Publication	Online ISBN978-981-15-4932-8
Analysis Of Programmable Prpg Based Built In Test Compression Capabilities	M AKHILA	IJARST	Volume 10, Issue 04, Apr 2020, ISSN: 2457-0362
Analysis Of A CMOS Power Amplifier To Improve Its Gain	M AKHILA	IJAST	Vol. 29, No. 6, (2020), pp. 4392 - 4398, ISSN: 2005-4238
IC 741 And IC AMP02FP Based Signal Conditioning Circuit For Electrostatic Sensor Using Multisim	P. Srinivas, K. Premsagar, P. Prashanthi Reddy, M. Akhila	(IJITEE)	Volume-9 Issue-5, March 2020 ISSN: 2278-3075



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Emergency Vehicle Controlled Traffic System Based On Rfid Technology With Labview Simulation	Dr. Vasu babu M , Dr.S Prasanna, T Janardhan, Prasad babu K	JOURNAL OF CRITICAL REVIEWS	ISSN- 2394-5125, VOL 7, ISSUE 12, 2020
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Plc And Scada For Coal Belt Conveyor Monitoring And Fault Detecting Using Real-Time Sensors	K. Padma leela ,K. Prasad babu, T. Swathi	JES	Vol.11, Issue-6, ISSN No. 0377-9254
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Iot Based Approximation And Temperature Control System Using Raspberry Pi 3	K. Prasad babu , Pinninti Prashanthi, Papani Srinivas & Prem Sagar Konapally	ASL	v26, NUM-05, MAY/2020, E-ISSN:1936-7317
Iot Based Approximation And Temperature Control System Using Raspberry Pi 3	K. Prasad babu, Pinninti Prashanthi , Papani Srinivas & Prem Sagar Konapally	ASL	v26, NUM-05, MAY/2020, E-ISSN:1936-7317
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A study on edge preserving decomposition using WLS frame work	B Rajesh , S prasanna, K Prem Sagar	Global Journal of Advanced Engineering Technologies	ISSN: 2277-6370
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Quality improvement in instrumentation and its production quality using Machine Learning Algorithms	E Rakesh, Seshapu Prasanna	3rd National Conference on Emerging Technologies in computer science and engineering-2020	ISBN NO: 978-81-945588-1-1
Implementation of Leakage Power Reduction Techniques in Field Programmable Device	Seshapu Prassanna , Prem Sagar Konapally, Papani Srinivas	(IJEAT)	ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019
Implementation of Leakage Power Reduction Techniques in Field Programmable Device	Seshapu Prassanna, Prem Sagar Konapally , Papani Srinivas	(IJEAT)	ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019
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Temperature profile tracking in a pilot plant batch reactor heating using MPC and Cascade controllers	Eadala Sarath Yadav	(ICRTST)	
Application of Wavelet Based Security and Compression Techniques for Biomedical Instrumentation Signals	Seshapu Prassanna , Papani Srinivas	(IJITEE)	ISSN: 2278-3075, Volume-9 Issue-4, February 2020
Application of Wavelet Based Security and Compression Techniques for Biomedical Instrumentation Signals	Seshapu Prassanna, Papani Srinivas	(IJITEE)	ISSN: 2278-3075, Volume-9 Issue-4, February 2020
Microprocessor Based Digital Filter Averager	Seshapu Prasanna	RRJ	ISSN: 2455-3085 (Online)
Modelling And Simulation Of Wavelet Based Security And Compression Techniques For Biomedical Signals	SESHAPU PRASANNA	International Journal of Scientific Research and Review	Volume 8, Issue 5, 2019, ISSN NO: 2279-543X
Design of Memristor Model Based Logarithmic Amplifier	P.Srinivas , K.PremSagar, P.Prashanthi Reddy, M.Akhila	IJRAR	Volume 7, Issue 1, E-ISSN 2348-1269, P- ISSN 2349-5138



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Memristor Emulator Modeling Using Multisim	K.Premsagar , P.Srinivas	IJSTR	VOLUME 9, ISSUE 01, JANUARY 2020 ISSN 2277-8616
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Unused Water Level Observing Structure Implementation Using Labview And Arduino	K Premsagar , M Akhila, P Prashanthi Reddy, P Srinivas	JOURNAL OF CRITICAL REVIEWS	ISSN- 2394-5125 VOL 7, ISSUE 12, 2020
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Review of Recent Superconducting Nanowire Single Photon Detector System Modeling Methods and Demonstrated Applications	Annepu Venkata Naga Vamsi , Papani Srinivas	International Journal of Scientific & Engineering Research	Volume 10, Issue 7, July-2019 286, ISSN 2229-5518



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An Efficient Model Based Approach With Risk Metrics In Embedded Systems	THATIKONDA SWATHI	The International journal of analytical and experimental modal analysis	Volume XII, Issue VI, June/2020, ISSN NO:0886-9367
An Advanced Instrument To Design Machine Condition Monitoring System	THATIKONDA SWATHI	The International journal of analytical and experimental modal analysis	Volume XI, Issue XI, November/2019, ISSN NO: 0886-9367
Design, Sensitivity Enhanced Analysis of MEMS CAPS Structures for BP and Glaucoma Measurement	Vasu Babu. M	International Journal of Advanced Science and Technology	Vol. 29, No. 7, (2020), pp. 8057-8066, ISSN: 2005-4238 IJAST