



CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

(Autonomous)

Kokapet (Village), Gandipet, Hyderabad, Telangana – 500075

www.cbit.ac.in

Criteria	Criterion III: Research, Innovations and Extension
Key Indicator – 3.4	Research Publications and Awards
Metric 3.4.3	Number of research papers per teachers in the Journals notified on UGC website during the last five years
Findings of DVV	Kindly provide the following documents. 1. Web-link provided by institution in the template which redirects to the journal webpage published in UGC notified list

SUMMARY OF RESEARCH PAPERS PER TEACHERS IN THE JOURNALS NOTIFIED ON UGC WEBSITE DURING THE LAST FIVE YEARS

2021-22	2020-21	2019-20	2018-19	2017-18	
223	423	268	192	150	



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COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

44
years

3.4.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years (5)

3.4.3.1: Number of research papers in the Journals notified on UGC website during the last five years

AY 2019-20

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	Link to the recognition in UGC enlistment of the Journal	
					Link to website of the Journal	Link to article/paper/abstract of the article
Effect of accelerated curing on strength of quaternary blended cement concrete with recycled aggregate	Akula, V., Sastri, M.V.S.S., Mahender, P., Rao, K.J.	Civil	Key Engineering Materials	2020	https://www.scientific.net/KEM	https://www.scientific.net/KEM.882.247
Effect of recycled aggregate on shear behavior of steel fiber reinforced self compacting concrete	Praveen, K., Venkateswara Rao, S., Rathish Kumar, P	Civil	Indian Concrete Journal	2020	https://www.icjonline.com/	https://www.scopus.com/record/display.uri?eid=2-s2.0-85083763358&origin=resultslist&sort=plf-f&featureToggles=FEATURE_NEW_DOC_DETAILS_EXPORT:1,FEATURE_EXPORT_REDESIGN:0

Mix design for fly ash based geo-polymer concrete	R Swamiranga Reddy (CED,CBIT)	Civil	Journal of Engineering Sciences	2020	https://www.jespublication.com/	https://jespublication.com/upload/2020-200676.pdf
Driving Cycle Estimation and Validation for Ludhiana city, India	Poojari Yugendar(CED,CBIT) , Kalaga Ramachandra Rao , Geetam Tiwari	Civil	International Journal for Traffic and Transport Engineering	2020	http://ijtte.com/	http://ijtte.com/uploads/2020-04-22/b2dddef4-9b9d-64c8ijtte.2020.10(2).08.pdf
A study on fly ash cement mortar as brick masonry	Dr. D. R. Seshu and Dr. N. R. Dakshina Murthy (CED,CBIT)	Civil	Cement Wapno Beton	2020	http://cementwapnobeton.pl/wp-2019/	http://cementwapnobeton.pl/wp-2019/blog/2020/04/2020-01-05/
IOT Based Water Purification Process using Ultrasonic Aquatic Sound Waves	C.Jenifa Latha, Ramanarayan Sankriti (CED,CBIT) , Arokiaraj David and R. Srivel	Civil	Test Engineering & Management	2020	http://www.testmagzine.biz/index.php/testmagzine	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3557318
IOT Based Smoke Test and Vehicle Pollution Control Monitoring Using Nano Sensors	Ramanarayan Sankriti (CED,CBIT), Esaiyarasi G, R Chandrasekharan and R. Srivel	Civil	Test Engineering & Management	2020	http://www.testmagzine.biz/index.php/testmagzine	http://testmagzine.biz/index.php/testmagzine/article/view/6113
Impact of Dyke on Hydrological and Hydrogeochemical Conditions in Nadergul Micro Watershed of Ranga Reddy District of Telangana State in India	Ramanarayan Sankriti	Civil	Solid State Technology	2020	http://solidstatetechnology.us/index.php/JSST	http://solidstatetechnology.us/index.php/JSST/article/view/1669
Cloud Computing based COVID-19 Patient Health Monitoring System to Create Safety Environment	Ramnarayan Sankirti(CED,CBIT), Yamini Kodali, Bhagyasri Perala, and Srikanth Nalluri	Civil	Solid State Technology	2020	http://solidstatetechnology.us/index.php/JSST	http://solidstatetechnology.us/index.php/JSST/article/view/2056
Strength behavior analysis of fiber reinforced fly ash concrete	Dr.P.Yugendar (CED, CBIT) and Dr. K Vishnu	Civil	Materials Today: Proceedings, Elsevier	2020	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785320375878

Experimental investigations on injection timing variation at an injector opening pressure of 190 bar on semi adiabatic diesel engine with exhaust gas recirculation	G.Sainna, M.V.S. Murali Krishna and P.Usha Sri	Mech	International Journal of Mechanical Engineering & Technology	2020	http://iaeme.com/ijmet/index.asp	https://www.doi.org/10.34218/IJMET.11.10.2020.003
Analysis of Characteristics of Launcher Missile System and Its Optimization to Reduce Tip-Off Effect During Launch	Ravinder Reddy P., Dhanalaxmi A., Rakesh M., Chandramouli G	Mech	Learning and Analytics in Intelligent Systems	2020	https://www.springer.com/series/16172	10.1007/978-3-030-24314-2_52
A Comparative Study on Performance of 3D-Printed EDM Electrode with Conventional EDM Electrode	Mahipal Reddy L., Siva Rama Krishna L., Sharath Kumar S., Ravinder Reddy P	Mech	Lecture Notes in Mechanical Engineering	2020	https://www.springer.com/series/11236	https://doi.org/10.1007/978-981-15-1124-0_19
Structural Analysis of Pressurized Canister	Ravinder Reddy P, Sai Kiran C, Chandramouli G	Mech	International Journal of Innovative Research in Science, Engineering and Technology	2020	https://www.iomcworld.org/innovative-research-science-engineering-technology.html	http://www.ijirset.com/upload/2020/april/35_Structural_NC.PDF
Buckling Analysis of Laminated Composite Cylindrical Shells	P. Ravinder Reddy, H. Praveen Kumar, P. Shashikanth Reddy	Mech	International Journal of Innovative Research in Science, Engineering and Technology	2020	https://www.iomcworld.org/innovative-research-science-engineering-technology.html	https://www.ijert.org/research/buckling-analysis-of-laminated-composite-cylindrical-shells-subjected-to-axial-compressive-loads-using-finite-element-method-IJERTV2IS1370.pdf
Experimental Studies on Launch Dynamics of Slant Launched Surface to Air Flight Vehicle	G.Chandramouli, P.Ravinder Reddy, P.Laxminarayana, Mondeep Borthakur	Mech	International Journal of Mechanical Engineering and Technology	2020	https://iaeme.com/Home/journal/IJMET	10.34218/IJMET.11.5.2020.003

Vibrational Analysis of Rotor Dynamic System Using FEA	P. Ravinder Reddy, B. Bharath kumar	Mech	International Journal of Mechanical and Production Engineering Research and Development	2020	http://ijmpe.iraj.in/	10.24247/ijmperdjun202031
Comparative analysis of the orientation dependent tensile deformation of commercially pure titanium and titanium alloy OT 4-1	A. M. Vemula, G. C. M. Reddy and M. M. Hussain	Mech	Elsevier: Materials Today: Proceedings	2020	https://www.journals.elsevier.com/materials-today-proceedings	10.1016/j.matpr.2020.07.357
Design and Development of a Fuzzy Logic Controller for Prediction of TIG welded Al-65032 Specimens	G Chandra Mohan Reddy & PVR RavindraReddy	Mech	The International journal of analytical and experimental modal analysis	2020	http://www.ijaema.com/	http://www.ijaema.com/gallery/52-ijaema-may-3905.pdf
Parametric Optimization During Wire EDM Taper Cutting on AISI D2 Steel Using Desirability Function	Uday Kiran K.L., Abbas S.Z., Saraswathamma K., Chandra Mohan Reddy G., Prasad A.M.K.	Mech	Learning and Analytics in Intelligent Systems	2020	https://www.springer.com/series/16172	https://doi.org/10.1007/978-3-030-24314-2_68
Prediction and Comparison of the Dilution and Heat Affected Zone in Submerged Arc Welding (SAW) of Low Carbon Alloy Steel Joints	M. Sailender, R. Suresh, G. Chandramohan Reddy, Sriram Venkatesh	Mech	Measurement (Elsevier)	2020	https://www.journals.elsevier.com/measurement	https://doi.org/10.1016/j.measurement.2019.107084
Effect of Various Parameters on the Bead Geometry and Flexural Strength of MIG Welded Joint	P.V.R Ravindra Reddy, G.Chandra Mohan Reddy, B.V.S Rao, G.Laxmaiah	Mech	International Journal of Innovative Technology and Exploring Engineering	2020	https://www.ijitee.org/	10.35940/ijitee.C8098.019320

Experimental investigations on semi, adiabatic diesel engine with exhaust gas recirculation fuelled with tamarind biodiesel	G. Sayanna, M.V.S.Murali Krishna and P.Usha Sri	Mech	International Journal of Production Technology & Management	2020	https://serialsjournals.com/index.php?route=product/product&path=69&product_id=583#:~:text=The%20International%20Journal%20for%20Production,on%20Production%20Technology%20and%20Management.	https://iaeme.com/MasterAdmin/Journal_uploads/IJPTM/VOLUME_11_ISSUE_1/IJPTM_11_01_002.pdf
Butanol blend reduces pollutants in spark ignition engine	Ipsita Mohanti, M V S Murali Krishna, and M.Ravi Chandra	Mech	International Journal of Mechanical and Production Engineering Research and Development	2020	http://ijmpe.iraj.in/	10.24247/ijimperdapr2020100
Experimental investigations on exhaust emissions of semi-adiabatic diesel engine with exhaust gas recirculation	G.Sainna, M.V.S. Murali Krishna, P.Usha Sri and M.Ravi Chandra	Mech	International Journal of Production Technology & Management	2020	https://serialsjournals.com/index.php?route=product/product&path=69&product_id=583	http://www.envirobiotechjournals.com/PR/vol39i32020/Poll%20Res-23.pdf
Development of a Fuzzy Logic Controller for the Estimation of Ultimate Tensile Strength for the TIG welded Al-65032	P.Radha Krishna Prasad, P.V.R.Ravindra Reddy	Mech	International Journal of New Innovations in Engineering and Technology	2020	https://www.ijniet.org/	http://www.ijniet.org/wp-content/uploads/2020/05/15.pdf
Development and evaluation of water absorption, compression and impact properties of okra Nanofibrillated cellulose reinforcement in epoxy resin composites	M. Indira Rani, Ajmeera Ramesh, K. Ramu, N.V. Srinivasulu	Mech	Materials Today: Proceedings	2020	https://www.journals.elsevier.com/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2019.08.123
Performance Evaluation of Copper Coated Aluminum Electrodes in EDM Process	Prabhakar Reddy.P, Akhilesh.K, Manideep.G, Sai	Mech	International Journal of Innovative	2020	http://www.ijiset.com/	http://ijiset.com/vol7/v7s7/IJISSET_V7_I7_42.pdf

	Krishna.P		Science, Engineering & Technology			
Experimental stress Analysis of Rocket Motor Casing Using Elasto-Plastic Strain Theory	Dr. G. Laxmaiah, Dr. S. Solomon raj, Dr P.V.R Ravindra Reddy	Mech	International Journal of Mechanical and Production Engineering Research and Development	2020	http://ijmpe.iraj.in/	10.24247/ijmperdjun2020381
Design, Analysis and Optimization of 6 DOF Robotic ARM	Dr. S. Solomon Raj, Dr. G. Laxmaiah, Mr. N. Sandeep	Mech	International Journal of Mechanical and Production Engineering Research and Development	2020	http://ijmpe.iraj.in/	10.24247/ijmperdjun2020523
Strut flame holder performance for supersonic combustion using computational fluid dynamics	Ch.Indira Priyadarsini, T.Ratna Reddy, Rajesh chitimiredd	Mech	International Journal of Research and Analytical Reviews	2020	https://www.ijrar.org/	http://doi.org/10.1729/Journal.23995
Pollution Levels of Diesel Engine With Vegetable oil - Alcohol operation at Different Injection Timings	V.V.R.Seshagiri Rao, R.P.Chowdary	Mech	The International journal of analytical and experimental modal analysis	2020	http://www.ijaema.com/	https://www.ijtee.org/wp-content/uploads/papers/v9i6/F4346049620.pdf
Performance of Used Cooking Oil Based Biodiesel in a Low Heat Rejection Diesel Engine	Dr. R.P.Chowdary, Dr. V.V.R.SeshagiriRao	Mech	International Journal of New Innovations in Engineering and Technology	2020	https://www.ijniet.org/	http://www.ijniet.org/wp-content/uploads/2020/04/5.pdf
Performance of Waste Fried Oil based Biodiesel in a Stationary Diesel Engine	R.P. Chowdary, N.Janardhan	Mech	International Journal of Innovative Technology and	2020	https://www.ijtee.org/	https://www.ijtee.org/wp-content/uploads/papers/v9i6/F4346049620.pdf

			Exploring Engineering			
Performance of Semi Adiabatic DI Diesel Engine with Supercharged air using Crude Jatropa Oil	N.Janardhan, R.P. Chowdary	Mech	International Journal of Soft Computing and Engineering	2020	https://www.ijscce.org/	10.35940/ijscce.E3344.019520
Investigation Of Damage Detections On Glass/Jute-Epoxy, Glass-Epoxy And Jute-Epoxy Composite Beams With An Edge Crack	Venkata Sushma Chinta, P Radha Krishna Prasad	Mech	International Journal of Mechanical And Production Engineering Research and Development	2020	http://ijmpe.iraj.in/	10.24247/ijmperdjun202037
Analysis of Nose Cone of Missile	P. Kiran kumar	Mech	International Journal of Engineering Research and Applications	2020	https://www.ijera.com/	https://www.ijera.com/papers/vol10no7/Series-3/E1007032435.pdf
Investigation on Mechanical Properties Of Ferritic and Austenitic Stainless Steels Joint (Dissimilar) Using Plasma Arc Welding	Dr. L.Suresh Kumar, V. Jaipal Reddy, P. Surendar Reddy	Mech	International Journal of Mechanical And Production Engineering Research and Development	2020	http://ijmpe.iraj.in/	10.24247/ijmperdjun2020595
Impact of spark ignition timing on pollutants of modified combustion chamber of SI engine,	Yarramsetty Nagini, Maddali V S Murali Krishna and S.Naga Sarada	Mech	International Journal of Mechanical and Production Engineering Research and Development	2020	http://ijmpe.iraj.in/	https://drive.google.com/file/d/1-2Tkqv6iX5GBFklgrEDZyCHQqhFziHaN/view?usp=sharing
Design of Mini Tractor Cage Wheel For Wet Land Ploughing	Indira Priyadarsini, M.Shubhapradha	Mech	International Journal of New Innovations in	2020	https://www.ijniet.org/	http://www.ijniet.org/wp-content/uploads/2020/03/1.pdf

			Engineering and Technology			
Manufacturing and testing of composite rod for replacement of mild steel for construction purpose	Varimadugu Sandhya & Jyothirmayi Narne	Mech	International Journal of Mechanical and Production Engineering Research and Development	2020	http://ijmpe.iraj.in/	10.24247/ijmperdjun2020270
Performance of Catalytically Activated Two Stroke SI Engine with Alternate Fuels with Catalytic Converter	S. Narasimha Kumar	Mech	International Journal of Scientific Research and Engineering Development	2020	http://www.ijred.com/	http://www.ijred.com/volume3/issue3/IJSRED-V3I3P177.pdf
Experimental Study of the Effects of Biodiesel on the Performance of a Ceramic Coated diesel engine	S. Narasimha Kumar	Mech	International Journal of Creative Research Thoughts	2020	https://ijcrt.org/	https://www.ijcrt.org/papers/IJCRT2006380.pdf
Experimental analysis of composite brake linings	Dr. BVS Rao, P. Aajani Devi	Mech	International Journal of Mechanical and Production Engineering Research and Development	2020	http://ijmpe.iraj.in/	10.24247/ijmperdjun202096
Smart E-Commerce Application With Secure Blockchain	Dr. B. Veera Jyothi, Dr. Rahul and V.Jaipal Reddy	Mech	International Journal of Mechanical and Production Engineering Research and Development	2020	http://ijmpe.iraj.in/	http://www.tjprc.org/publicshpapers/2-67-1596773470-IJMPERDJUN2020682.pdf
Selective Laser Melting of Single Track on Ti-6Al-4V Powder: Experimentation	Manowar Hussain, Pranshul Gupta, P. Kumar, A. K. Das	Mech	Arabian Journal for Science and Engineering	2020	https://www.springer.com/journal/13369	https://doi.org/10.1007/s13369-019-04263-1

and Finite Element Analysis			(Springer)			
A Study on Welding of Thin Sheet of Ti6-Al-4V Alloy Using Fiber Laser and Its Characterization	M Hussain, GN Ahmad, P Kumar	Mech	Lecture Notes in Mechanical Engineering	2020	https://www.springer.com/series/11236	10.1007/978-981-15-1124-0_24
Optimization of Micro-electro Discharge Drilling Parameters of Ti6Al4V Using Response Surface Methodology and Genetic Algorithm	P Kumar, M Hussain	Mech	Advances in Intelligent Systems and Computing	2020	https://www.springer.com/series/11156	https://doi.org/10.1007/978-981-15-3215-3_44
Effects of Micro-EDM Parameters on the Surface Integrity of the Micro-Holes Fabricated on Nickel Sheet	P Kumar, M Hussain	Mech	Lecture Notes in Mechanical Engineering	2020	https://www.springer.com/series/11236	https://doi.org/10.1007/978-981-15-1124-0_23
A compressive study on CFD analysis with sea water and engine oil of Heat Exchanger plate type	D Ravi	Mech	Journal of Xi'an University of Architecture & Technology	2020	https://www.xajzkjdx.cn/	https://www.xajzkjdx.cn/gallery
Critical Elements Based Optimal PMU Placement Considering Substation Coverage	N. V. Phanendra BABU, P. Suresh BABU, D. V. S. S. Siva SARMA,	EEE	International Journal on Electrical Engineering and Informatics	2020	http://www.ijeei.org/ai.ms.html	http://www.ijeei.org/docs-21211847615f72f52655a01.pdf
A Simplified Control Strategy for An Enhanced Performance of Six Level Dual Inverter fed Induction Motor Drive	P.V. Prasad, N. Usha, K. Ramesh Reddy	EEE	International Journal of Engineering and Advanced Technology (IJEAT)	2020	https://www.ijeat.org/	https://www.ijeat.org/wp-content/uploads/papers/v8i6/F8164088619.pdf
A Distribution network reconfiguration using GA and BPSO	P.V. Prasad, M. Balasubba Reddy	EEE	i-manager's Journal on Power Systems	2020	https://imanagerpublications.com/	https://imanagerpublications.com/index.php/article/15802

			Engineering			
A Novel Technique to Observe the Performance of Virtual Solar PV Module System	G. Suresh Babu, N. Sai Varun	EEE	Innovations in Electrical and Electronics Engineering,	2020	https://link.springer.com/book/10.1007/978-981-15-4692-1#:~:text=The%20work%20focuses%20on%20the,control%2C%20and%20automation%20and%20instrumentation%2C	https://link.springer.com/chapter/10.1007/978-981-15-2256-7_59
Inverse Definite Minimum Time Relay Coordination in Radial Traction System	G. Suresh Babu, Sivasankar Venugopal, T. Murali Krishna	EEE	International Journal of Electrical Engineering & Technology	2020	https://iaeme.com/Home/journal/IJEET	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3657122
Performance Evaluation of DC Electric Spring Placed in Micro Grid Systems Using Solar PV Emulator	G. Suresh Babu, T. Murali Krishna, C. Srisailam, N. Vasantha Gowri	EEE	International Journal of Electrical Engineering & Technology	2020	https://iaeme.com/Home/journal/IJEET	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3658023
Performance analysis of DC-DC converter based standalone PV system using cloud connected Solar PV Emulator	G. Suresh Babu, N. R. SaiVarun, T. Murali Krishna, C. Harish, D. Harsha	EEE	Strad Research Journal	2020	http://stradresearch.org/	https://drive.google.com/file/d/1u2czCQPJEyhOFPaLOzVrGoilI5Z--uHb/view
Security Constrained Optimal Power Flow Problem Solution with Practical Constraints using HALOA	M. Balasubba Reddy	EEE	International Journal of Innovative Technology and Exploring Engineering	2020	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i3/C8376019320.pdf
Squirrel Search Algorithm for Solving Optimal	M. Balasubba Reddy, Divyanshi	EEE	International Journal of	2020	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9

Reactive Power Dispatch Problem with FACTS Device	Dwivedi		Innovative Technology and Exploring Engineering			i3/C8577019320.pdf
Performance Evaluation of Different Structures of Power system Stabilizers	M. Balasubba Reddy, G V K Murthy, K Sowjan Kumar	EEE	International Journal of Electrical and Computer Engineering	2020	http://ijece.iaescore.com/index.php/IJECE	http://ijece.iaescore.com/index.php/IJECE/article/view/17606/14600
Design and Development of a Hybrid Micro-Grid System using State of Art Multi-Objective Optimization Technique	M. Balasubba Reddy	EEE	Journal of Interdisciplinary Cycle Research	2020	http://www.jicrjournal.com/	http://www.jicrjournal.com/gallery/164-jicr-june-2904.pdf
Performance and cost analysis for 400kWp Grid Connected PV system in Tirupati using PVsyst software	M. Balasubba Reddy	EEE	International Journal of Advanced Science and Technology	2020	http://sersc.org/journals/index.php/IJAST/index	http://sersc.org/journals/index.php/IJAST/article/view/24688
Power Quality Enhancement using Unified Power Quality Conditioner	B. Suresh Kumar , S.Praveena,K.Tarun	EEE	A Journal Of Composition Theory	2020	http://www.jctjournal.com/	https://app.box.com/s/fcxc4l9w669c16ttakjh4f2evut7c07q
Reduction of Negative Sequence Correction in Grid Interfacing Inverter with Integrated Voltage Unbalance Correction	B. Suresh Kumar, Ramu.S, S.Praveena	EEE	Aegaeum Journal	2020	http://aegaeum.com/	http://aegaeum.com/gallery/agm.i-2595.23-f.pdf
Modeling and Simulation of Linear Electro Mechanical actuator for Missile Application with high redundancy	B. Suresh Kumar, S. Praveena K. Sindhu Priya	EEE	Mukt Shabd Journal	2020	http://shabdbooks.com/	http://shabdbooks.com/gallery/168-april2020.pdf

Performance of BLDC Motor for Enhancing the Response of Antenna's Positioners using PI Controller	B. Suresh Kumar, Varun Raj.D, S. Praveena	EEE	Innovations in Electronics and Communication Engineering	2020	https://link.springer.com/book/10.1007/978-981-15-3172-9	https://link.springer.com/chapter/10.1007/978-981-15-3172-9_18
Speed Control of BLDC Motor with PI Controller and PWM Technique for Antenna's Positioner	B. Suresh Kumar, D.Varun Raj, D.Venkateshwara Rao	EEE	Lecture Notes on Data Engineering and Communications Technologies	2020	https://www.springer.com/series/15362	https://link.springer.com/chapter/10.1007/978-3-030-32150-5_43
MPPT Scheme Intended for Photovoltaic Arrays in Partial Shading Situations Based Fuzzy Logic Controller	B.Harika, B. Suresh Kumar	EEE	Journal of Interdisciplinary Cycle Research	2020	http://www.jicrjournal.com/	https://app.box.com/s/78n95nnejoc87muw4t08pzfy7ekd4cd4
Performance of Five Level Inverter with Different Multilevel Topologies	T. Murali Krishna, B. Geethanjali, N. Gouthami, L. Udaysree	EEE	Strad Research Journal	2020	http://stradresearch.org/	https://drive.google.com/file/d/1V9DqmnSVpmUI715Ajb93Wlg88RV9QDYN/view
A Novel Modified Voltage Oriented Control of an Active Front-End Rectifier used for PMSG based Wind Turbine Systems	Kowstubha Palle, A. Bhanuchandar	EEE	International Journal of Innovative Technology and Exploring Engineering	2020	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i8/H6567069820.pdf
Comparison of Symmetric and Asymmetric Cascaded H-Bridge Multilevel Inverters using Multicarrier PWM Technique	Devareddy Harsha, Harish, Thakkallapelli Gokul Chandra, Patakula, Kiran Kumar Thatikayala	EEE	International Research Journal of Engineering and Technology	2020	https://www.irjet.net/	https://www.irjet.net/archives/V7/i6/IRJET-V7I6585.pdf

Control Quality Enhancement of Inverted Pendulum Using Fractional Controller	K Muralidhar Goud, C. Srisailam	EEE	Innovations in Electrical and Electronics Engineering, Lecture notes in Electrical Engineering,	2020	https://link.springer.com/book/10.1007/978-981-15-4692-1	https://link.springer.com/chapter/10.1007/978-981-15-2256-7_64
Control and state of charge balancing algorithm for modular multilevel STATCOM with distributed ultracapacitor-based energy storage system at the DC link	Anil Bharadwaj, Suman Maiti	EEE	International Transactions on Electrical Energy Systems	2020	https://onlinelibrary.wiley.com/journal/20507038	https://onlinelibrary.wiley.com/doi/epdf/10.1002/2050-7038.12282
Instantaneous Symmetrical Component Theory (ISCT) Controller for Mitigation of Harmonics in Micro-grid System	Devireddy Sathish, Gajangi Arun Kumar, Chowdary Vinay Kumar	EEE	International Journal of Innovative Technology and Exploring Engineering	2020	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i8/H6346069820.pdf
An Improved MOSFET Neutral-Point-Clamped Full-Bridge Transformerless Inverter for High Efficiency Distributed Photovoltaic System	Ahmad Syed, Tara Kalayani, Sandipamu, Freddy Tan Kheng Suan	EEE	International Journal of Advanced Science and Technology	2020	http://sersc.org/journals/index.php/IJAST/index	http://sersc.org/journals/index.php/IJAST/article/view/2987
Iterative Channel Estimation for GFDM System Based on MAP Algorithm	Ch.Navitha	ECE	International journal of Applied Sciences, Engineering and Management	2020	http://www.srcpublications.com/issue.php	https://drive.google.com/open?id=1qRMCPcbinrL-JUm3a6ssHAJHDp6PnLrl

Analysis of Ionospheric Scintillations of NavIC L5 and S-band Signals over Low Latitude Indian Region	KaithaPraveena, Perumalla Naveen Kumar, D.Krishna Reddy, N.Santhosh	ECE	Journal Procedia Computer Science, Elsevier, ScienceDirect	2020	https://www.sciencedirect.com/journal/procedia-computer-science	https://doi.org/10.1016/j.procs.2020.04.106
Predictive Data Optimization of Doppler Collision Events for NavIC System	P.Sathish and D. Krishna Reddy	ECE	Numerical Optimization in Engineering and Sciences. Advances in Intelligent Systems and Computing	2020	https://www.springer.com/series/11156	https://doi.org/10.1007/978-
Design and Analysis of an Energy Efficient 4-bit Barrel Shifter Circuits in 45nm Technology	Neeraja B, RamyaK	ECE	International Journal of Engineering and Advanced Technology (IJEAT)	2020	https://www.ijeat.org/	https://www.ijeat.org/portfolio-item/d7596049420/
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Design of Static CMOS 16 Bit High Speeds and Low Power Consumption Hybrid Adder Circuit using Brent Kung Adder	M. Ramana Reddy	ECE	International Journal of Recent Technology and Engineering (IJRTE)	2020	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i6/E6559018520.pdf
IoT BASED AIR AND SOUND POLLUTION MONITORING SYSTEM USING MACHINE LEARNING ALGORITHMS	M. Ramana Reddy	ECE	Journal of ISMAC (2020).	2020	https://irojournals.com/iroismac/	https://www.irojournals.com/iroismac/V2/I1/02.pdf
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Chat Application via UDP Protocol in C	A. Krishna Kumar	ECE	International Journal for Research in	2020	https://www.ijraset.com/	https://www.ijraset.com/fileserve.php?FID=28571

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Analysis and Recognition of Bilingual Handwritten Scripts	PanyamNarahariSastry, G. Akhil, VaishnaviSuthram	ECE	International Journal of Recent Technology and Engineering (IJRTE), Blue Eyes Intelligence Engineering & Sciences Publication	2020	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i6/F8538038620.pdf
Recognition of Offline Handwritten Characters using 2D-FFT for English and Hindi Scripts	Panyam NarahariSastry, Mohammed Sameer Syed	ECE	International Journal of Engineering and Advanced Technology (IJEAT), Blue Eyes Intelligence Engineering & Sciences Publication	2020	https://www.ijeat.org/	https://www.ijeat.org/portfolio-item/d7339049420/
A Systematic Review on Open Networking Challenges in IoT Domain	Isha Padhy	CSE	International Journal of Computer Science and Mobile Computing (IJCSMC)	2020	https://www.ijcsmc.com/	https://ijcsmc.com/docs/papers/October2020/V9I10202018.pdf
A Self-Assurance Method Based on Trust Estimation for Secure Routing in MANET	T.Shekar Reddy, Dr.Y.Ramadevi	CSE	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020	www.jetir.org	http://www.ijitee.org/wp-content/uploads/papers/v9i6/F4380049620.pdf

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An intelli AFM: An intelligent association based fuzzy rule miner to predict high blood pressure using bio-psychological factors	Satyanarayana Nimmala , Dr. Y. Ramadevi , Manasa K. , Rambabu Bandi	CSE	Intelligent Decision Technologies	2020	https://link.springer.com	https://content.iospress.com/doi/10.3233/IDT-190156
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Prevention of Routing Attacks using Trust-Based Multipath Protocol	S. Ananthakumaran, M. Sathishkumar, R. Bhavani, R. Ravinder Reddy	CSE	International Journal of Advanced Trends in Computer Science and Engineering	2020	http://www.warse.org/IJATCSE/	https://www.warse.org/IJATCSE/static/pdf/file/ijatcse227932020.pdf
Truth Discovery in Big Data Social Media Sensing Applications	Omar Ahmad, Dr. Sangeeta Gupta, Mohammed	CSE	The International Journal of Innovative	2020	https://d1wqtxts1xzle7.cloudfront.net	https://www.ijtee.org/portfolio-item/h6311069820/

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Automated Document Grading using Principal Component Analysis	Srujana Inturi, Madhuri Venu , Rachana Kavukuntla	CSE	International Journal of Advanced Science and Technology	2020	http://sersc.org/journals/index.php/IJAST	http://sersc.org/journals/index.php/IJAST/article/view/3563
Performance Analysis of CNN Models to predict Driver distraction	A.Sangeetha, D Pranav, P Pradeep Chouhan	CSE	Journal of Interdisciplinary Cycle Research	2020	http://www.parishodhp.com	http://jicrjournal.com/gallery/142-jicr-june-2881-1.pdf
Heart Disease Prediction Using Hybrid Technique	G.Vanitha, Shalini K, Shivani C	CSE	Journal of Interdisciplinary Cycle Research	2020	http://www.parishodhp.com/gallery/70-october-2182.pdf	https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwib68z-nvL2AhXktlYBHXOYBBMQFnoECA8QAQ&url=http%3A%2F%2Fwww.jicrjournal.com%2Fgallery%2F106-jicr-june-2852.pdf&usg=AOvVaw23aiP1_2KUIDUZaiPebV3l
Implementation of Search Engine for Providing Multi Search Modes Which Displays the results Containing the Description of the Disease and Drugs Used for Treatment	K. Mary Sudha Rani	CSE	International Journal of Advance Science and Technology	2020	http://sersc.org/journals/index.php/IJAST	https://drive.google.com/file/d/1yLE6TIBn5cZFVFsI60djLIFxGSsgHiT_/view?usp=share_link
A comprehensive Overview on Building A Search Engine Which Provides Information of The Disease	K. Mary Sudha Rani	CSE	International Journal of Advanced science and technology	2020	International Journal of Advanced Science and Technology (sersc.org)	https://drive.google.com/file/d/1x1H9CxyFgTGVVE4IU6ZJQwLM6OscfpcZ/view?usp=share_link

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Analysis And Prevention Of Road Accidents Using Machine Learning	Kavita Agarwal	CSE	Advanced Science Letters UGC CARE	2020	https://www.openaccessjournal.com/journal/415/Advanced-science-letters	https://drive.google.com/file/d/1Bk6y21LinYmkVbsNej3cGW2O9_ovNfy/view?usp=share_link
Book Recommendation System using Neo4j Graph Database	D. Naga Jyothi	CSE	The International journal of analytical and experimental modal analysis (IJAEMA)	2020	http://www.ijaema.com/	https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKewj12b69ovL2AhWzTWwGHUOXCHEQFnoECAMQAQ&url=http%3A%2F%2Fwww.ijaema.com%2Fgallery%2F55-ijaema-june-4051.pdf&usg=AOvVaw0YT_N6uIH4HgfWUIR1LKZN
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Smart Goggles for the Blind Using LBPH Face Recognizer	A. Mohan	CSE	International Journal of Advanced Science and Technology	2020	http://sersc.org/journals/index.php/IJAST/index	http://sersc.org/journals/index.php/IJAST/article/view/30566

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Building CoronaVirus Awareness bot Using Machine Learning APIs	Kommu Gangadhara Rao	IT	Journal of Interdisciplinary Cycle Research	2020	http://www.jicrjournal.com/	DOI:18.0002.JICR.2020.V12I6.008301.3171213
Thyroid Diagnosis Using Multilayer Perceptron	Dr D Lakshmi Sreenivasa Reddy	IT	<u>Advances in Decision Sciences, Image Processing, Security and Computer Vision</u>	2020	https://link.springer.com/book/10.1007/978-3-030-24322-7	10.https://link.springer.com/chapter/10.1007/978-3-030-24322-7_56
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An Efficient Text Image Elimination App for Android	Ms. E. Rama Lakshmi	IT	International Journal of Innovative Technology and Exploring Engineering	2020	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i6/F3639049620.pdf
Water Quality Monitoring and Water pipe Leakage Detection	Ms. E. Rama Lakshmi	IT	Aegaeum Journal	2020	http://aegaeum.com/	https://drive.google.com/drive/u/0/folders/1mur0sroTc4Gx3te0Kh-gn7z_ntna-Oqa

Indian Sign Board Detection and Recognition for Driving Assistance	Ms. E. Rama Lakshmi	IT	Aegaeum Journal	2020	http://aegaeum.com/	https://drive.google.com/drive/u/0/folders/1mur0sroTc4Gx3te0Kh-gn7z_ntna-Qqa
Video data integrity using cryptocurrency	K.Swathi	IT	UGC CARE list Advanced Science Letters journal,	2020	https://www.ugc-journal-list.website/journal/415/advanced-science-letters	https://drive.google.com/drive/u/0/folders/1ugJkCuGgAplo7d7aUSqO5MLXIS3AEHI
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A Fuzzy Logic Controller for Estimation of Proof stress in GMAW Process	Dr. B. Veera Jyothi	IT	Juni Khyat	2020	http://junikhyatjournal.in/	https://drive.google.com/drive/folders/16JAStYBYnnSmgpHvPcQQQ8nmfMdTtxo1?usp=sharing
SMART Security Lock With Intrusion Detection and Facial Recognition Using IoT	Dr. B. Veera Jyothi	IT	IJCEA	2020	http://www.ijcea.com/	http://www.ijcea.com/wp-content/uploads/2020/06/NCRTCEA-2020110.pdf
Smart Bus Tracking For Visually Impaired People Using IoT	Dr. B. Veera Jyothi	IT	IJCEA	2020	http://www.ijcea.com/	http://www.ijcea.com/wp-content/uploads/2020/06/NCRTCEA-2020122.pdf
Design of an FLC using Mamdani approach for the estimation of weld ductility of MIG welded AL-65032 alloy	Dr. B. Veera Jyothi	IT	The International Journal of computer Engineering and Applications(IJCEA)	2020	http://www.ijcea.com/	http://www.ijcea.com/wp-content/uploads/2020/06/NCRTCEA-2020161.pdf
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