

## Department of CSE

Name of the faculty	Project Title	Project Type: Research	Funding Agency	Amount	Duration
Dr. Y. Ramadevi / Dr.T.Sridevi	Development of a wireless peer to peer network based for IoT edge devices of gateway range	RPS	AICTE	4,39,561/-	Sanctioned 2019-2022
Dr.M.Swamy Das	CBIT-Webo	Robot	CBIT	1,25,000/-	Completed 2019-2020
Dr. R.Ravinder Reddy	Detecting Anomaly Pattern Sequences in Real Time Network	Research Project	UGC	2,00,000/-	Completed 2019-2020
Dr. R. Ravinder Reddy	PRERANA	Research Project	AICTE	5,87,000/-	Under Progress 2019-2020
Dr. M. Swamy Das	SPDP-Skill and Personality Development Program Centre for SC/ST Students	Research Project	AICTE	12,44,000/-	Under Progress 2019-2020

## Department of ECE

### Sponsored R&D Projects

Si. No.	Title of the Project	Funding Agency	Name of the Scheme	Amount Sanctioned	Sanction Order	Duration of Project	Name of the PI	Name of the Co-PI	Year of completion
1	Analysis of Printed slots and slot Coupled Radiators using MOM	AICTE, New Delhi	RPS	3.5 Lakhs	2004 8020/RID/NPROJ/R&D Dt. 10.03.2003	3 Years	Dr.N.V.Koteswara Rao	-----	2007
2	Data Processing Techniques to Improve Real-time Performance of GNSS Systems	DST, New Delhi	SERB	9.404 Lakhs	2012 SR/S4/AS:89/2012 (dated 25.09.2012)	2 Years	Dr. D. Krishna Reddy	Dr.A.D.Sarma	2014
3	Design and Development of Palm Leaf Character Recognition System	AICTE, New Delhi	RPS	7.31 Lakhs	2013 (AICTE Order No. 20/AICTE/RIFD/RPS(Policy-1)25/2013-14)	3 Years	P N Sastry	Dr.N.V.KoteswaraRao	2016
4	Multifunction Frequency and Time-Domain Signal Analyzer for Testing and Performance Evaluation of Cellular and Navigation Components and Systems	AICTE, New Delhi	MODROBS	20 Lakhs	2015 (9-89/RIFD/MODROB/Policy-1/2014-15 dated 03 March 2015)	1 Year	Dr.N.V.KoteswaraRao	Dr.A.D.Sarma	2016 It was extended up to 2018
5	A Local Short Term Model for Forecasting Ionospheric Scintillations for GNSS Applications over Indian Region	ISRO, Bangalore	RESPOND Programme	17.66 Lakhs	2015 ISRO/RES/2/399/15-16, dated 13 <sup>th</sup> July 2015	3 Years	Dr.A.D. Sarma	Dr. N. V. KoteswaraRao Dr.N. Alivelu Manga	2019
6	Investigation of the Effects of Ionospheric Spatial decorrelation on Indian GBAS	SAC, ISRO, Ahmedabad	NavIC GAGAN Utilization Programme	19.37 Lakhs	2017 Project ID:NGP-11 dated 23 Jan 2017	3 Years	Dr. A. Supraja Reddy	Dr. N. V. KoteswaraRao Dr. K. Suman	2020

## Sponsored Consultancy Projects

Si. No.	Title of the Project	Funding Agency	Name of the Scheme	Amount Sanctioned	Sanction Order	Duration of Project	Name of the PI	Name of the Co-PI	Year of completion
1	IE 3D software Usage for Microstrip Antenna Simulation	GE India Business Center, Hyderabad	--	0.25Lakhs	2003	0.5 Years	Dr. N. V. Koteswara Rao	---	2004
2	Design and Development of DSP Processor Based Signal Processing Unit for Ring Laser Gyro	RCI, DRDO, Hyderabad	CARS	7.85 Lakhs	2013 RCI/DCMM/LP/LPD-1/CARS/0313 (dated 03 Sep 2013)	2 Years	Dr. K. SubbaRao	Dr. N. V. KoteswaraRao Sri E. Chandrasekhar	2015
3	Performance Evaluation of IRNSS in the Context of user Position and Velocity	RCI, DRDO, Hyderabad	CARS	15 Lakhs	2015 ITS:CARS-336 dated 02 Feb 2015	2 Years 9 Months	Dr.A.D. Sarma	Dr. D. Krishna Reddy Sri .P. Sathish	2017
4	Improvement of Performance of RLG with Wavelet and S-Transform Algorithms	RCI, DRDO, Hyderabad	CARS	9.75 Lakhs	2016 RCI/DCMM/LPD/CARS-0368 dated 29 April 2016	2 Years	Dr.K.Subba Rao	Dr. N. V. Koteswara Rao	2018

**Department of Mechanical Engineering**

**List of Ongoing Projects (Research or otherwise)(Draft)**

S. No	Name of the Principal Investigator (PI) / Co Investigator	Department	Name of the Project	Name of Funding Agency	Term of the Project	Amount (Rs.) sanctioned in financial year
1.	Dr. P. Ravinder Reddy Dr. G. Laxmaiah	Mechanical	FE Analysis of EFGC 16	J K Fenner (India) Ltd, Hyderabad (Consultancy)	2020-21	47,200
2.	Dr. P. Ravinder Reddy		Design and development of components of artificial heart	Collaboration with US (In-House)	2017-21	50,00,000.
3.	Dr. G. Chandra Mohan Reddy and Dr. P.V.R. Ravindra Reddy		Optimization of Process parameters for Additive Manufacturing of Defence Components	CARS, DRDO (Consultancy)	2019-2021 (18 Months)	9.95,000.
4.	Head of the Department and Dr. S. Narasimha Kumar		Development of Ceramic Coated Diesel Engine Fuelled with CNG and Biodiesel Blended	AICTE-MODROB	(2020-22) 2 Years	9,94,725
5.	Mr. A. Chandrakanth & Mrs. P. Anjani Devi		Utilization of 3D Printing	Innopark ventures	2021	70,000

## Department of EEE

### List of Research Projects:

- Number of Projects carried out, funding agency, Grant received: **01 (AICTE- RPS, Grant received 11.00 Lakhs, Title : An Efficient Low Cost Flexible Quality Conditioner to Mitigate power Quality Issues).**

### Consultancy works:

S.No	Year	Amount (in Rs.)
1	2001	41,000
2	2002	1,20,000
3	2003	31,800
4	2005	3,000

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)**  
**Department of Civil Engineering**  
**Faculty Publication Details for the Last Three Years (2018-19, 2019-20 & 2020-21)**

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
<b>2020-21</b>								
<b>International Journals</b>								
1	Dr. K. Jagannadha Rao(CED,CBIT), Vishal Akula, MVSS Sastri and P Mahendar	Effect of Accelerated Curing on Strength of Quaternary Blended Cement Concrete with Recycled Aggregate	Key Engineering Materials	882	-	247-253	Apr-21	<a href="https://doi.org/10.4028/www.scientific.net/KEM.882.247">https://doi.org/10.4028/www.scientific.net/KEM.882.247</a>
2	Dr. N R Dakshina Murthy(CED,CBIT) S.R.R. Teja Prathipathi Dr C B K Rao	Mechanical behavior of Hybrid Fiber Reinforced High Strength Concrete with graded fibers	International Journal of Engineering	3	8	1465-1471	Aug-20	<a href="https://dx.doi.org/10.5829/ije.2020.33.08b.04">https://dx.doi.org/10.5829/ije.2020.33.08b.04</a>
3	R.Swamiranga Reddy (CED,CBIT) B. Haricharan	Modeling and analysis of reinforced concrete beam without transverse reinforcement and strengthened with CFRP Lamellas: A parametric study	SSRG International Journal of Civil Engineering	7	7	123-127	2020	<a href="https://doi:10.14445/23488352/IJCE-V7I7P115">https://doi:10.14445/23488352/IJCE-V7I7P115</a>
4	R Swamiranga Reddy	Experimental Study on Flyash based geopolymer concrete	PENSEE	51	5	33-36	2021	N.A.
5	Dr. P Yugendar(CED,CBIT) and Dr. K Vishnu	Strength behavior analysis of fiber reinforced fly ash concrete	Materials Today: Proceedings	43	2	1659-1665	2021	<a href="https://doi.org/10.1016/j.matpr.2020.10.027">https://doi.org/10.1016/j.matpr.2020.10.027</a>
<b>National Journals</b>								
1	Dr. K Jagannadha Rao (CED,CBIT) V.Bhikshma, MVSS Sastri	Effect of RCA on High Strength Concrete when cement is replaced by micro silica fly ash	SAMBODHI	43	3	43-48	December 2020	N.A

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
2	Dr. N R Dakshina Murthy(CED,CBIT) Hari Krishna and Dr. NV Ramana Rao	Comparative study on shear performance of blended pozzolanic RC beams with fly ash and recycled aggregate	Journal of Structural Engineering (JOSE)	47	4	273-282	October-November 2020	<a href="https://serc.res.in/jose-contents">https://serc.res.in/jose-contents</a>
3	Ramnarayan Sankirti(CED,CBIT), Dr. A Manjunath, Shilpa Mishra and V. Shiva Chandra	Impact of dyke on hydrological and hydro geochemical conditions in Nadergul micro watershed of Ranga Reddy district of Telangana State in India	Solid State Technology	63	2s	781-808	October 2020	N.A
4	Ramnarayan Sankirti(CED,CBIT), Yamini Kodali, Bhagyasri Perala, and Srikanth Nalluri	Cloud Computing based COVID-19 Patient Health Monitoring System to Create Safety Environment	Solid State Technology	63	2s	3026-3037	October 2020	N.A
<b>International Conference</b>								
1	Dr. K Jagannadha Rao (CED,CBIT) Ranjetha U, Johnson Alengaram, Ahmed Mohamoud Alnah, Karthick S, and Wan Jurina WJ	Towards sustainable construction through the application of low carbon footprint products and demonstration projects	1st International Conference on Sustainable Approach for Resilient Infrastructure 2021 (IC SAFRI), CBIT, Hyd				26-27 June 2021	N.A.
2	Dr. K Jagannadha Rao (CED,CBIT) Dr. NR Dakshina Murthy (CED,CBIT), B.Harish and M.Sridhar	A study on mechanical properties of high strength concrete with partially replacement of cement	1st International Conference on Sustainable Approach for Resilient Infrastructure 2021 (IC SAFRI), CBIT, Hyd				26-27 June 2021	N.A.
3	Dr. K Jagannadha Rao (CED,CBIT) V.Bhikshma, MVSS Sastri	Evaluation of shear strength design equations for slender and non slender RC beams admixtured with recycled concrete aggregate without web reinforcement	2nd International Conference on Mathematical Techniques and Applications-2021, SRMIST, Chennai				24-26 March 2021	N.A.
4	Dr. NR Dakshina Murthy (CED,CBIT), N.Srikanth and Dr MV Seshagiri Rao	Impact test on processed recycled coarse aggregate based Self Compacting Concrete	3rd International Conference on Advances in Civil Engineering (IC ACE), KL University, Vijayawada.				25-26 June 2021	N.A.

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
5	Dr. P Yugendar (CED,CBIT) Ms. K Anusha Dr. S. Moses Santhkumar	Macroscopic analysis of traffic flow behavior on multi-lane highways under heterogeneous traffic conditions	International Conference on Advances in Civil Engineering, VNIT Nagpur				November 2020	N.A.
6	Dr A Vimala (CED,CBIT) G Pradeep	Optimization of location of outrigger system in tall buildings of different aspect ratios	1st International Conference on Sustainable Approach for Resilient Infrastructure 2021 (IC SAFRI), CBIT, Hyd				26-27 June 2021	N.A.
7	Dr A Vimala (CED,CBIT) Ch Mrudula	Dynamic performance of soft storey structures with gap elements at beam-column joints	1st International Conference on Sustainable Approach for Resilient Infrastructure 2021 (IC SAFRI), CBIT, Hyd				26-27 June 2021	N.A.
8	Sri A. Balaji Rao (CED,CBIT) Sri P Srinivas Reddy (CED,CBIT) and, Ch. Meghana Saly	Mode Shape Modification of Irregular Buildings	1st International Conference on Sustainable Approach for Resilient Infrastructure 2021 (IC SAFRI), CBIT, Hyd				26-27 June 2021	
9	Sri R Swamiranga Reddy  B. Anand  Sagar Rathod	Experimental study on mechanical and durability properties of recycled aggregate based geopolymer concrete	1st International Conference on Sustainable Approach for Resilient Infrastructure 2021 (IC SAFRI), CBIT, Hyd				26-27 June 2021	
10	Ramnarayan Sankrithi, Saravanan Subbarayan, Aswari Sultana Begum, AlluVenkatakrishna Reddy, Banoth Naveen	Evaluation of water quality index at Gandipet lake surroundings	1st International Conference on Sustainable Approach for Resilient Infrastructure 2021 (IC SAFRI), CBIT, Hyd				26-27 June 2021	
11	i. Dr. P Yugendar ii. Dr. D Harinder iii. S. Shankar	Experimental assessment of coir geotextile to improve the strength of weak subgrade at different load conditions	1st International Conference on Sustainable Approach for Resilient Infrastructure 2021 (IC SAFRI), CBIT, Hyd				26-27 June 2021	



Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
<b>2019-20</b>								
<b>International Journals</b>								
1	Vasam, Srinivas, Dr. K. Jagannadha Rao,(CED,CBIT) and MV Seshagiri Rao	Prediction of recycled concrete aggregate Self Compacting Concrete (SCC) Compressive Strength using mathematical model	International Journal of Structural Engineering and Analysis	5	2	34-43	December 2019	
2	MVSS Sastri, Dr. K Jagannadha Rao (CED,CBIT) and V.Bhikshma	Estimation of compressive strength of concrete by testing the pozzolanic reactions of blended cement mortars using Bolomey's equation	International Journal of Recent Technology and Engineering	8	3	6525-6534	September 2019	DOI:10.35940/ijrte.C5217.098319
3	Mohd Azharuddin, A.Vimala (CED,CBIT)	Nonlinear Behaviour of Vertically Irregular Structures using Shearwall	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	12	776-780	October 2019	DOI: 10.35940/ijitee.L3194.1081219
4	Mohd Imaduddin Affan, A.Vimala (CED,CBIT)	Optimum Location of SoftStorey in Multi-Storey	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	12	2486-2490	October 2019	DOI: 10.35940/ijitee.L3430.1081219
5	G H Mohiuddin, A.Vimala (CED,CBIT)	Effect of shear wall on RC building of varying heights	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	12	766-770	October 2019	DOI: 10.35940/ijitee.L3430.1081219
6	Syed Shahebazullah Quadry, A.Vimala (CED,CBIT)	Nonlinear Behavior of Flat Slab using Shear Wall	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	12	2482-2485	October 2019	DOI: 10.35940/ijitee.L3430.1081219
7	D.Arvind Kumar, A.Vimala (CED,CBIT)	Performance of Outrigger System by Non Linear Static Method	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	12	4128-4132	October 2019	DOI: 10.35940/ijitee.L3430.1081219

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
8	T.Harshavardhan, A.Vimala (CED,CBIT)	Effect of Shear wall Geometry on Ten Storey Building with Raft and Fixed base foundation	International Journal of Engineering and Advanced Technology (IJEAT)	9	1	205-208	October 2019	DOI: 10.35940/ijeat.A1073.109119
9	Syed Haneef Ali, A.Vimala (CED,CBIT)	Nonlinear Behavior of Building with Varying Percentages of Slab Opening	International Journal of Engineering and Advanced Technology (IJEAT)	9	1	190-193	October 2019	DOI: 10.35940/ijeat.A1073.109119
10	Mohd Moazzam Ali Irfani, A.Vimala (CED,CBIT)	Collapse Mechanism of Strong Column Weak Beam Buildings of Varying Heights	International Journal of Engineering and Advanced Technology (IJEAT)	9	1	4144-4148	October 2019	DOI: 10.35940/ijeat.A1073.109119
11	A.K.Aman, A.Vimala,(CED,CBIT) M.Saravanan	Optimization of the Dampers Position in High Rise Building	International Journal of Engineering and Advanced Technology (IJEAT)	9	4	1336-1340	April 2020	DOI: 10.35940/ijeat.D8375.049420
12	Vijaya Laxmi Govindugari , Srinivas Reddy P(CED,CBIT) , Madhavi Latha D, Sandeep Reddy A	Effect of Bacillus Subtilis on Concrete with Steel Fibers and Fly Ash	International Journal of Engineering Trends and Technology (IJETT)	67	7	5-10	July 2019	DOI:10.14445/22315381/IJET T-V67I7P202
13	R Swamiranga Reddy(CED,CBIT)	Progressive Collapse Analysis of a Multistorey RCC building using Pushover Analysis	International Journal of Recent Technology and Engineering	10	10		July 2019	NA
14	Dr. D. R. Seshu and Dr. N. R. Dakshina Murthy (CED,CBIT)	A study on fl y ash cement mortar as brick masonry	Cement Wapno Beton	25	-	45-51	2020	doi: <a href="https://doi.org/10.32047/CWB.2020.25.1.5">https://doi.org/10.32047/CWB.2020.25.1.5</a>

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
15	Poojari Yugendar(CED,CBIT) , Kalaga Ramachandra Rao, Geetam Tiwari	DRIVING CYCLE ESTIMATION AND VALIDATION FOR LUDHIANA CITY, INDIA	International Journal for Traffic and Transport Engineering	10	2	229-235	March 2020	DOI: <a href="http://dx.doi.org/10.7708/ijtte.2020.10(2).08">http://dx.doi.org/10.7708/ijtte.2020.10(2).08</a>
16	Poojari Yugendar (CED, CBIT) and K.V.R. Ravishankar	Neuro-Fuzzy-Based Crowd Speed Analysis at Mass Gathering Events	Jordan Journal of Civil Engineering	13	3	446-458	June 2019	NA
17	Poojari Yugendar (CED, CBIT) and K.V.R. Ravishankar	The Effect of Physical Factors on Crowd Walking Behavior at Religious Gatherings	Quality Quantity, International Journal Methodology	53	6	2969-2982	2019	<a href="https://doi.org/10.1007/s11135-019-00911-8">DOI:10.1007/s11135-019-00911-8</a>
18	C.Jenifa Latha, Ramanarayan Sankriti (CED,CBIT), M.Chandra sekhar	Smart Automation Technique to Collect Dry and Wet Waste using IOT Module: to Achieve our 'SBM' Mission	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	11S2	309-314	September 2019	DOI: 10.35940/ijitee.K1049.09811S219
19	Ramanarayan Sankriti (CED,CBIT) , R. Srivel and P. Nandha Kumar	Transforming Lead-Free Fuel: Filter less Filtration Process by using Ultrasonic Waves	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	11S2	319-324	September 2019	<a href="http://dx.doi.org/10.35940/ijitee.K1051.09811S219">http://dx.doi.org/10.35940/ijitee.K1051.09811S219</a>
20	C.Jenifa Latha, Ramanarayan Sankriti (CED,CBIT) , Arokiaraj David and R. Srivel	IOT Based Water Purification Process using Ultrasonic Aquatic Sound Waves	Test Engineering & Management	82	1	11115-11121	2020	NA
21	Ramanarayan Sankriti (CED,CBIT), Esaiyarasi G, R Chandrasekharan and R. Srivel	IOT Based Smoke Test and Vehicle Pollution Control Monitoring Using Nano Sensors	Test Engineering & Management	83	1	13701-13706	April 2020	NA

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
22	Dr.Pathan Rahira, Dr.M.Saravanan, Ramanarayan Sankriti(CED,CBIT) , R.Srivel	Experimental Investigation And Mathematical Model Strategy To Control Air Pollution Level In Our Environment By Using Nanotechnology	International Journal of Advanced Science and Technology	29	7	3479-3491	2020	NA
<b>National Journals</b>								
1	MVSS Sastry, P Ashveen Kumar and Dr. K. Jagannadha Rao (CED,CBIT)	Experimental Investigation on Strength Properties of Ultrafine Fly Ash and Micro Silica as Mineral Admixtures for Vermiculite Mortar	i-manager's journal on Material Science	7		53-62	January 2019	DOI:10.26634/jms.7.3.16588
2	R Swamiranga Reddy (CED,CBIT)	Mix design for fly ash based geo-polymer concrete	Journal of Engineering Sciences	11	6	1-5	June 2020	NA
<b>International Conference</b>								
1	Dr K. Jagannadha Rao (CED,CBIT)	An experimental investigation of self compacting concrete containing recycled concrete aggregates	International Conference on Construction Materials and Smart Structures for Sustainable Development 2020	-	-	-	January 2020	NA
2	Dr K. Jagannadha Rao (CED,CBIT)	An Analytical Approach on Effective Selection of Sustainable Materials in Construction Industry by Environmental Managment Systems (EMS) & Green Supply Chain Management	9th IconSWM-CE (9th International Conference on Sustainable Waste Management towards Circular Economy	-	-	-	November 2019	NA
3	Dr K. Jagannadha Rao (CED,CBIT)	Use of recycled concrete aggregate in self compacting concrete: A need for sustainable development	International Conference on "Advanced Trends in Mechanical and Aerospace Engineering"	-	-	-	November 2019	NA
4	Dr. N R Dakshina Murthy(CED,CBIT)	Mechanical and durability studies on blended pozzolonic concretes with fly ash & recycled aggregates	International conference on Advanced Lightweight Materials and Structures, Materials Today	27	2	-	2020	<a href="https://doi.org/10.1016/j.matpr.2020.03.174">https://doi.org/10.1016/j.matpr.2020.03.174</a> (Elsevier)

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<b>National Conference</b>								
1	Dr K. Jagannadha Rao (CED,CBIT)	An Experimental Investigation Use of Recycled Concrete Aggregate (RCA) in Self-Compacting Concrete Under Different curing conditions	Web Conference on Advances in Civil Engineering for Sustainable Environment (NCACSE 20)	-	-	-	June 2020	NA
<b>Books/Book chapters</b>								
1	Dr K. Jagannadha Rao (CED,CBIT)	Mathematical Model for Prediction of Compressive Strength of Normal, Standard and High Strength SCC with RCA	Lecture notes titled "Advances in Structural Engineering" by Springer	-	-	145-157	May 2020	<a href="https://doi.org/10.1007/978-981-15-4079-0_13">https://doi.org/10.1007/978-981-15-4079-0_13</a>
<b>2018-19</b>								
<b>International Journals</b>								
1	Koteswara Rao K (CED,CBIT), and Dheeraj K	Influence of Temperature on Tensile Properties and Fracture Behavior of High Strength Stainless Steel	International Research Journal of Engineering and Technology (IRJET)	6	5	4758-4764	May 2019	NA
2	R.Swami Ranga Reddy (CED,CBIT)	An Experimental Study on Partial Replacement of Cement by Various Percentages of Phosphogypsum in Cement Concrete	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8	6S3	699-708	April 2019	NA
3	V.Taranga Divija Kalyani, Aswari Sultana Begum (CED,CBIT), Dr. D S V Prasad, and Dr. G V R Prasada Raju	A Study on Geotechnical Properties of Expansive Soil Treated with Rice Husk Ash and Terrasil	The International Journal of Engineering and Science (IJES)	7	8(III)	93-99	2018	DOI:10.9790/1813-0708039399
4	Aswari Sultana Begum(CED,CBIT)	A Study of Undrained Shear Strength Behavior on Black Cotton Soil with Granite Dust	International Journal of Emerging Technologies and Innovative Research	5	2	238-242	Feb 2018	NA

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
5	Dr. K. Praveen (CED,CBIT) and Dr. S. Venkateswara Rao	A Study on Validation of Shear Behaviour of Steel fibrous SCC based on Numerical Modelling (ATENA)	Journal of Building Engineering	19		69-79	September 2018	10.1016/j.jobe.2018.05.003
6	Dr. K. Praveen (CED,CBIT) Dr. S. Venkateswara Rao and Dr. P. Ratheesh Kumar	Influence of Recycled Aggregate on Shear Behavior of Steel Fibrous SCC	JOURNAL OF MATERIALS AND ENGINEERING STRUCTURES	5	2	185-205	August 2018	NA
7	Dr. K. Praveen (CED,CBIT) and Dr. S. Venkateswara Rao	Steel Fibres as a Partial Shear Reinforcement in Self-compacting Concrete	Recent Advances in Structural Engineering Springer, Singapore	1		935-946	August 2018	DOI: 10.1007/978-981-13-0362-3_74
8	E. Maheshwar Reddy (CED,CBIT)	A Study on strength properties of fly-ash based geopolymer concrete using GGBS	Global Journal of Engineering Science and Researches	6	6	81-84	June 2019	NA
9	Riya Roy (CED,CBIT) and Anjana Bhasi	Investigation of Arching Effect in Geosynthetic-Reinforced Piled Embankments	Iranian Journal of Science and Technology: Transactions in Civil Engineering	43	-	249-262	September 2018	<a href="https://doi.org/10.1007/s40996-018-0162-8">https://doi.org/10.1007/s40996-018-0162-8</a>
10	Arokiaraj David, Yamuna Devi Thangavel and Ramanarayan Sankriti (CED,CBIT)	Recover, Recycle and Reuse: An Efficient Way to Reduce the Waste	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	9	3	31-42	June 2019	
11	Dr. P Yugendar(CED,CBIT) and Dr. K V R Ravi Shankar	Multi-regime modelling of large congregations	Institution of Civil Engineers—Transport (2018b)	171	5	1-22	October 2018	<a href="https://doi.org/10.1680/jtran.18.00077">https://doi.org/10.1680/jtran.18.00077</a>

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
12	Dr. P Yugendar(CED,CBIT) and Dr. K V R Ravi Shankar	Crowd behavioural analysis at a mass gathering even	Journal of KONBiN	46	1	5-20	December 2018	<a href="https://doi.org/10.2478/jok-2018-0020">https://doi.org/10.2478/jok-2018-0020</a>
13	Dr. P Yugendar(CED,CBIT) and Dr. K V R Ravi Shankar	Analysis of Crowd Flow Parameters Using Artificial Neural Network	Transport and Telecommunication Journal	19	4	335-345		DOI 10.2478/ttj-2018-0028
<b>National Journals</b>								
1	Dr MV Krishna Rao (CED,CBIT), VSS Kumar and P Rathish Kumar	Optimal Contractor Selection in Construction Industry: The Fuzzy Way	Journal of Institution of Engineers India Series A	99	1	67-78	2018	<a href="https://doi.org/10.1007/s40030-018-0271-1">https://doi.org/10.1007/s40030-018-0271-1</a>
2	Dr MV Krishna Rao (CED,CBIT), P Rathish Kumar and T S Sekhar	Performance of Fly ash based Geopolymer Concrete under Ambient and Oven Curing Conditions	Indian Concrete Journal	98		40-47	January 2019	NA
3	Dr N R Dakshina Murthy(CED,CBIT)	Experimental Studies on Blended Pozzolanic Concretes with recycles aggregate in Acidic Environment	Indian Concrete Journal	93		44-51	February 2019	NA
4	P Hartish Kumar and T Vasudeva Rao (CED,CBIT)	A Study on Mechanical Properties of Recycled Aggregate Concrete by Partial Replacement of Fine aggregate with Pond ash & Stone dust	Journal of Applied Science and Computations	6	4	3546-3551	April 2019	NA
5	R Ranga Reddy (CED,CBIT)	Rooftop Rainwater Harvesting - A casestudy	Pramana Research Journal	9	2	452-460	February 2019	NA

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
<b>International Conference</b>								
1	Dr. K. Jaganadha Rao (CED,CBIT), S. Vasam and Dr. M. V. SeshagiriRao	Bond Strength of HYSD Bars and SCC with and without Recycled Aggregate-An Experimental Study	IOP Conference Series: Material Science Engineering	431	10	-	August 2018	doi:10.1088/1757-899X/431/10/102007
2	Dr. K. Jaganadha Rao (CED,CBIT), S. Vasam and Dr. M. V. SeshagiriRao	Experimental investigation on utilization of RCA in low, medium and high strength self-compacting concrete	IOP Conference Series: Material Science Engineering	431	10	-	August 2018	doi:10.1088/1757-899X/431/10/102001
3	Dr. K. Praveen (CED,CBIT) and Dr. S. Venkateswara Rao	A study on the influence of a/d ratio and stirrup spacing on shear behaviour of steel fiber reinforced SCC	Second International Conference on Advances in Concrete, Structural & Geotechnical Engineering (ACSGE - 2018)	-	-	-	February 2019	NA
4	Dr. P Yugendar(CED,CBIT) and Dr. K V R Ravi Shankar	Experimental Study on Crowd Flow Behaviour through Bottlenecks	98thTRB Annual Meeting, Washington DC	-	-	-	January 2019	NA
5	Glasgow Calendonian, Soundarrajan D, Ramanaryan Sankriti (CED,CBIT) and Manjunath A	Groundwater Vulnerability Assessment using Water Quality Index and GIS in Hyderabad, India	International conference on Industry 4.0 and Advancements in Civil Engineering (i4ACE'19)			21-23	March 2019	NA



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<b>National Conference</b>								
1	Dr M Koti Reddy (CED,CBIT)	Flexural and Shear behavior of high strength pond ash concrete	National Conference on Recent advancement in civil engineering 2K19	-	-	-	January 2019	NA
2	Dr A Vimala (CED,CBIT)	Seismic Behavior of Flat Slab Buildings Resting On Sloping Ground: A Comparison between The Conventional Building To Flat Slab Building	National Conference on Advances in Frontier of Civil Engineering (NCAFCE)	-	-	-	December 2018	NA
3	Dr A Vimala (CED,CBIT)	Seismic Retrofitting Of G+6 Existing Structure By Adding Additional Floors	National Conference on Advances in Frontier of Civil Engineering (NCAFCE)				December 2018	NA
4	Dr A Vimala (CED,CBIT)	Seismic Behavior of Circular Twin Towers with and without Shear Walls at Dissimilar Positions	National Conference on Advances in Frontier of Civil Engineering (NCAFCE)				December 2018	NA
5	Dr A Vimala (CED,CBIT)	Capacity Check of Beam Column Connection In Steel Frame	National Conference on Advances in Frontier of Civil Engineering (NCAFCE)				December 2018	NA
6	Dr A Vimala (CED,CBIT)	Comparative Study of PEB and Conventional Steel Industrial Structure	National Conference on Advances in Frontier of Civil Engineering (NCAFCE)				December 2018	NA
7	Dr N R Dakshina Murthy(CED,CBIT)	Optimization of Processed Recycled Aggregate based Self Consolidated Concrete	National Conference on Advances in Sustainable Construction Materials (ASCM-19)				March 2019	NA

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
8	Dr K Praveen(CED,CBIT)	Behaviour of Recycled Aggregate based Steel Fiber Reinforced Self-Compacting Concrete Under Shear	National Conference on Advances in Sustainable Construction Materials (ASCM-19)				March 2019	NA
9	R V Shiva (CED,CBIT)	A Study on Effect of Recycled Aggregate on Mechanical Properties of Steel Fiber Reinforced Self Compacting Concrete	National Conference on "Transportation Research Efforts for Ecological Sustainability" (TREES-2018)					

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)**

**Department of Computer Science & Engineering**

**Faculty Publication Details for the Last Three Years (2018-19, 2019-20 & 2020-21)**

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
<b>2020-21</b>								
1	G.P. Saradhi Varma,	Simulated Annealing based Optimal Controller Placement in Software Defined Networks with Capacity Constraint and Failure Awareness	Journal of King Saud University - Computer and Information Sciences, 2021. (Scopus)					
2	G.P. Saradhi Varma,	R.L. Optimized convolutional neural network model for plant species identification from leaf images using computer vision	Int J Speech Technol (2021)					<a href="https://doi.org/10.1007/s10772-021-09843-x">https://doi.org/10.1007/s10772-021-09843-x</a> . (Scopus)
3	G.P. Saradhi Varma,	Impact of Naïve Bayesian Classification on Banking Sector	In: Satapathy S.C., Bhateja V., Ramakrishna Murty M., Gia Nhu N., Jayasri Kotti (eds) Communication Software and Networks. Lecture Notes in Networks and Systems	Vol 134. Springer,				<a href="https://doi.org/10.1007/978-981-15-5397-4_26">https://doi.org/10.1007/978-981-15-5397-4_26</a> . (Scopus)
4	Dr.Y.Ramadevi	Multi-Otsus image segmentation for Mammograms using Artificial Bee Colony(ABC) Algorithm	Annals of R.S.C.B, (Scopus)	Volume:25	Issue :4, ISSN NO:1583-6258,		Apr-21	
5	Dr.Y.Ramadevi	Dynamic Trade Variant of Time Dependent Scheduling in Cloud Compute Based on Parallel Load Balancing	International Journal of Advanced Science and Technology (IJAST	Volume:29, No:4 , ISSN: 9980 – 9987, 2020				
6	Dr. Y. Rama Devi	Secure Route from Fabrication Attack through Authentication Mechanism in MANET	International Journal of Advanced Science and Technology	Vol:29, I	SSN:8441-8452, 2020.			

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
7	Dr. Y. Rama Devi	An Interaction Based Influence Propagation Model for Detecting Active Communities in Social Networks	International Journal of Advanced Science and Technology	Vol:29, No:4 ISSN:4153-4163, 2020.				
8	Dr. Y. Rama Devi	Inspection Of Various Diagnostic Tools And Machine Learning Algorithms To Perform Data Analytics On Autism Spectrum Disorder	Journal of Critical Reviews,	Vol:7,	ISSN:7285-7289, 2020			
9	Dr. Y. Rama Devi	A Distributed Environment with Rough Set Theory Based Image Processing Approach for Analysis of Facial Disorders for Better Cosmetic Product Recommendation		Vol:10, No:6, ISSN:777-784, Dec- 2020.			Dec-20	
10	M. Swamy Das	Alternative Approaches for Laboratory Learning and Assessment in Engineering Education	Open Source Alternatives, International Journal of Electrical Engineering and Technology (IJEET),		12(6), 2021,	pp. 221-230		doi: 10.34218/IJEET.12.6.2021.021.
11	T.Suvarna Kumari, K.Sagar	A Survey to Build a Movie Recommender System Using Hybrid Filtering	International Journal of Science Engineering and Advance Technology(IJSEAT)	Vol. 8,	ISSN: 2321-6905		Jul-20	
12	Dr.K.Sagar	A review: secure routing protocols for mobile adhoc networks(manets)	Journal of critical reviews ,Issue 19, google scholar.	Vol: 7	ISSN:2394-5125		Aug-20	
13	Dr.K.Sagar,	Particle Swarm Optimization for N-Queens Problem	International Journal of Research and Analytical Reviews,(IJRAR)	Volume 7	Issue:3. E-ISSN 2348-1269,P-ISSN 2349-5138		Sep-20	
14	Dr. S. China Ramu	Risk Prediction of Covid-19 based on Medical Reports	GIS Science Journal	Volume 08	ISSN NO : 1869-9391	Issue 04 pp. 433-445		DOI:20.18001.GSJ.2021.V8I4.21.36920.

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
15	Dr. S. China Ramu	A Two-Level Authentication Protocol for Secure M-Commerce Transactions using AMQP Protocol	Design Engineering, Journal		Issue: 6	ISSN: 0011-9342, pp. 844- 861, 2021		
16	N. Rama Devi	Significant Learning Experiences – Activites and Assessments	Mukt Shabd Journal Google Scholar.	Vol 9	ISSN:2347-3150		Jul-20	
17	N. Rama Devi	Teaching 21st Century Skills	International Journal Of Educational Science And Research	Volume 10	Issue 4	pp: 19-24	Aug-20	
18	Dr. Sridevi Tumula	Pluto: AI- Based Meeting Scheduler	Journal of Emerging Technologies and Innovative Research(JETIR)	Volume 8	Issue 6, ISSN: 2349-5162.		Jun-21	
19	Dr. Sridevi Tumula	A Novel Video Watermarking Algorithm using DTCWT	International Journal for Research in Applied Science & Engineering Technology(IJRASET)	Volume 9	Issue VI, ISSN: 2321-9653		Jun-21	
20	Dr.R.Ravinder Reddy	Land Classification using Convolutional Neural Networks	International Journal of Recent Technology and Engineering (IJRTE), Scopus, Web of Science	Vol 9	2277-3878		Jul-20	
21	Dr.R.Ravinder Reddy	Location Aware Keyword Query Suggestion Techniques with Artificial Intelligence Perspective	Computational Analysis and Deep Learning for Medical Care			9.78112E+12 Wiley, Scrivener.	Jan-21	
22	Dr.R.Ravinder Reddy	Security threats in IoT with special emphasis on Blockchain: A Review	Journal of Critical Reviews, Scopus indexed				Aug-20	
23	Dr.R.Ravinder Reddy	Design of College Chatbot using Amazon Web Services	In International Journal of Scientific Research & Engineering Trends		Volume 6	ISSN (Online): 2395-566X.	Dec-20	

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24	Dr.R Ravinder Reddy	PACKET FILTERING APPROACH FOR ATTACK DETECTION IN NETWORKS	Journal of Huazhong University of Science and Technology	VOLUME 50	ISSUE 06 - 2021 , ISSN-1671-4512(scopus)			
25	Dr.Sangeeta Gupta	"IoT Data Management Using Cloud Computing and Big Data Technologies	International Journal of Software Innovation (Scopus)	Volume:8	No:4 , 2020.		Dec-20	
26	Dr. Sangeeta Gupta	Pre-Processed Tweets for Secure Capital Market Analysis Using Cloud	International Journal of Sociotechnology and Knowledge Development					DOI: 10.4018/IJSKD.2021010101.
27	Dr.E.Padmalatha	Computational linguistics: text prediction and sentence correction	Helix		ISSN:2319-5592		Aug-20	<a href="https://doi.org/10.29042/2020-10-4-06-12">https://doi.org/10.29042/2020-10-4-06-12</a> Google Scholar.
28	Dr.E.Padmalatha	Trust Computation Model For Iot Services Using Machine Learning	Pensee Journal	Volume:5	No:13		2021	
29	Dr.E.Padmalatha	Impact and Significance of Concept Drift in Twitter Data	International Journal of Scientific & Technology Research	Volume:9	No:2,2020.			
30	Srujana Inturi	Assessment of Descriptive Answers in Moodle-based E-learning using Winoing Algorithm	Journal of Contemporary Issues in Business and Government	Volume:27,	No:3,	ISSN:1323-6903,2021		
31	Srujana Inturi	Deep Learning Approach For Automated Screening of Malaria Parasite	Journal of Emerging Technologies and Innovative Research	Volume:8	No:6, ISSN:2349-5162		Jun-21	
32	Ch. Vijayalakshmi	AI-based Subject- to- Subject Motion Transfer	International Journal of All Research Education and Scientific Methods (IJARESM)	Volume 9	ISSN: 2455-6211		May-21	
33	Ch.VijayaLakshmi, G. Kavita	Android Application for Automation of Health Consultancy	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 9	ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429		May-21	

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
34	A.Sangeetha	Real-Time Software for Test and Performance Evaluation of Sensor over RS-422 Interface	International Journal of Creative Research Thoughts(IJCRT)	Volume 8	Issue 7		July 2020	
35	A Sangeetha	Damaged Building Detection from Satellite Multispectral Imagery”	International Journal for Research in Applied Science & Engineering Technology	Volume 9			Jun-21	
36	A Sangeetha	Security and Privacy Attacks on Machine Learning Algorithms	Journal of Emerging Technologies and Innovative Research	Volume 8	Issue 6		Jun-21	
37	Kalpana Ettikyala	A Literature Review on Virtual Machine Selection techniques for Virtual Machine Placement	The International journal of analytical and experimental modal analysis(IJAEMA)	Volume XIII	ISSN NO:0886-9367	pp. 2515-2518	Jun-21	
38	Kalpana Ettikyala	A Review on Energy Efficient Virtual Machine Placement Techniques	Journal of Emerging Technologies and Innovative Research(JETIR)	Volume 8	ISSN-2349-5162	pp. d540-d543	Jun-21	
39	K. Mary Sudha Rani, Dr. Y. Rama Devi	A Survey on Contactless Gesture based Interactions		Volume 9	ISSN: 2321-9653		Jun-21	
40	K. Mary Sudha Rani, Dr. Y. Rama Devi	A comprehensive Overview on Building A Search Engine Which Provides Information of The Disease	International Journal of Advanced science and technology, Scopus	ISSN: 2005-4238 Vol 29,	No.10 EBSCO,		Jun-21	
41	K.Mary Sudha Rani	Implementation of Search Engine for Providing Multi Search Modes Which Displays the results Containing the Description of the Disease and Drugs Used for Treatment	International Journal of Advanced science and technology, EBSCO, Scopus.	Vol 29	No.10, ISSN: 2005-4238		Jun-21	
42	K.Mary Sudha Rani	A Survey on Computational Approach for Disease-Gene Associations	Journal of Emerging Technologies and Innovative Research(JETIR)	Volume 8,	Issue 6, ISSN:2349-5162		Jun-21	

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43	T.Suvarna Kumari	An Architecture to Mitigate DDoS Attacks in Cloud Web Services	International Journal of Advanced Trends in Computer Science and Engineering	Volume 9	No.5		Oct-20	
44	T.Suvarna Kumari	Semantic Duplication Detection using Deep Learning	International Journal of Artificial and Computational Intelligence(IJACO)I	Vol.1			Sep-20	
45	T.Suvarna Kumari	Web Data mining to detect online spread of Terrorism	International Journal of Engg.,Research & Technology	Vol 9, Issue 7.	ISSN: 2278-0181		Jul-21	
46	Kavita Agarwal,Vimla Manohara Ruth	Analysis of Human Traits Using Machine Learning	International Journal of Creative Research Thoughts(IJCRT),2021	Volume 9,	Issue 6, ISSN:2320-2882			
47	Kavita Agarwal,Vimla Manohara Ruth,Dr.Y.Rama Devi	Handwritten Telugu Vowel Character Prediction Using Convolution Neural Network	Journal of Huazhong University of Science and Technology, 2021	Volume:50	Issue:6			
48	P. Vimala Manohar Ruth, Dr. Y.Rama Devi	Prediction of Phishing Website For Data Security Using Various Machine Learning Algorithms	International Journal of Creative Research Thoughts(IJCRT)	Volume:9	Issue:6, ISSN:2320-2882,		Jun-21	
49	K.Spandana, G.Mamatha	IoT based Air Pollution Monitoring System	GRADIVA Review Journal, 2021	Volume 7	Issue 6	ISSN NO:0363-8057		
50	K.Spandana	Crop Prediction System using Internet of Things (IOT) and Cloud Computing	2021	Volume 7	Issue 6, ISSN NO: 0363-8057,2021			
51	K.Spandana	Text Character Recognition Using Extraction Tools	The International Journal of analytical and experimental modal analysis	Volume XIII	Issue VI, ISSN NO:0886-9367		Jun-21	



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52	Kavita Goura	A Survey On Using Swarm Intelligence Algorithms On the Data Collected	IOT- capturing EEG Signals in IJCRT(International Journal of Creative and Research Thoughts	volume 9		Pg no 601-609, 1/5/2021		
53	Ch. Madhavi Sudha	Entitled Leaching Estimation for Paddy Crop using IoT and Machine Learning	International Journal for Research in Applied Science	Volume 9			Jun-21	
54	Ch. Madhavi Sudha	Cloud Based Point of Sale System with Face Recognition	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 8			Jul-21	
55	Kavita Agrawal	Analysis of Human Traits Using Machine Learning	International Journal of Creative research				Jun-21	
56	Ramana Reddy	A review on optimization approach for resource allocation techniques in cloud computing environment: survey paper	Journal of seybold report	Vol:15	ISSN: 1533-9211		Aug-20	
57	M Venkata Krishna Reddy, B Ramana Reddy,	A Novel Alarm System Approach using IoT for Safe Guarding Trees in Forests and Farm Lands	Journal of Interdisciplinary Cycle Research–JICR	Vol 8	ISSN :0022-1945	pp. 504 – 514.	Apr-21	DOI:18.0002.JICR.2021.V1314.008301.3171228582
58	D.Naga Jyothi, G. Mamatha	A Time Series Forecasting with different Visualization Modes of COVID-19 Cases throughout the World	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 9			Jun-21	
59	D.Naga Jyothi	Automatic Descriptive Answer Assessment Using Techniques Of Natural Language Processing		Volume 7		Page No: 444 To 448		

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60	G.Mamatha	Iot based Air pollution monitoring system	Gradiva Review journal	volume 7,Issue 6				
61	G.Mamatha	Internet of things apply key applications in Agriculture sector		Volume XIII				
62	G.Mamatha	Alerting systems for drivers	GIS science journal	volume 8			Jun-21	
63	S.Durga Devi	Cold Storage Monitoring System During Supply Chain	Gradiva Review Journal	Volume:7			Jun-21	
64	S.Durga Devi	Iot Based Smart Book Reader For Visually Challenged	Gradiva Review Journal	Volume:7	Issue 6		Jun-21	
65	A.Mohan	Accounting and Privacy Preserving of Data Owner in Cloud Storage	International Journal of Innovative Technology and Exploring Engineering (IJITEE)			), ISSN: 2278-3075, Volume-10, Issue-6	Apr-21	
66	A.Mohan	To Forecast Hospital Admissions from the Emergency Department Using Data Mining Techniques	Journal Of Interdisciplinary Cycle Research	Volume Xiii			Apr-21	
67	A.Mohan	Hybrid Load Balancing And Scheduling (Hlbs) Algorithm Towards Efficient Resource Management In Cloud Computing	2021	Vol-51			2020-21	
68	A.Mohan	Aspects of Machine Learning: Concept Learning Support vector Machines, and Graphical Models	International journal of analytical and experimental modal analysis	Volume XII			Dec-21	

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69	A.Mohan	An Overview On Machine Learning Algorithms and Applications	The International Journal of analytical and experimental modal analysis	Volume XII	ISSN NO: 0886-9367		Dec-21	
70	E.Swathi	A Survey on Deep Learning Approaches to Recognize Handwritten Telugu Character	The International journal of analytical and experimental modal analysis	V13(6), ISSN:364-367, 2021.				
71	Isha Padhy	A Systematic Review on Open Networking Challenges in IoT Domain	2020	Vol-9	PP 104		2020-21	
72	M Venkata Krishna Reddy	Envision Foundational of Convolution Neural Network	International Journal of Innovative Technology and Exploring Engineering– IJITEE	Vol 10	ISSN : 2278-3075	pp. 54 – 60	Apr-21	
73	M Venkata Krishna Reddy,B Ramana Reddy	A Novel Alarm System Approach using IoT for Safe Guarding Trees in Forests and Farm Lands	Journal of Interdisciplinary Cycle Research – JICR	Vol 8	ISSN : 0022-1945	pp. 504	Apr-21	DOI:18.0002.JICR.2021.V1314.008301.3171228582
74	B.Poonguzharselvi	Prediction of Liver Disease Using Machine Learning Algorithm and Genetic Algorithm	Annals of R.S.C.B	Vol. 25	ISSN:1583-6258	Pages. 2347 – 2357, Scopus.	Apr-21	
75	B.Poonguzharselvi	Power Efficient VLSI Architecture of 4X4 Modified Column Bypassing Multiplier	Annals of R.S.C.B, Scopus	Vol. 25		Pages. 2116 – 2122,		
76	B.Deepthi	Teaching Learning Methods to Enhance Learners Learning Capability	International Journal of Scientific Research & Engineering Trends	Volume:6	ISSN (Online): 2395-566X.		July-Aug-2020	

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77	K. Karthik	Advanced Machine learning algorithms used in Internet of Things applications	IJAREEIE	Volume -9	Nov-20	Page No: 2983 – 2987		
78	K. Karthik	Review On Security Issues And Challenges In Cloud Computing		Volume -12				
79	Krishnaveni Bommidi	A compressed string matching algorithm for face recognition with partial occlusion	Multimedia Systems (2021), Springer publications					DOI: <a href="https://doi.org/10.1007/s00530-020-00727-9">https://doi.org/10.1007/s00530-020-00727-9</a> (SCI)
80	Saradhi Varma	A Comprehensive Review on Effect of Band Selection on the Recital of Hyper-spectral Image Classification		Vol:655				<a href="https://doi.org/10.1007/978-981-15-3828-5_33">https://doi.org/10.1007/978-981-15-3828-5_33</a> . (Scopus)
81	Dr.Y.Ramadevi	Feasibility of Soft Real-Time Operations Over WLAN Infrastructure-Independent IoT Implementation by Enhancing Edge Computing	Data Engineering and Communication Technology, Springer, Singapore			, 232-230.		
82	Dr. RamaDevi	Recommended System for wellness of Autistic Children Using Data Analytics and Machine Learning	IVC RAISE				2020-21	
83	Dr.Y.Ramadevi	Viability of uncomplicated IoT SaaS Development for Deployment of DIY applications over HTTP with Zero Investment	ICETE, OU, INDIA (Springer).					
84	M. Swamy Das	An Applied Modular Approach to Build Scalable Mobile Robots	International Conference on Computing, Communication, and Intelligent Systems (ICCCIS		pp. 322-327			doi: 10.1109/ICCCIS51004.2021.9397087

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85	M. Swamy Das	An Efficient Criminal Segregation Technique Using Computer Vision	2021 International Conference on Computing, Communication, and Intelligent Systems (ICCCIS			pp. 636-641		doi: 10.1109/ICCCIS51004.2021.9397174.
86	K.Sagar	A novel framework for quality of service aware vertical handover process in heterogeneous wireless networks	IOP Conf. Series: Materials Science and Engineering (ICRAEM				Oct, 2020	doi:10.1088/1757-899X/981/2/022019 Scopus.
87	Dr.K.Sagar	Web of Things an intelligent approach to solve interoperability issues of Internet of Things communication protocols	International Conference on Recent Advancements in Engineering and Management (ICRAEM-2020) , at IOP Conference Series: Materials Science and Engineering	Volume 981			Oct-20	
87	T Sridevi	Detection Of Military Targets From Satellite Images Using Deep Convolutional Neural Networks	Aurel Vlaicu University Of Arad, Romania & Galgotias University, India. Scopus Indexed.				Oct-21	
89	Dr. T. Sridevi	Poisson and Logistics Regression Analysis on Electromagnetic Field Radiation: A Case of Environmental Pollution	International Conference on Communication and Signal Processing		ISSN :978-1-7281-4988-2,IEEE Xplore.		Sep-20	
90	Dr.R Ravinder Reddy	"Emotion Analysis in Text using TF-IDF	978-1-6654-1451-7/20/\$31.00 ©2021 IEEE					DOI: 10.1109/Confluence51648.2021.9377159
91	Dr.R Ravinder Reddy	Ground Water Level Analysis & Prediction	2nd National Conference on Computational Methods, Data Science and Applications, organized by Dept. of Computer Science and Information Technology. School of				May-21	

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92	M Venkata Krishna Reddy, Dr.R.Ravinder Reddy	A Trust Based Method for Providing Secure Data Transmissions in Mobile Adhoc Networks	International Conference on Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021), Organized by Dept. of CSE, ECE, EEE, IT and MCA, CBIT, Hyderabad				Apr-21	
93	Dr. R Ravinder Reddy	Review on Neuralink: A Fully Implanted Wireless Invasive Brain Machine Interface	2nd National Conference on Computational Methods, Data Science and Applications, organized by Maulana Azad National Urdu University(Central University), Hyderabad				May-21	
94	Dr.R Ravinder Reddy	Network Flow Analysis Using Machine Learning	2nd National Conference on Computational Methods, Data Science and Applications, organized by Maulana Azad National Urdu University(Central University), Hyderabad				May-21	
95	Morarjee Kolla,	Diabetic Retinopathy Classification using Lightweight CNN Mode	Presented in Springer International Conference ICMISC 202				Mar-21	
96	Morarjee Kolla,	Efficient Classification of Diabetic Retinopathy using Binary CNN	IEEE International Conference on Computational Intelligence and Knowledge Economy (ICCIKE)			pp. 244-247		DOI: 10.1109/ICCIKE51210.20 21.9410719. Scopus Indexed.
97	Morarjee Kolla,	Diabetic Retinopathy Classification Techniques in Medical Analysis using Deep Representations	Presented in Springer International Conference ICDSMLA				Dec-20	

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98	Padmalatha E	Feature Selection Optimization Using a Hybrid Genetic Algorithm	Fong S., Dey N., Joshi A. (eds) ICT Analysis and Applications. Lecture Notes in Networks and Systems	Vol 154				<a href="https://doi.org/10.1007/978-981-15-8354-4_41">https://doi.org/10.1007/978-981-15-8354-4_41</a>
99	Kavita Agrawal	Diabetes Diagnosis Prediction Using Ensemble Approach	Proceedings of the Fourth International Conference on Microelectronics, Computing and Communication Systems. Lecture Notes in Electrical Engineering	Vol 673				<a href="https://doi.org/10.1007/978-981-15-5546-6_66">https://doi.org/10.1007/978-981-15-5546-6_66</a> (Scopus Indexed).
100	Kavita Agarwal	Essentials of Blockchain Technology for Modern World Application	International Conference on Research in Science, Engineering, Technology and Management-2020 in Vaagdevi College Of Engineering				Dec-20	
101	Madhurima Rana, Swathi Edem	An Efficient Deep Learning Based Approach for Malware Classification.	n: Mai C.K., Reddy A.B., Raju K.S. (eds) Machine Learning Technologies and Applications, Algorithms for Intelligent Systems. Springer, Singapore.					<a href="https://doi.org/10.1007/978-981-33-4046-6_19">https://doi.org/10.1007/978-981-33-4046-6_19</a>
102	G Shanmukhi Rama	Face detection authentication analysis on smartphones	IOP Conf. Series: Materials Science and Engineering, 981 (2020) 032026					
103	G Shanmukhi Rama	An IOT Based Environmental Monitoring System	IOP Conf. Series: Materials Science and Engineering 981 (2020) 032025.					
104	M Venkata Krishna Reddy, Dr.R.Ravinder Reddy	A Trust Based Method for Providing Secure Data Transmissions in Mobile Adhoc Networks	International Conference on Emerging Trends in Circuit-branch Technologies and Applications (ETCTA-2021)				Apr-21	

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105	M Venkata Krishna Reddy, Dr.R.Ravinder Reddy	Ground Water Level Analysis & Prediction	2nd National Conference on Computational Methods, Data Science and Applications, organized by Dept. of Computer Science and Information Technology, School of				May-21	
106	Madhurima Rana, Swathi Edem	An Efficient Deep Learning Based Approach for Malware Classification	Applications. Algorithms for Intelligent Systems. Springer, Singapore.					<a href="https://doi.org/10.1007/978-981-33-4046-6_19">https://doi.org/10.1007/978-981-33-4046-6_19</a>
107	B.Deepthi	Hybrid Secure Cloud Storage data based on improved Encryption Scheme	International Conference on Emerging Smart Computing and Informatics (ESCI) Publisher: IEEE		ISBN:978-1-7281-8519-4.			
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12	Dr.K.Sagar	“Heart Disease prediction system using Deep Learning”	International journal of Research and Analytical Reviews (IJRAR), Open access, UGC approved International, Peer reviewed	Volume-6, Issue-2	43602,E-ISSN 2348-1269,P-ISSN 2349-5138	5,75	May-19	
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49	Smt. G.R. Rama Devi	Performance Monitoring, Privacy and Security of Cloud Users	ICSGSC2019 IEEE		ISSN:23 20-0847 2018		Jun-19	
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54	Smt. G. Shanmukhi	Randomization and recursive traversal algorithm based reduction of code reuse attacks	Journal of Applied Science and Computation	Vol 6, Issue 2 Google Scholar	1076-5131		Feb, 2019	
55	B.Poonguzharselvi	Investigations on power dissipation of low power VLSI architectures for voltage level shifters	Journal of advanced research in dynamical and control systems	Vol. 11, Special Issue-05 Scopus, Google Scholar		1943-023X	May, 2019	
56	J. Shiva Sai	Text extraction from hoardings by hybrid model	International journal of engineering and advanced technology (ijeat)	1. Vol 9, Issue 4 scopus,web of science, publons.	2249 – 8958		Apr, 2020	
57	Dr.Y Ramadevi	Rough Set-Based Classification of Audio Data			1090	627-637	2020	

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
58	Dr.Y.Ramadevi	A Survey on Emotion's Recognition Using Internet of Things,	International Conference on Artificial Intelligence and Cognitive Computing(Springer), MLRIT,Telangana, India					
59	Dr. K. Sagar	A Relative Survey on Handover techniques in Mobility Management	International Conference on Startup Ventures : Technology Developments and future Strategies (SV-TDFS)				8 <sup>th</sup> to 9 <sup>th</sup> October 2018	
60	T Sridevi	Image Filter selection, Denoising and Enhancement Based on Statistical Attributes of Pixel Array	6th International Conference on Advanced Computing, Networking, and Informatics. NIT Silchar				2018	
61	R. Ravinder Reddy	A Survey on Emotion's Recognition Using Internet of Things,	International Conference on Artificial Intelligence and Cognitive Computing(Springer), MLRIT					
62	R. Ravinder Reddy	A Review on Machine Learning Trends, Application and Challenges in Internet of Things.	International Conference on Advances in Computing, Communications and Informatics (ICACCI)				IEEE, 2018	
63	R. Ravinder Reddy	"A Survey on Emotion's Recognition Using Internet of Things."	First International Conference on Artificial Intelligence and Cognitive Computing. Springer, Singapore				2019	
64	Sangeeta Gupta	Unstructured Data Analysis with Passphrase Based Rest Api Nosql for Bigdata in Cloud,	International Conference on Innovations in Computer Science and Engineering,				Aug-18,	10.1007/978-981-13-7082-3_52.
65	Sangeeta Gupta	A Secure Technique of Image Fusion Using Cloud Based Copyright Protection for Data Distribution,	IEEE 8th International Advance Computing Conference (IACC, Greater Noida , Delhi, India,				2018,	10.1109/IADCC.2018.8692139



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66	Sangeeta Gupta	Towards the need to address Challenges in Cloud using Nosql for Bigdata,	National Conference on Emerging Trends in Data Science and Intelligent Computing				Jul-18	
67	Ch.VijayaLakshmimi	“Detecting fraud in cyber banking using feature selection and genetic algorithm”	NCAITC 34, Advances in Information Technology and Computing National Conference.				2019	
68	Spandana K	Applications of IoT for Soil Quality.	ICICCT 2019 – System Reliability, Quality Control, Safety, Maintenance and Management. ICICCT 2019	Springer, Singapore				<a href="https://doi.org/10.1007/978-981-13-8461-5_31">https://doi.org/10.1007/978-981-13-8461-5_31</a>
69	Ch Mamatha	A Review on Machine Learning Trends, Application and Challenges in Internet of Things.	International Conference on Advances in Computing, Communications and Informatics (ICACCI)				IEEE, 2018	
70	G. Kavita	“Detecting fraud in cyber banking using feature selection and genetic algorithm”	NCAITC 34, Advances in Information Technology and Computing National Conference.				2019	
71	Kavita Agrawal	Diabetes Diagnosis Prediction Using Ensemble Approach. In: Nath V., Mandal J.K. (eds) Proceedings of the Fourth	International Conference on Microelectronics, Computing and Communication Systems. Lecture Notes in Electrical Engineering, Springer	vol 673				<a href="https://doi.org/10.1007/978-981-15-5546-6_66">https://doi.org/10.1007/978-981-15-5546-6_66</a>
72	Smt. G.R. Rama Devi	Security tool for IOT and Image compression techniques	oijrj.org	Vol_8	ISSN:2249- 9598	(pg214)	Dec-18	
73	Isha Padhy	Interactive Learning in Mixed Reality	XVI International Conference on Recent Trends in Engineering, Applied Science and Management, Osmania University Centre for International Program, Hyderabad (India)				19-05-2018.	

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)**

**Department of Electrical & Electronics Engineering**

Faculty Publication Details for the Last Three Years (2018-19, 2019-20 & 2020-21)

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
<b>2020-21</b>								
1	K. Krishnaveni	Assessment and Evaluation of Professional Skills in Engineering Education	Journal of Interdisciplinary Cycle Research	13	6	986-996	Jun-21	
2	G. Suresh Babu,A. Venkat Rao, C. Sharath Chandra, T. Murali Krishna	Adaptive Neuro Fuzzy Inference System Controller for Islanded Microgrid under Nonlinear Load Conditions	International Journal of Electrical Engineering and Technology (IJEET)	12	6	422-436	Jun-21	
3	M. Balasubbareddy	Power Quality Improvement using Fuzzy Logic Controller Based UPQC	Proteus Journal	12	6	1_9	Jun-21	
4	M. Balasubbareddy	Power Quality Improvement using Fuzzy Logic Controller Based UPQC	Proteus Journal	13	7	1_10	Jul-21	
5	T. Murali Krishna, N. Vasantha Gowri, G. Suresh Babu,C.Harish,N.V.Phanindra Babu,B.Akshitha	Performance Comparison of BLDC Motor Based on Conventional And Motor Based On Conventional And Expert Controllers	International Journalof Electrical Engineering and Technology	12	6	211-220	Jun-21	10.34218/IJEET.12.6.2021.020
6	P.Kowstuuba	Field Oriented Control for Induction Motor in Electric Vehicle Applications	Journal of Science, Technology and Development	10	6	90-97	Jun-21	21.18001.STD.2021.V10I6.21.351209

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7	Ch.Venkata Krishna Reddy, T.R.Vijaya Lakshmi, P. Venkata Prasad and M.Thirupathaiah	Performance Evaluation of Modified SEPIC converter for Renewable Applications	Proteus Journal	12	4	54-61	Jun-21	
8	M.Thirupathaiah	Enhancement of Power Quality in a Wind Energy system by using STATCOM	Journal of Interdisciplinary Cycle Research	13	4	1012-1025	Jun-21	
9	M. Thirupathaiah	Control of Standalone Wind energy conversion system using Pitch control Technique	IJSET	13	6	144-154	Jun-21	
10	C. Harish, T. Murali Krishna, G. Suresh Babu, N.V. Phanendra Babu and D. HrishikesSai	Simulation of IGBT Based Solid State Fault Current Limiter Using Matlab/Simulink	International Journal of Electrical Engineering and Technology	12	6	140-149	Jun-21	DPI: 0.51397/OAIJSE06.2021.0009
11	N.Santosh KumarP.Hemeshwar Chary	Cooperative Optimal Control Strategy for Microgrid Under Grid-Connected Mode	Open Access International Journal of Science& Engineering	6	6	50-54	Jun-21	DPI: 0.51397/OAIJSE06.2021.0009
12	P.Kowstuuba	Multi carrier IPD-PWM Technique for Three Phase Diode Clamped and Cascaded H-Bridge Multilevel Inverters	AEGAEUM Journal	9	5	151-162	May-21	DOI:16.10089.AJ.2021.V9I5.285311.4334
13	M. Nagaraju, N.V. Phanendrababu	DC Side Controllers for Grid Connected Hybrid Renewable Energy Sources	AEGAEUM Journal	9	5	308-321	May-21	DOI: 16.10089.AJ.2021.V9I5.285311.4345
14	K. Krishnaveni, Raga Batta Sowmya.D, Rahul.B, Ranadheer.K	Multi-Motor Condition Monitoring System Using IoT	Proteus Journal(Multidisciplinary Journal)	12	4	14-19	Apr-21	

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
15	P.Kowstubha, K.Krishnaveni, Bandela Supriya, C.Mahesh	A New Hybrid Control Scheme for Seven-level Asymmetric Cascaded H-bridge Multilevel Inverter	Journal of Interdisciplinary Cycle Research	13	4	2079-2087	Apr-21	
16	M Thirupathaiah	Design and Implimentation of Solar Based DC Grid Using Arduino Uno	IJITEE	10	6	109-113	Apr-21	
17	P.Hemeshwar Chary, N.Santosh Kumar,	Machine Learning Based Adaptive Protection of Microgrid for Optimised Power System Management	PENSEE International Journal	51	4	1436-1444	Apr-21	
18	P.Hemeshwar Chary, N.Santosh Kumar	Microgrid Control Schemes And Current Trends For Sustainable Energy Management	International Journal of Advanced Science and Technology	30	1	22-30	Apr-21	
19	D.Harsha,G.Arunkumar, Ch.Vinay Kumar	A Fuzzy Based Grid Maintenances and Load Balancing Technique for Feature Applications	Turkish Journal of Computer and Mathematics Education	12	10	4804-4813	Apr-21	DOI: 10.17762/turcomat.v12i10.5237
20	D. Sathish, C Srisailam, D. Harsha, K Muralidhar Goud	A Novel Method for Electricity Generation from Footsteps Using Piezoelectric		12	2	810- 817	Apr-21	<a href="https://doi.org/10.17762/turcomat.v12i2.1089">https://doi.org/10.17762/turcomat.v12i2.1089</a>
21	D. Sathish, A. Bhanuchandar, D. Harsha C.Srisailam	A Simplified Control Approach of AC-DC-TLBC for Bi-Polar DC MicrogridApplications	Turkish Journal of Computer and Mathematics Education	12	2	818- 824	Apr-21	<a href="https://doi.org/10.17762/turcomat.v12i2.1090">https://doi.org/10.17762/turcomat.v12i2.1090</a>
22	Bathula VM, Sharma DK, Choudhury UK, Rao V V	Development and Testing of 2G High Temperature Superconducting (HTS) Field Coils for HTS Synchronous Machines	Journal of Electrical Engineering & Technology.	16		1539-1546	Mar-21	, <a href="https://doi.org/10.1007/s42835-021-00708-6">https://doi.org/10.1007/s42835-021-00708-6</a>

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23	M.Balasubbareddy, P.Venkata Prasad, Saini Varshini	A Novel Power quality conditioner with UPQC	GIS Science Journal	8	3	1171-1179	Mar-21	DOI:20.18001.GSJ.2021.V8I3.21.36786
24	N Vasantha Gowri, M.Ramalinga Raju, B.P.Singh	Investigation of Partial Discharge Due to Particle Movement in Power Transformer Using Computational Fluid Dynamics and Monte Carlo Technique	Journal of The Institution of Engineers (India): Series B	102	3	509-519	Mar-21	DOI:10.1007/s40031-021-00557-x
25	HansarajShalikram Wankhede, N.Vasantha Gowri., Bharath M N., Priyanka Sharma	An Internet of Things For Prevention Of Security Attack On Cloud Medical Data Using Artificial Intelligence	International Journal of Grid and Distributed Computing	14	1	1143-1161	Mar-21	
26	M. Balasubbareddy, G. V. K. Murthy, K. Sowjan Kumar	Performance evaluation of different structures of power system stabilizers	International Journal of Electrical and Computer Engineering (IJECE)	11	1	114-123	Feb-21	<a href="http://doi.org/10.11591/ijece.v11i1">http://doi.org/10.11591/ijece.v11i1</a>
27	N.Vasantha Gowri.,MohdNaved., Purnendu Shekhar Pandey., Ashim Bo	An Utilization Of Robot For Irrigation Using ArtificialIntellegnece	International Journal of Future Generation Communication and Networking	14	1	1692-1704	Feb-21	
28	N. V. Phanendrababu	Chapter: Optimal Selection of Phasor Measurement Units	Springer Textbook: Wide Area Power Systems Stability, Protection, and Security			127-66	Feb-21	DOI: 10.1007/978-3-030-54275-7_5

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29	Subash Ranjan kabat, D.jayashree, K.G.S venkatesan, Haritha venkataBudaraju	Non Intrusive Load monitoring Technique using Deep neural networks for Energy Disaggregation	Materials Today proceedings				Feb-21	DOI 10.1016/j.matpr.2021.01.192
30	M Balasubbareddy	Single Objective Power Flow Problem Analysis Using HCSA with IPFC	AEGAEUM JOURNAL	9	1	30-37	Jan-21	DOI:16.10089.AJ.2021.V9I1.285311.4128
31	M Balasubbareddy	Deep Learning Based Optimal Dc Microgrid System with IRNSS Synchronization	AEGAEUM JOURNAL	9	1	38-42	Jan-21	DOI:16.10089.AJ.2021.V9I1.285311.4129
32	M Balasubbareddy	Multi-objective optimal power flow using NSGSA with IPFC	AEGAEUM JOURNAL	9	1	43-51	Jan-21	DOI:16.10089.AJ.2021.V9I1.285311.4130
33	S. Rajesh, P. Venkata Prasad,P. Srinivas	Stability Enhancement of Doubly Fed Induction Generator With Virtual Resistance Under Network Disturbances	International Research Journal of Engineering and Technology (IRJET)	7	12	2182-2193	Dec-20	
34	S. Rajesh, P. Venkata Prasad, P. Srinivas	A Novel Method to Improve the Stability of Doubly Fed Induction Generator Under Grid Disturbances using Fuzzy Controller	International Research Journal of Engineering and Technology (IRJET),	7	12	2160-2170	Dec-20	

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35	Ch.Venkata Krishna Reddy, T.R.Vijaya Lakshmi	Historical Text Retrieval with Spectral Data and adaptive variants of Bacterial Foraging	Materials Today Proceedings				Dec-20	<a href="https://doi.org/10.1016/j.matpr.2020.10.928">https://doi.org/10.1016/j.matpr.2020.10.928</a>
36	N. V. Phanendra BABU, P. Suresh BABU, D. V. S. S. Siva SARMA	Critical Elements Based Optimal PMU Placement Considering Substation Coverage	International Journal on Electrical Engineering and Informatics	12	3	418-430	Sept, 2020	DOI: 10.15676/ijeeci.2020.12.3.2
37	B.Harika, B.Suresh Kumar and J.Upendar	Emergency System Based Smart Grid	International JAEMA	12	8	2222-2225	Aug-20	
38	P. Chow Reddy, G. Suresh Babu and T. Murali Krishna	A Novel Approach in Audio Compression using Vedic Concepts	International Journal for Research in Applied Science & Engineering Technology	8	7	1122-1225	Jul-20	
39	M Harika, M Balasubbareddy	A Novel Squirrel Search Optimization Algorithm for Solving Optimal Power Flow Problem with TCSC Device	Journal of Inter disciplinary Cycle Research	12	7	1304-1310	Jul-20	DOI:18.0002.JICR.2020.V12I7.008301.3171300
40	Sreelekha. G, T. Murali Krishna	Comparison Of DC-DC Converters for Renewable Energy Applications	Strad Research Journal	7	7	303-308	Jul-20	

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41	P.Kowstuuba	Review of different Control methods used for Induction Heating Applications	International Journal of Electrical Engineering and Technology	11	5	55-63	Jul-20	DOI: 10.34218/IJEET.11.5.2020.006
42	Kamalakar P., Suresh Kumar B. and Upendar	21 Level Inverter Topologies	Invertis Journal of Science & Technology	13	3	140-152	July-Sep 2020	
43	K.Sindu Priya, B.Suresh Kumar , and S. Praveena	Modelling Simulation of Feedback based Linear Electromechanical Actuator	Turkish Journal of Computer and Mathematics Education	12	2	970-976		
44	T. Murali Krishna, N. Vasantha Gowri, G. Suresh Babu, B.Akshita, Garv Agarwal and Mahesh Netha,	Modelling and Development of Controller for BLDC Motor	International Journal of Electrical Engineering and Technology (IJEET),	12	6	200-210	2021	doi: 10.34218/IJEET.12.6.2021.019
45	S. R. Reddy, P. V. Prasad and G. N. Srinivas	Performance Comparison of DSTATCOM with PI and PSO-PI Controller under Nonlinear Load Condition	CPRI Journal	16	2	115-124		DOI: 10.33686/pwj.v16i2.153673.
46	K. Krishnaveni, M. Swamy Das, G. Suresh Babu, T. Murali Krishna and N. Vasantha Gowri,	Alternative Approaches for Laboratory Learning and Assessment in Engineering Education - Open Source Alternatives	International Journal of Electrical Engineering and Technology (IJEET)	12	6	221-230	2021	doi: 10.34218/IJEET.12.6.2021.021



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47	K. Krishnaveni S.Yoganand Sagar G.Akhil Reddy, D.Ruchidhar,	Implementation Of Iot Controlled Portable Cooler Using Renewable Energy	PROTEUS JOURNAL	12	6	37-41	2021	
48	C. Harish and N. Vasantha Gowri	Design of Smart Purchase Cart for Commercial Application using Raspberry PI and RFID	, International Journal of Electrical Engineering and Technology (IJEET)	12	6	373-378	2021	doi: 10.34218/IJEET.12.6.2021.036
49	D.Harsha, C.Shaheen, I.Sankeerth, B.Jithendar	Solar Energy Tracking And Monitoring System Over Iot	International Journal of Current Engineering and Scientific Research ,	8	6		2021	
50	P.Nagasekhar Reddy , D. Harsha, C.Harish	A Real Time and Development Integration of Renewable Sources of Energy into Power Grid Application	Design Engineering Journal		6	2101-2111	2021	
51	C Srisailam, K Muralidhar Goud, D. Sathish,D. Harsha	Household Load forecasting using Deep Learning neural networks	Turkish Journal of Computer and Mathematics Education	12	2	788-794		DOI: 10.17762/turcomat.v12i2.1085
52	K Muralidhar Goud, C Srisailam, D. Sathish, D. Harsha	Stability analysis of Automatic Voltage Regulator using Fractional Order Controller	Turkish Journal of Computer and Mathematics Education	12	2	780- 787		<a href="https://doi.org/10.17762/turcomat.v12i2.1084">https://doi.org/10.17762/turcomat.v12i2.1084</a>

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53	Abd Elaziz, Mohamed, Sudhakar Babu Thanikanti, Ibrahim Anwar Ibrahim, Songfeng Lu, Benedetto Nastasi, Majed A. Alotaibi, Md Alamgir Hossain, and Dalia Yousri	Enhanced Marine Predators Algorithm for identifying static and dynamic Photovoltaic models parameters.	Energy Conversion and Management 236				2021	<a href="https://doi.org/10.1016/j.enconman.2021.113971">https://doi.org/10.1016/j.enconman.2021.113971</a>
54	PandiaRajan Jeyaraj, Aravind ChellachiKathiresan, Siva Prakash Asokan, Edward Rajan Samuel Nadar, HegazyRezk, and Thanikanti Sudhakar Babu	Power System Resiliency and Wide Area Control Employing Deep Learning Algorithm	Computers, Materials & Continua Tech Science Press	68	1	553-567		DOI:10.32604/cmc.2021.015128
55	Yousri, Dalia, SeyedaliMirjalili, JA Tenreiro Machado, Sudhakar Babu Thanikanti, and Ahmed Fathy	Efficient fractional-order modified Harris hawks optimizer for proton exchange membrane fuel cell modeling	Engineering Applications of Artificial Intelligence 100				2021	<a href="https://doi.org/10.1016/j.engappai.2021.104193">https://doi.org/10.1016/j.engappai.2021.104193</a>
56	Sain, Chiranjit, Pabitra Kumar Biswas, PriyaRanjanSatpathy, ThanikantiSudhakarBabu, and Hassan HaesAlhelou	Self-Controlled PMSM Drive Employed in Light Electric Vehicle-Dynamic Strategy and Performance Optimization	IEEE Access 9				2021	
57	Sankaran, K. Sakthidasan, N. Vasudevan, K. R. Devabalaji, Thanikanti Sudhakar Babu, Hassan HaesAlhelou, and T. Yuvaraj.	A Recurrent Reward Based Learning Technique for Secure Neighbor Selection in Mobile AD-HOC Networks	IEEE Access 9				2021	<a href="https://doi.org/10.1109/ACCESS.2021.3055422">10.1109/ACCESS.2021.3055422</a>
58	Jamaludin, MohdNasrullizzani, Mohammad FaridunNaim Tajuddin, Jubaer Ahmed, Azralmukmin Azmi, SyahrulAshikin Azmi, Nur Hafizah Ghazali, Thanikanti Sudhakar Babu, and Hassan HaesAlhelou.	An Effective Salp Swarm Based MPPT for Photovoltaic Systems Under Dynamic and Partial Shading Conditions	IEEE Access				2021	<a href="https://doi.org/10.1109/ACCESS.2021.3060431">10.1109/ACCESS.2021.3060431</a>

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59	Nazeri, Mohammad Nor Rafiq, Mohammad Faridun Naim Tajuddin, Thanikanti Sudhakar Babu, Azral Mukmin Azmi, Maria Malvoni, and Nallapaneni Manoj Kumar	Firefly Algorithm-Based Photovoltaic Array Reconfiguration for Maximum Power Extraction during Mismatch Conditions	Sustainability	13	6		2021	<a href="https://doi.org/10.3390/su13063206">https://doi.org/10.3390/su13063206</a>
60	Sudhakar Babu Thanikanti, Dalia Yousri, Dalia Allam, M. B. Etebia, Karthik Balasubramanian.	Converter/Inverter Topologies for Standalone and Grid-Connected PV Systems	Renewable Energy and Future Power Systems, Springer Singapore			35-80	2021	<a href="https://doi.org/10.1007/978-981-33-6753-1_2">https://doi.org/10.1007/978-981-33-6753-1_2</a>
61	Tan, Kang Miao, Thanikanti Sudhakar Babu, Vigna K. Ramachandaramurthy, Padmanathan Kasinathan, Sunil G. Solanki, and Shangari K. Raveendran	Empowering smart grid: A comprehensive review of energy storage technology and application with renewable energy integration	Journal of Energy Storage 39				2021	
62	Thentral, TM Thamizh, K. Vijayakumar, S. Usha, R. Palanisamy, Thanikanti Sudhakar Babu, Hassan Haes Alhelou, and Amer Al-Hinai.	Development of Control Techniques using Modified Fuzzy Based SAPF for Power Quality Enhancement.	IEEE Access				2021	
63	Palpandian, Murugesan, David Prince Winston, Balachandran Praveen Kumar, Cherukuri Santhan Kumar, Thanikanti Sudhakar Babu, and Hassan Haes Alhelou	A New Ken-Ken Puzzle Pattern Based Reconfiguration Technique for Maximum Power Extraction in Partial Shaded Solar PV Array	IEEE Access 9				2021	
64	Satpathy, Priya Ranjan, Sudhakar Babu Thanikanti, Ali HOUSEIN Mahmoud, Renu Sharma, and Benedetto Nastasi	A TCT-SC Hybridized Voltage Equalizer for Partial Shading Mitigation in PV Arrays.	IEEE Transactions on Sustainable Energy				2021	
65	Dalia Yousri, Ahmed Fathy, Thanikanti Sudhakar Babu, Mohamed R. Berber	Estimating the Optimal Parameters of Solid Oxide Fuel Cell-based Circuit Using Parasitism-Predation Algorithm	International Journal of Energy Research				2021	

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1	Devireddy Sathish, Gajangi Arun Kumar, Chowdary Vinay Kumar	“Instantaneous Symmetrical Component Theory (ISCT) Controller for Mitigation of Harmonics in Micro-grid System”	International Journal of Innovative Technology and Exploring Engineering	Vol. 9	Issue-8	524-528	Jun-20	DOI: 10.35940/ijitee.H6346.069820
2	Devareddy Harsha, Harish, Thakkallapelli Gokul Chandra, Patakula, Kiran Kumar Thatikayala	Comparison of Symmetric and Asymmetric Cascaded H-Bridge Multilevel Inverters using Multicarrier PWM Technique	International Research Journal of Engineering and Technology	Vol. 7	Issue-6	3132-3138	Jun-20	
3	N. Vasantha Gowri	Analysis of Movement of Tiny Spherical Conductor in Synthetic Ester in Power Transformer Using CFD	International Journal of Electrical Engineering and Technology	Vol. 11	Issue-4	001-007	Jun-20	DOI: 10.34218/IJEET.11.4.2020.026
4	N. Vasantha Gowri	Comparison of Field Augmentation Factor for Different Liquid Insulations in Power Transformer	International Journal of Electrical Engineering and Technology	Vol. 11	Issue-4	218-224	Jun-20	DOI: 10.34218/IJEET.11.4.2020.027
5	Kowstubha Palle, A. Bhanuchandar	A Novel Modified Voltage Oriented Control of an Active Front-End Rectifier used for PMSG based Wind Turbine Systems	International Journal of Innovative Technology and Exploring Engineering	Vol. 9	Issue-8	659-663	Jun-20	DOI: 10.35940/ijitee.H6567.069820
6	T. Murali Krishna, B. Geethanjali, N. Gouthami, L. Udaysree	Performance of Five Level Inverter with Different Multilevel Topologies	Strad Research Journal	Vol. 7	Issue-6	435-439	Jun-20	DOI: 10.37896/sr7.6/047

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7	B.Harika, B. Suresh Kumar	MPPT Scheme Intended for Photovoltaic Arrays in Partial Shading Situations Based Fuzzy Logic Controller	Journal of Interdisciplinary Cycle Research	Vol. 12	Issue 6	116-123	Jun-20	DOI:18.0002.JICR.2020.V12I6.008301.3170993
8	M. Balasubba Reddy	Performance and cost analysis for 400kWp Grid Connected PV system in Tirupati using PVsyst software	International Journal of Advanced Science and Technology	Vol. 29	Issue-12s	2402-2410	Jun-20	DOI: <a href="http://sersec.org/journals/index.php/IJAST/article/view/24688">http://sersec.org/journals/index.php/IJAST/article/view/24688</a>
9	M. Balasubba Reddy	Design and Development of a Hybrid Micro-Grid System using State of Art Multi-Objective Optimization Technique	Journal of Interdisciplinary Cycle Research	Vol. 12	Issue-6	1404-1410	Jun-20	
10	G. Suresh Babu, N. R. SaiVarun, T. Murali Krishna, C. Harish, D. Harsha	Performance analysis of DC-DC converter based standalone PV system using cloud connected Solar PV Emulator	Strad Research Journal	Vol. 7	Issue-6	440-447	Jun-20	DOI: 10.37896/sr7.6/048
11	G. Suresh Babu, T. Murali Krishna, C. Srisailam, N. Vasantha Gowri	Performance Evaluation of DC Electric Spring Placed in Micro Grid Systems Using Solar PV Emulator	International Journal of Electrical Engineering & Technology	Vol. 11	Issue No.4	246-256	Jun-20	DOI: 10.34218/IJEET.11.4.2020.028.
12	G. Suresh Babu, Sivasankar Venugopal, T. Murali Krishna	Inverse Definite Minimum Time Relay Coordination in Radial Traction System	International Journal of Electrical Engineering & Technology	Vol. 11	Issue No.4	159-168	Jun-20	DOI: 10.34218/IJEET.11.4.2020.018

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13	Imran Mohammed, Naga Chaitanya P	“Smart Gloves for Specially Challenged People”	International Research Journal of Engineering and Technology	Vol. 7	Issue-5	2549-2551	May-20	
14	Ch.V.KrishnaReddy, T. R. Vijaya Lakshmi	GSM based prepaid electricity energy meter	sustainable humanosphere	Vol. 16	Issue-2	509-515	May-20	
15	B. Suresh Kumar, Varun Raj.D, S. Praveena	Performance of BLDC Motor for Enhancing the Response of Antenna’s Positioners using PI Controller	Innovations in Electronics and Communication Engineering, Lecture Notes in Networks and Systems	Vol-107		171-183	Apr-20	DOI: <a href="https://doi.org/10.1007/978-981-15-3172-9_18">https://doi.org/10.1007/978-981-15-3172-9_18</a>
16	B. Suresh Kumar, S. Praveena K. Sindhu Priya	Modeling and Simulation of Linear Electro Mechanical actuator for Missile Application with high redundancy	Mukt Shabd Journal	Vol. 9	Issue-6	1678-1684	Apr-20	doi:10.37896/msj
17	B. Suresh Kumar, Ramu.S, S.Praveena	Reduction of Negative Sequence Correction in Grid Interfacing Inverter with Integrated Voltage Unbalance Correction	Aegaeum Journal	Vol. 8	Issue-4	209-220	Apr-20	DOI:16.10089.AJ.2020.V8I4.285311.3126
18	K Muralidhar Goud, C. Srisailam	Control Quality Enhancement of Inverted Pendulum Using Fractional Controller	Innovations in Electrical and Electronics Engineering, Lecture notes in Electrical Engineering	Vol. 626		705-714	Mar-20	<a href="https://doi.org/10.1007/978-981-15-2256-7_59">https://doi.org/10.1007/978-981-15-2256-7_59</a>

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19	B. Suresh Kumar, S.Praveena, Chityala Venkatesh	Finding of Fault Location on Overhead Transmission line using Magneto Resistive Sensor	Science, Technology and Development Multi disciplinary Journal	Vol. 9	Issue 3	562-573	Mar-20	DOI:20.18001.STD.2020.V9I3.20.33569
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21	Ahmad Syed, Tara Kalayani, Sandipamu, Freddy Tan Kheng Suan	An Improved MOSFET Neutral-Point-Clamped Full-Bridge Transformer less Inverter for High Efficiency Distributed Photovoltaic System	International Journal of Advanced Science and Technology	Vol. 29	Issue-1	153-167	Jan-20	
22	M. Balasubba Reddy, G V K Murthy, K Sowjan Kumar	Performance Evaluation of Different Structures of Power system Stabilizers	International Journal of Electrical and Computer Engineering	Vol. 11	Issue-1	689-695	Jan-20	DOI: <a href="http://doi.org/10.11591/ijece.v11i1.pp%25p">http://doi.org/10.11591/ijece.v11i1.pp%25p</a>
23	M. Balasubba Reddy, Divyanshi Dwivedi	Squirrel Search Algorithm for Solving Optimal Reactive Power Dispatch Problem with FACTS Device	International Journal of Innovative Technology and Exploring Engineering	Vol. 9	Issue-3	854-858	Jan-20	DOI: 10.35940/ijitee.8577.019320
24	M. Balasubba Reddy	Security Constrained Optimal Power Flow Problem Solution with Practical Constraints using HALOA	International Journal of Innovative Technology and Exploring Engineering	Vol. 9	Issue-3	689-695	Jan-20	DOI: 10.35940/ijitee.C8376.019320

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26	Ch.V. Krishna Reddy, K.KrishnaVeni, G.TulasiRamDas	ANN Controller for Damping of Oscillations using Interline Power Flow Controller of AC Transmission System	International Journal of Engineering and Advanced Technology (IJEAT)	Vol. 8	Issue-6	54-58	Aug-19	DOI: 10.35940/ijeat.E7423.088619
27	T.Murali Krishna, K. KrishnaVeni, G.Suresh Babu, D.Sushma, C.Harish	Performance Evaluation of Induction Motor for Unipolar and Bipolar Pulse Width Modulation Techniques	International Journal of Innovative Technology and Exploring Engineering	Vol. 8	Issue-10	3626-3629	Aug-19	DOI: 10.35940/ijitee.I9793.0881019
28	P.V. Prasad, M. Balasubba Reddy	A Distribution network reconfiguration using GA and BPSO	i-manager's Journal on Power Systems Engineering	Vol. 6	Issue 4	37-44	Aug-19	DOI: <a href="https://doi.org/10.26634/jps.6.4.15802">https://doi.org/10.26634/jps.6.4.15802</a>
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31	P. V. Prasad, S. Karuna	Power Quality Improvement Using DSTATCOM with PSO Tuned PI Controller	International Research Journal of Engineering and Technology (IRJET)	Vol.6	No.7	2219-2227	Jul-19	



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33	P.V. Prasad, N. Usha, K. Ramesh Reddy	A Simplified Control Strategy for An Enhanced Performance of Six Level Dual Inverter fed Induction Motor Drive	International Journal of Engineering and Advanced Technology (IJEAT)	Vol. 8	Issue No.6	1563-1567		DOI: 10.35940/ijeat.F8164.088619
<b>2018-19</b>								
1	J. Balakrishna, C Srisailam	A Novel method for electrical energy consumption tracking using internet of things	Journal of emerging technology and innovative research (JETIR)	6	6	160-164	Jun-19	
2	G. Suresh Babu, Sai Varun.N.R	Performance Analysis of Solar PV Emulator Operated in Various Modes	International Journal of Research	8	5		May-19	16.10089.IJR.2019.V815.285311.235697
3	B. Suresh Kumar, Rakesh Babu	Simulation of Electro Mechanical Actuator for Missile Application by Dual Redundancy Technique	Lecture Notes and Data Engineering and Communications Technologies				May-19	
4	B. Suresh Kumar, D. Varun Raj	"Damping Oscillations in Power System Using Power System Stabilizer	International Journal of Research	8	5		May-19	16.10089.IJR.2019.V815285311.235693
5	I. Pranav, Kola Leeladharrao	An Overview of Geothermal Energy in India	Journal of Emerging Technologies and Innovative Research (JETIR)	6	5		May-19	<a href="http://doi.org/10.1729/Journal.20904">http:// doi.org/ 10.1729/ Journal.20904</a>

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6	DivyaSai N, Ravi Kumar B, Bhagyasri R, K. Krishnaveni, Yagnaprasad.K	SCADA System Application for Power Distribution in Hyderabad City	Journal Computational Information Systems	15	3	79-88	Apr-19	
7	N.VasanthaGowri	Thermal analysis on Power Transformer	International Journal of Electrical Engineering and Technology(IJEET)	10	4	115-121	Apr-19	
8	M Nagaraju, M Kirankumar	Analysis of series/parallel multi-level inverter with symmetrical and asymmetrical configurations	International Journal of power electronics and drives systems (IJPEDS)	10	1	300-306	Mar-19	10.11591/ijpeds.v10.i1
9	B. Suresh Kumar, S. Swathi	A Particle Swarm Optimization Technique For Economic Load Dispatch	International Journal of Management, Technology And Engineering	9	1		Jan-19	DOI:16.10089.IJMTE. 2019. V.9I01. 18.27831
10	Ramesh .N, K. Krishnaveni	Financial Analysis of Solar Photovoltaic Power plant in India	International Journal of Management, Technology and Engineering	8	12		Dec-18	16.10089.IJMTE.2018. V8I12. 17. 2128
11	S.R. Reddy, P.V.Praad, G.N. Srinivas	Four-leg VSI based DSTATCOM for compensating Non-Linear and Un-Balanced loads		12	4	49-57	Dec-18	
12	Roy S, P. Suresh Babu, Phanendra N.V	Intelligent Coordination of Overcurrent and Distance Relays using Meta Heuristic Algorithms	International Journal on Electrical Engineering and Informatics	10	4		Dec-18	10.15676/ijeeci.2018.10.4.5
13	G. Malleesh Kumar	Power quality improvement and control in a distribution system by using shunt active power filter	International journal of research (IJR)	7	12	539-545	Dec-18	16.10089.IJR.2018.V7I12.285311.234181

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15	K. Sri kavya Durga, M. Balasubba Reddy	Design and Simulation of Three Level Neutral Point Clamped Inverter Fed Induction Motor Drive	European Journal of Electrical and Computer Engineering	2	5	22-30	Aug-18	<a href="http://dx.doi.org/10.24018/ejece.2018.2.5.34">http://dx.doi.org/10.24018/ejece.2018.2.5.34</a>
16	T. Murali Krishna, Deepak Gehlot, N. Anusha & G. Suresh Babu	Three phase grid connected PV system with LVRT control strategy	International Journal of Mechanical Engineering and Technology (IJMET)	9	7	579-585	Jul-18	
17	N.VasanthaGowri, ZainabAkthar	Finite Element Analysis of Power Transformer	International Journal of Mechanical Engineering and Technology	10	4	488-495	Jul-18	
18	M. Balasubbareddy, Divyanshi Dwivedi, D. Satish	Optimal Power Flow Using Spotted Hyena Optimization Algorithm	Pramana Research Journal	9	3		2019	

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)**

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1	M. Ramana Reddy	Implementation of SVM Machine Learning Algorithm to Predict Lung and Brest Cancer ,	Turkish Journal of Computer and Mathematics Education	Vol.12	No.12	pp.3050-3060	2021	ISSN: 1309-4653
2	Mounika Jammula	Content Based Image Retrieval System Using Integrated ML and DL-CNN	Annals of the Romanian Society for Cell Biology	Vol. 25	No.4	9656-9666	2021	9656-9666
3	S. P. Sahoo, S. Ari, K. K. Mahapatra and S. P. Mohanty	HAR-Depth: A Novel Framework for Human Action Recognition using Sequential Learning and Depth Estimated History Images	IEEE Transactions on Emerging Topics in Computational Intelligence	Vol.5	No.5	pp.813-825	2020	doi: 10.1109/TETCI.2020.3014367
4	N. Alivelu Manga, P.Sathish	Plant Disease Classification using Residual Networks with MATLAB	Turkish Journal of Computer and Mathematics Education	Vol. 12	No.10	pp.3923-3933	Apr-21	3923-3933
5	Satyavati Jaga	Identifying Brain tumor presence using Support Vector Machine	Journal of Critical Reviews	VOL 7	ISSUE 15	pp.2034-2039	Jul-20	ISSN- 2394-5125
6	A.Vani	A Virtuous Reckoning on security enhancement of mobile Adhoc network using artificial intelligence,	International Journal of Future Generation Communication and Networking	Vol. 14	No. 1	pp. 909-924	2021	
7	A.Vani	Deplete And Discernment Of Security Hazards In Mobile Ad-Hoc-Networks (Manet) Using Artificial Intelligence	International Journal of Future Generation Communication and Networking	Vol. 14	No. 1	pp. 925-942	2021	
8	Panyam Narahari Sastry, Mohammed Sameer Syed	Recognition of Face Emotion using Convolutional Neural Network ,	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol.-9	Issue-9	pp.364-376	Jul-20	ISSN: 2278-3075, DOI: 10.35940/ijitee.I7033.079920
9	G. Mallikharjuna Rao	Information Security Using Cryptography and Image Steganography	IJRTE journal	Vol.-9	Issue-2	pp. 383-392	Jul-20	ISSN: 2277-3878, DOI:10.35940/ijrte.B3534.079220
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12	B. Neeraja, N.V. Koteswara Rao and B. RajendraNaik	Detection and Analysis of Closely Spaced Multiple Targets Using Modified Music Method	Journal of Advanced Research in Dynamical and Control Systems	Vol. 12	Special Issue 7	pp: 2857-2865	Aug-20	DOI: 10.5373/JARDCS/V12SP7/20202427
13	Raga Sai K, Alivelu Manga N	Design and Verification of AMBA AHB Lite Customized Slave Memory using Vivado	Journal of Xidian University	Vol. 14	ISSUE 8		Aug-20	ISSN No:1001-2400, https://doi.org/10.37896/jxu14.8/036
14	P.Sathish, Ayesha Samreen, N. Alivelu Manga (2020),	Monitoring of Patient Critical Health Parameters by using a Low-Cost IoT based System	Journal of Xidian University	Vol. 14	ISSUE 8		Aug-20	ISSN No:1001-2400, https://doi.org/10.37896/jxu14.8/036
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18	G. SaiTeja, P. Sathish	MQTT Protocol based Smart Greenhouse Environment Monitoring System using Machine Learning	International Journal of Innovative Technology and Exploring Engineering	Vol:9	Issue:9		Jul-20	ISSN: 2278-3075
19	M. Udaya, D. Sony, Dr.D. Krishna Reddy	Design of IRNSS Tracking System using 1.5-bit ADPLL and Correlator	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol.-9	Issue-10		Aug-20	ISSN: 2278-3075
20	Rajendra Prasad M, Krishna Reddy D	LWTSM-IoT: Light Weight Trust Sensing Mechanism for Internet of Things	International Journal of Intelligent Engineering and Systems	Vol 14	Issue 1	pp 82-92	Sep-20	DOI:10.22266/ijies2021.0228.09
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22	Nagadevi Darapureddy, Nagaprakash Karatapu, Tirumala Krishna Battula	Comparative Analysis of Texture Patterns on Mammograms for Classification	Traitement du Signal	Vol. 38	Issue 2	pp.379-386	Apr-21	DOI:10.18280/ts.380215
23	Nagadevi Darapureddy, Nagaprakash Karatapu, Tirumala Krishna Battula	Local Derivative Vector Pattern: Hybrid Pattern for Content Based Medical Image Retrieval	Review of Computer Engineering Studies	Vol. 7	Issue 4	pp.79-86	December 31, 2020	DOI: 10.18280/RCES.070401
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25	Ayesha Samreen, AmtulMohiminTaha, YasaVishwanath Reddy, P. Sathish	Brain Tumor Detection by Using Convolution Neural Network ,	International Journal of Online and Biomedical Engineering	Vol: 16	Issue 13	pp58-69	Oct-20,	DOI:10.3991/ijoe.v16i13.18545
26	N. A. Manga, K. Lakshmana, A. D. Sarma, and T. K. Pant	Analysis of Correlation Between Roti and S4 Using Gagan Data ,	PIER M	Vol99		pp23-34	November, 2020	DOI:10.2528/PIERM20101405
27	M.V.Sireesha, Dr.P.V.Naganjaneyulu, Dr.K.Babulu	A Sturdy Nonlinear hyperspectral Unmixing ,	IETE Journal of Research				Nov-20	DOI: 10.1080/03772063.2020.1838345
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30	M. L. N. Acharyulu, K. Suhitha Lakhi Reddy, B. Haripriya, G. K. Sai Teja	A Novel Approach of ONOFIC Method to the Minimization of Leakage Power in CMOS Circuits	Journal of Electronic Design Engineering	Vol.-7	Issue-1		January-April, 2021	

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31	A.Krishna Kumar, D.Deepika	Automated Monitoring Of Crop Type Statistics, Using Image Classification	International Journal of Software & Hardware Research in Engineering ,(IJSHRE),	Vol.9	Issue 4	pp 1-6	Apr-21	ISSN-2347-4890
32	B. Indira Priyadarshini and Dr. D. Krishna Reddy	Optimized adaptive neuro fuzzy inference system (OANFIS) based EEG signal analysis for seizure recognition on FPGA	Biomedical Signal Processing and Control 66 (2021) 102484			pp.1-15	Feb-21	<a href="https://doi.org/10.1016/j.bspc.2021.102484">https://doi.org/10.1016/j.bspc.2021.102484</a>
33	M.Ramana Reddy	Low Noise and High Linearity Wide-Band Low Noise Amplifier For 5G Receiver Front End System	'International Journal of Innovative Technology and Exploring Engineering'	Vol.-10	Issue-6		Apr-21	
34	N. Dhana Lakshmi and Dinesh Reddy Sunkari	Design of IoT Based Transmission Line Fault Monitoring System	International Journal of Electrical Engineering and Technology (IJEET)	Vol. 12	Issue 6	pp. 336-345	Jun-21	ISSN Print: 0976-6545 and ISSN Online: 0976-6553, DOI: 10.34218/IJEET.12.6.2021.032
35	Dr. K Suman	Reconfigurable Antennas and its recent developments	Turkish Journal of Computer and Mathematics Education	Vol.12	No.13(2021),		July 4, 2021	ISSN 2333-2338
36	A Krishna Kumar	Area Efficient Carry Select Adder Using Parallel Prefix Adder Structure	International Journal of Future Generation Communication and Networking	Vol. 14	No. 1	pp. 1496-1506	2021	
37	D.Deepika, A. Krishna Kumar	Medical Image Fusion Based On Feature Extraction And Sparse Representation	Turkish Journal of Computer and Mathematics Education	Vol.12	No.9		2021	ISSN: 1568-1576
38	N. Alivelu Manga, V.V. Satyanarayana Tallapragada, G.V. Pradeep Kumar, R. Sai Prasad Goud	Design of High-Speed Low Power Computational Blocks for DSP processors ,	REVISTA GEINTEC-GESTAO INOVACAO E TECNOLOGIAS	Vol. 11	No. 2	pp. 1419-1429	Jun-21	ISSN: 2237-0722
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47	G.Mallikharjuna Rao, Haseena Palleb, Pragna Dasaric, Shivani Jannaikode	Implementation of Low Cost IoT Based Intruder Detection System by Face Recognition using Machine Learning	Turkish Journal of Computer and Mathematics Education	Vol.12	No.13	pp. 353-362	2021	
48	G. Mallikharjuna Rao, Akshith Aluguri, Minuka Prajay Reddy, Medidi Ajay Srikar	Design and Implementation of Autonomous Vehicle with Lane Tracking and Sign Detection using Machine Learning	Design Engineering (Toronto),	Vol	Issue 6	pp. 182 - 204	2021	
49	D Sony; N Krishna Sandeep Reddy ; R V Krishna Sathvik ; Palle Vivek Goud	A Smart Parking System Using M2M Communication ,	International Journal of Electrical Engineering And Technology	Vol. 12	Issue 5	pp. 109-115	May-21	
50	D. Sony, P. Keerthi, O. Aditya & N. Sravya	Simulation and Performance Analysis of Interleave Division Multiple Access (IDMA) in Comparison with Code Division Multiple Access (CDMA) ,	Asian Journal of Applied Science and Technology (AJAST)	Vol. 5	Issue 2	Pages 90-94	April-June 2021	
51	N Dhana Lakshmi, Peddi Gayatri	DESIGN OF WOMEN SAFETY AND SECURITY SYSTEM	International Journal of Electrical Engineering and Technology (IJEET),	Vol. 12	Issue 6	pp. 453-458	Jun-21	
52	P.S Pandey, Dr.D.E Chaitanya, Dr. Vinodh Kumar Minchula, Dr.T.AB, Dr.V.Premchandran, Dr.Keerthika T	Iot-Enabled Wireless Sensor Networks For Controlled and Safe Routing	International Journal of Aquatic Science	Vol. 12	Issue 2	pp. 1712-1718	June 26th 2021	ISSN: 2008-8019
53	Satyavati Jaga	Hand Detectionand Tracking Using Opencv And Python ,	International Journal of Advanced Research in Engineering and Technology (IJARET)	Vol. 11	Issue 12	pp.3261-3266	Dec-20	ISSN Print: 0976-6480 and ISSN Online: 0976-6499 DOI: 10.34218/IJARET.11.12.2020.307
54	K.S.R.S. Jyothsna, T.Aravinda Babu	Possible solutions for Interference Coordination in HETNETS of LTE-A	International Journal of Electrical Engineering and Technology (IJEET)	Vol. 12	Issue 5	pp. 171-178	May 2021	
55	T.Aravinda Babu, K.S.R.S. Jyothsna	Performance analysis of Video Steganography using DWT-BCH method	International Journal of Electrical Engineering and Technology (IJEET)	Vol. 12	Issue 6	pp. 242-250	June 2021	
56	J. Balakrishna	Design and Implementation of RFID Controller using Verilog HDL	International Journal for Research in Applied Science & Engineering Technology (IJRASET)					ISSN: 2321-9653
57	J. Balakrishna	FPGA based Design and implementation of Triple Error Detection and Correction Algorithm using BCH Codes	International Journal of Creative research Thoughts	Vol. 9	Issue 6		Jun-21	ISSN: 2320-2882
58	Supraja Reddy A and Haritha G	Analysis of Temporal Variations of TEC with Ionospheric Activity at Low Latitude Station	Proteus Journal	Vol.12	Issue.07		June 2021	
59	Supraja Reddy Ammana	Overview of Real-Time GNSS Spoofing Attacks and Consequences	Journal of Interdisciplinary Cycle Research ,	Vol. XIII	Issue VI	pp.1658-1662	Jun-21	

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60	E.Chandrasekhar,Sai kiran reddy Govindugari, Saiteja Donthineni, Charanteja Abbavathini	Smart Glove for Blind	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Vol. 9	Issue V		May-21	ISSN: 2321-9653
61	E.Chandrasekhar, P.Chandra Sekhar	Plant Monitoring System using Image Processing	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Vol. 10	Issue 6	page N0:8306-8312	Jun-21	DOI:10.15680/IJIRSET.2021.1006407 ,ISSN,2319-8753
62	E.Chandrasekhar	Vehicle Health Monitoring System	International Journal of Creative Research Thoughts (IJCRT)	Vol. 9	Issue 6	page No 580-585	Jun-21	ISSN: 2320-2882
63	Lenin Naragani, N. V. Koteswara Rao and Kumara Swamy K	A Compact Low Profile Inverted-F Multi Band Antenna (IFMBA) System for Wifi – Wlan - Wimax Applications	International Journal of Advanced Research in Engineering and Technology (IJARET)	Vol. 12	Issue 5	pp. 51-58	May-21	ISSN Print: 0976-6480 and ISSN Online: 0976-6499, DOI: 10.34218/IJARET.12.5.2021.005.
64	Kumara Swamy K, N. V. Koteswara Rao and Lenin Naragani	A Shared Aperture Multifunction Dual Polarized Dual Band Antenna for Base Station Applications	International Journal of Advanced Research in Engineering and Technology (IJARET)	Vol. 12	Issue 5	pp. 59-68	May 2021	1. ISSN Print: 0976-6480 and ISSN Online: 0976-6499, DOI: 10.34218/IJARET.12.5.2021.006.
65	Dr. Panyam Narahari Sastry	Performance Analysis of Median and Wiener Filters in Image Denoising	Design Engineering(Toronto)		Issue: 6	Pages: 872-892	2021	ISSN: 0011-9342
66	Dr. Panyam Narahari Sastry, Karanam Deepak	Analysis and Identification of AeroplaneImages using Transform based Methods	Turkish Journal of computer and Mathematics Education	Vol 12	Issue 13	pp 343-352	2021	
67	Dr. Panyam Narahari Sastry, Karanam Deepak	Analysis and recognition of animals in zoo using transform based techniques	Turkish Journal of computer and Mathematics Education	Vol 12	Issue 13		2021	
68	Satyavati Jaga, Dr.K.Rama Devi2	A Crystal view on Brain Tumor Detection Methods	Design Engineering (Toronto)		Issue: 6	Pages: 3341- 3346	2021	ISSN: 0011-9342
<b>2019-20</b>								
1	KaithaPraveena, Perumalla Naveen Kumar, D.Krishna Reddy, N.Santhosh	Analysis of Ionospheric Scintillations of NavIC L5 and S -band Signals over Low Latitude Indian Region	Journal Procedia Computer Science, Elsevier, ScienceDirect	Vol 17	1C	pp. 989-998	June 2020.	PROCS38424,ISSN 1877-0509,PROCS38424, DOI 10.1016/j.procs.2020.04.106
2	P.Sathish and D. Krishna Reddy	Predictive Data Optimization of Doppler Collision Events for NavIC System	Advances in Intelligent Systems and Computing (Spinger)			pages 583-589	Apr-20	<a href="https://doi.org/10.1007/978-981-15-3215-3_57">https://doi.org/10.1007/978-981-15-3215-3_57</a>
3	Neeraja B, RamyaK	Design and Analysis of an Energy Efficient 4-bit Barrel Shifter Circuits in 45nm Technology	International Journal of Engineering and Advanced Technology (IJEAT)	Vol.-9	Issue-4	Page No. 885-890		ISSN: 2249-8958
4	A.Vani, D.Rakesh	Implementation of Double Threshold Based Re-Sensing for Spectrum Energy Detection in Cognitive Radio	,Journal of Engineering Science	Vol 11	Issue 5		May-20	ISSN NO: 0377-9254
5	V. V. Satyanarayana Tallapragada, N. Alivelu Manga, G. V. Pradeep Kumar, M. VenkataNaresh,	Mixed image denoising using weighted coding and non-local similarity	SN Applied Sciences	Vol. 2	Issue 6		Jun-20	ISSN: 2523-3963 (Print), 2523-3971 (Online), <a href="https://doi.org/10.1007/s42452-020-2816-y">https://doi.org/10.1007/s42452-020-2816-y</a>
6	N. Dhana Lakshmi and M. SatyaSai Ram	Configuring Appropriate Artificial Neural Network with Monarch Butterfly Optimization For Speaker Recognition	ARPN Journal of Engineering and Applied Sciences	VOL. 15	NO. 3		Feb-20	ISSN 1819-6608



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7	N. Alivelu Manga	Performance Analysis of Acquisition Algorithms of NavIC	International Journal of Engineering and Advanced Technology (IJEAT	Vol.-9	Issue-2		December, 2019	ISSN: 2249 – 8958,DOI: 10.35940/ijeat.B3420.129219
8	Dharmavaram Asha Devi, Satyavati Jaga	Analysis Of Scheduled Routing Algorithms On 5-Port Router For Network On Chip Application ,	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	Vol. 8	ISSUE 09		Sep-19	
9	Nagadevi Darapureddy, Nagaprakash Karatapu, Tirumala Krishna Battula	Research of Machine Learning Algorithms using K-Fold Cross Validation	International Journal of Engineering and Advanced Technology (IJEAT)	Vol.-8	Issue-6S		Aug-19	ISSN: 2249 – 8958,DOI:10.35940/ijeat.F1043.0886S19(
10	Sana Fathima, Sudarshan Reddy Kotla, Sameeha Fahmeen, Quddusa Sultana and D Krishna Reddy	Estimation and Analysis of Instrumental Biases for GPS and NavIC Satellites and Receivers	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)	Vol 8	No.1.4	PP. 391-394	Sep-19	ISSN 2278 – 3091,DOI-10.30534/ijatcse/2019/5981.42019
11	Sudarshan Reddy Kotla, Sameeha Fahmeen, Quddusa Sultana and D Krishna Reddy	Augmentation of NavIC with GPS Over Indian Region	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE)	Vol 8	No.1.4	pp. 202-205	Sept. 2019	ISSN 2278 – 3091,DOI 10.30534/ijatcse/2019/3181.42019
12	Sathish Pasika, D. Krishna Reddy	Estimation of Doppler Positioning for NavIC System in Static and Dynamic Conditions	International Journal of Engineering and Advance Technology (IJEAT	Vol.: 9	Issue: 6		Aug-19	ISSN: 2249-8958, DOI: 10.35940/ijeat.F8788.088619
13	V. V. Satyanarayana Tallapragada, V. Sireesha, G. V. Pradeep Kumar	Telugu Character Recognition Using Adaptive Fuzzy Membership Functions with Adaptive Genetic Algorithm Based Techniques	International Journal of Recent Technology and Engineering (IJRTE)	Vol.-8	Issue-3	pp. 3092-3097	Sep-19	ISSN: 2277-3878,DOI:10.35940/ijrte.C4973.098319
14	Koiloth SRS Jyothsna, Tummala Aravinda Babu, Joseph Michael Murray	, PERFORMANCE COMPARISON OF TECHNIQUES FOR INTERFERENCE COORDINATION IN HETNETS OF LTE-A	International Journal of Electrical Engineering & Technology (IJEET)	Vol. 11	Issue 4	pp. 141–149	Jun-20	ISSN Print: 0976-6545 and ISSN Online: 0976-6553
15	A. Vani, N. Yahdidya, I. Yaswanthsai, MD. Kareema Pasha	Implementation of Accident Detection and Alert System for Emergency Medical Assistance using Mobile Application with MIT App Inventor	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Vol. 8	Issue IV		Apr-20	ISSN: 2321-9653
16	Venu Dunde, Koteswara Rao NV	Weight Matrix-Based Representation of Sub-Optimum Disturbance Cancellation Filters	I.J. Intelligent Systems and Applications			10, 15-24	2019	DOI:10.5815/ijisa.2019.10.02
17	Bharath Regimanu, Kishore Chandra Das, Kakarla Subba Rao, N V Koteswara Rao	Dither Filtering of Real RLG Signal Using Wavelet Transforms	GyroscoPy and Navigation, Springer				Feb 20	
18	J. Rajeshwar Goud, N. V. Koteswara Rao, A. Mallikarjuna Prasad	Inset fed Triple Band U-Slot Antenna for GSM900/GSM1900/WLAN Applications	International Journal of Engineering and Advanced Technology (IJEAT	Vol.-8	Issue-6S3			ISSN: 2249 – 8958
19	Venu Dunde, Koteswara Rao NV	Weight Matrix-Based Least Mean Square Algorithm for Target Detection in Passive Radars	International Journal of Engineering and Advanced Technology (IJEAT)	Vol.-8	Issue-6		Aug-19	ISSN: 2249 – 8958
20	Venu Dunde, Koteswara Rao NV	Weight Matrix-Based Representation of Sub-Optimum Disturbance Cancellation Filters For Passive Radars ,	Jour of Adv Research in Dynamical & Control Systems	Vol. -11	Issue - 05		2019	
21	N. Alivelu Manga, E.Chandrasekhar, P. Chandra Sekhar	Design and Simulation of 12-bit Current Steering DAC	International Research Journal of Engineering and Technology	Vol.: 06	Issue: 07		Jul-19	ISSN:2395-0056

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22	M. Ramana Reddy	Design of Static CMOS 16 Bit High Speeds and Low Power Consumption Hybrid Adder Circuit using Brent Kung Adder	International Journal of Recent Technology and Engineering (IJRTE)	Vol.-8	Issue-6		Mar-20	ISSN: 2277-3878
23	M. Ramana Reddy	IoT BASED AIR AND SOUND POLLUTION MONITORING SYSTEM USING MACHINE LEARNING ALGORITHMS	journal of ISMAC (2020).	Vol.02	No. 01	Pages: 13-25		DOI: <a href="https://doi.org/10.36548/jismac.2020.1.002">https://doi.org/10.36548/jismac.2020.1.002</a>
24	A.Krishna Kumar, D.Deepika	Mathematical Modelling of Full Adder using Carbon Nanorods	'International Journal of Innovative Technology and Exploring Engineering (IJITEE)'	Vol.-9	Issue-7	Page No. 18-21.(	May-20	ISSN: 2278-3075 (Online
25	A. Krishna Kumar	Chat Application via UDP Protocol in C	International Journal for Research in Applied Science & Engineering Technology	Vol. 8	Issue V		May-20	
26	K.Nikila, D.Nagadevi,	Classification of Brain Images Using Support Vector Machine and K-Nearest Neighbors	AC Journal, Vol. IX		issue:5		May-20	ISSN NO:2231-3990
27	Suman Kshirsagar,	Optimization of Speech signal for improving BER using Adaptive 3-D Turbo Codes	International Journal of Recent Technology and Engineering (IJRTE)	Vol.-8	Issue-4		Nov-19	ISSN: 2277-3878, DOI:10.35940/ijrte.D7655.118419
28	D. Deepika, A Krishna Kumar, Monelli Ayyavaraiah, Shoban Babu Sriramoju	Phases of Developing Artificial Intelligence and Proposed Conversational Agent Architecture	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol.-8	Issue-12		Oct-19	ISSN: 2278-3075
29	Panyam Narahari Sastry, G. Akhil, Vaishnavi Suthram	Analysis and Recognition of Bilingual Handwritten Scripts	International Journal of Recent Technology and Engineering (IJRTE), Blue Eyes Intelligence Engineering & Sciences Publication	Vol.-8	Issue-6	pp 2571-2578	Mar-20	ISSN: 2277-3878, DOI:10.35940/ijrte.F8538.038620
30	Panyam Narahari Sastry, Mohammed Sameer Syed	Recognition of Offline Handwritten Characters using 2D-FFT for English and Hindi Scripts	International Journal of Engineering and Advanced Technology (IJEAT), Blue Eyes Intelligence Engineering & Sciences Publication	Vol. - 9	Issue - 4	pp 1512 - 1517	Apr-20	ISSN: 2249-8958 DOI:10.35940/ijeat.D7339.049420
31	D. Venkat Reddy, M.V. Nagabhushanam, V.S.N. Kumar Devaraju	EARLY DETECTION OF DIABETIC RETINOPATHY USING IMAGENET ,	JOURNAL OF CRITICAL REVIEWS	VOL 7	ISSUE 11		2020	ISSN- 2394-5125
32	M.V.Sireesha, Dr.P.V.Naganjaneyulu, Dr.K.Babulu	A Sturdy Non-Negative Matrix Factorization For Nonlinear Hyperspectral Unmixing	JCMCS(wos)	vol 15	, Issue 1	pp115-117	Jan-20	
<b>2018-19</b>								
1	Pranay Kumar Dasari, D.Sai Harsha, E.Chandrasekhar	Implementation of Low-Cost Home Monitoring, Controlling and Security System using IoT	International Journal of Engineering Research & Technology (IJERT)	Vol. 8	Issue 06		June-2019	ISSN: 2278-0181
2	B. Prabhakar, D. Krishna Reddy	Implementation of Efficient Block Based Motion Estimation Algorithm Using Skipping Technique	International Journal of Recent Technology and Eng. (IJRTE)	Vol.8	Issue-1		May-19	ISSN: 2277-3878, 1941-1945
3	Sathish Pasika, D.Krishna Reddy and N. Alivelu Manga	Development of Raspbian kernel Customization for Automatic Railway Level Crossing Application	International Journal of Recent Technology and Engineering (IJRTE)	Vol 8	Issue 1C	pp: 196-201	May-19	ISSN: 2277-3878

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4	B. Prabhakar, D. Krishna Reddy	An Efficient Block Based Motion Estimation Algorithm Using ESAT	Journal of Advanced Research in Dynamical and Control Systems (JARDCS)				Apr-19	ISSN:1943-023
5	Sudarshan Reddy Kotla, SamechaFahmeen, Quddusa Sultana, D. Krishna Reddy	Augmentation of NavIC-11 with BeiDou-3 over Indian Region	Journal of Adv Research in Dynamical & Control Systems	Vol. 11	03-Special issue	pp: 1667-1673	Mar-19	ISSN 1943-023X
6	K Venkata Murali Mohan, D Krishna Reddy, Chaitanya Bharathi, V Krishna, B PullaRao	Millimeter Wave Systems for 5G: Design Principles, Challenges Opportunities	International Journal of Research and Solutions	Vol. 7	Issue XII	pp 532-538	Dec-18	1. ISSN NO:2236-6124
7	N. Jagan Mohan Reddy	Comparison Study of Hamming and Kaiser Window over Band Pass Filter Banks in Cochlear Implant System	SSRG International Journal of Electronics and Communication Engineering (SSRG-IJECE)	Vol. 6	Issue 5		May-19	
8	A.Vani, PranaliShankerBargade	Comparison of BER Performance with DFT and DWT for MIMO- OFDM System	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol. 6	Issue 5		May-19	
9	A.Vani,PranaliShankerBargade	Improvement of BER for MIMO-OFDM System Using Wavelet Transform	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Vol.-8	Issue-8		, June, 2019	ISSN: 2278-3075
10	Mohd Ziauddin Jahangir , J. Mounika	Design and simulation of an innovative CMOS ternary 3 to 1 multiplexer and the design of ternary half adder using ternary 3 to 1 multiplexer, Microelectronics Journal	ELSEVIER				May 2019'	<a href="https://doi.org/10.1016/j.mejo.2019.05.007">https://doi.org/10.1016/j.mejo.2019.05.007</a>
11	K. Suman	Optimizationof Heuristic Algorithms for Improving BERof Adaptive Turbo Codes	IJARET	Vol 10	Issue 2		Apr-19	ISSN: 0976-6499
12	K.S.R.S.Jyothsna	Implementation and Testing of LTE Transmitter in LabVIEW	International Journal of Scientific Research and Review (IJSRR)				April 2019	ISSN:2279-0543
13	A.V.Narashimha Rao	'Performance Analysis of Energy Efficient S-Leach under Data Compression Technique to Improve Network Life Time by Using NS-2.35'	'International Journal of Inventive Engineering & Sciences (IJIES)'	Vol.-5	Issue-3	Page No.:1-6	Mar-19	ISSN: 2319-9598
14	A. Krishna Kumar	Design of Voltage Regulator for High Speed Applications	International Journal of Research in Electronics and Computer Engineering (IJRECE)	Vol. 7	Issue 1		January-March,2019	
15	K. Suman	Performance verification of 3D Turbo Code and A3D Turbo Code using Noise Adaptive approach for BER performance	JETIR	Vol 6	Issue 3		March 2019	ISSN-2349-5162
16	K. Suman	Analysis of A3D-TC for Improving Bit Error Rate	JETIR	Vol. 6	Issue 3		March 2019	ISSN-2349-5162
17	K.Suman	Performance Comparison of A3D Turbo code with other Turbo codes using Noise adaptive approach	IJRECE	Vol 7	Issue 1		March 2019	ISSN: 2393-9028
18	K. Suman	Validation of Heuristic Algorithms for improved BER performance	IJCER,	Vol 09	Issue3		Mar-19	ISSN €: 2250 – 3005

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19	D Naga Devi	Feature Extraction of Histopathological Images of Skin Tissues Using Morphological Operations	JETIR International Journal				Mar-19	(ISSN: 2349-5162)
20	N Dhana Lakshmi, P M Sainath Rao	Voice controlled Robotic Arm for Kitchen application	Journal of Emerging Technologies and Innovative Research (JETIR)	Vol. 6	Issue 2		Feb-19	ISSN - 2349- 5162
21	Majeti Venkata Sireesha, Panchala Venkata Naganjaneyulu, Kaparapu Babulu	A Study Nonlinear Hyperspectral Unmixing Algorithm using Iterative Block Coordinate Descent Algorithm ,	International Journal of Intelligent Engineering & Systems	Vol 12	Issue 3		2019	DOI: 10.22266/ijies2019.0630.18
22	Bharath Ragimanu, Kishore Chandra Das, Kakarla Subba Rao	Development of Multistage Digital filters for dither signal removal in Ring Laser Gyro	Frequenz	Vol 71	Issue 3		Feb-19	DOI: 10.1515/Freq – 0195 (SCIE)
23	K. Suman	Simulation of Adaptive Third component Turbo Codes using Genetic Algorithm	IJEE	Vol 11	Issue 1		Jan-19	ISSN: 0973-7383
24	Guru Murthy Vemula, Kakarla Subba Rao	Estimation of sea clutter spectral intensity using STFT ,	Journal of Advanced Research in Dynamic and control systems	Vol 11	01 Special Issue		2019	ISSN: 1943-023X.
25	K. Suman	Genetic Algorithm: An Adaptive Approach to Improve BER in Turbo Codes ,	IJMERT	Vol 6	Issue 1		Jan-19	ISSN: 2348-8565
26	David Solomon Raju Y and D. Krishna Reddy	Extraction of Region of Interest from Natural Images with Spline Based Clustering Method	International Journal of Management, Technology and Engineering	Vol. IX	Issue I	pp: 3921-3929	January, 2019	ISSN No: 2249-7455
27	A. Krishna Kumar, D. Deepika	Power Efficient Method to Improve the Transient Behavior Of the Voltage Regulator for High Speed Applications	International Journal Of Current Engineering And Scientific Research (IJCESR)	Vol.-5	Issue-11		Nov-18	Issn (Print): 2393-8374, (Online): 2394-0697
28	Kasi Prasad Mannepalli, PanyamNarahari Sastry, Maloji Suman	Emotion recognition in speech signals using optimization based multi-SVNN classifier	Journal of King Saud University - Computer and Information Sciences				Nov-18	<a href="https://doi.org/10.1016/j.jksuci.2018.11.012">https://doi.org/10.1016/j.jksuci.2018.11.012</a>
29	Bharath Regimanu, Kishore Chandra Das, Kakarla Subba Rao, N.V. Koteswara Rao	Dither Signal Filtering in Ring Laser Gyroscope Using Modified Stockwell Transform	This article has been IEEE Sensors Letters					DOI 10.1109/LSENS.2018.2865426 sep2018.
30	Q.J. Mohd, D.S. Achanta, V.K.R. Nalam, T.K. Pant.	'Comparison of TEC estimation techniques using S1 and L5 signals of IRNSS'	Radioelectronics and Communications Systems	Vol61	No. 7	pp. 306-316	Jul-18	ISSN 1934-8061 (Online), ISSN 0735-2727 (Print). doi: <a href="https://doi.org/10.3103/S0735272718070038">https://doi.org/10.3103/S0735272718070038</a> . (
31	David Solomon Raju Y and D. Krishna Reddy	Interactive Natural Image Segmentation and Foreground Extraction	Special Issue of International Journal of Engineering & Technology, Science Publishing Corporation, (UAE), 7(3.27)			pp.70-72	Jul-18	ISSN:2227-524X
32	P Sriravali, J Balakrishna, N. Alivelu Manga	FPGA based design and Implementation of Micro- ATM	JETIR (ISSN:2349-5162) UGC Approved & 5.87 Impact Factor	Vol. 5	Issue7		Jul-18	
33	V. V. Satyanarayana Tallapragada, G. V. Pradeep Kumar, M.Venkatanaresh	Segmentation of Medical Images with Intensity Inhomogeneity using Multiphase Level Set Functions	International Journal of Engineering & Technology	Vol. 7	Issue 3	pp.683-689	Nov-18	

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34	Smt.M V Sireesha, Mr. Koppulapalli Ronith Raj (160115735158), Ms. Md. Masiuzzama (160115735333) Mr. A.Trivedh	Deep Learning based Fire Fighting Robot	journal International Journal of Scientific Research	Vol. 8	Issue 4		2019	ISSN NO: 2279-543X

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)**

**Department of Mechanical Engineering**

**Faculty Publication Details for the Last Three Years (2018-19, 2019-20 & 2020-21)**

**2020-21**

Sl. No.	Authors	Title of the Paper	Name of the Journal	Volume No.	Page No.	Month-Year	DOI
1	Jagadeshwar Kandula , Usha Sri P , Ravinder Reddy P & S.K. Gugulothu	Experimental investigation of near-wake characteristics of hydrodynamic cavitating flow around circular cylindrical pins of different geometries with and without ultrasonic transducers	Advances in Materials and Processing Technologies		pp.1-20	20th Dec.2020	DOI: 10.1080/2374068X.2020.1852522
	Venkata Sushma chinta, S. Solomon Raj, P.Ravinder Reddy, Eluka Vincent	Numerical and Experimental Investigation of Effect of Stacking Sequence on the Fracture Parameters of Composite Materials	Journal of Xi'an University of Architecture & Technology	Volume XIII, Issue 2	pp.76-86	2021	
	Venkata Sushma chinta, P.Ravinder Reddy, Koorapati	Experimental and FE Analysis of Tensile and Bending Properties of Glass/Jute Epoxy Hybrid Composite	International Journal of New Innovations in Engineering and Technology(IJNIET)	Volume 15, Issue 4	pp. 31-39	Jan. 2021	ISSN: 2319-6319, UGC Approved Journal(47645)
	Jagadeshwar Kandula, P. Ushasri, P. Ravinder Reddy, S.K. Gugulothu	Numerical and Experimental Cavitation assessment of Near-Wake Characteristics of Hydrodynamic Performace Characteristics of Cavitating Flow with and without Ultrasonic Transducers	Measurement	V173	pp.1-15	March 2021	
	Jagadeshwar Kandula, Usha Sri P, Ravinder Reddy P & S.K. Gugulothu	Numerical and Experimental Evaluation of Near-Wake Cavitation Flow Around Axisymmetric Cavitators	Ships and Offshore Structures	doi.org/10.1080/17445302.2021.1893458	pp.1-11	March 2021	
	Jagadeshwar Kandula , Usha Sri P , Ravinder Reddy P	Numerical Investigation of Cavitating Flows in the Step Nozzle	AIP Conference Proceedings	2317, 030009		05 February 2021	<a href="https://doi.org/10.1063/5.0036215">https://doi.org/10.1063/5.0036215</a>
	Venkata Sushma Chinta, P. Ravinder Reddy , Koorapati Eshwara Prasad, S. Solomon Raj	Modal Analysis Of Carbon/Epoxy Plate By Varying Fibre Orientation, Turkish Journal of Computer and Mathematics Education,		Vol.12, No.10	pp. 7580-7586	28 April 2021	ISSN 1309-4653, <a href="https://doi.org/10.17762/turcomat.v12i10.5667">https://doi.org/10.17762/turcomat.v12i10.5667</a>
	P Anjani Devi, Dr P. Ravinder Reddy, Dr.Eshwara Prasad Koorapati	Computational Study on the Flexural Properties of E-Glass Fibre Reinforced Composites with Nano-Clay as Filler Material	NOVIY MIR Research Journal	6, issue6	123-130	Jun-21	
2	Ananda Mohan Vemula, G. Chandra Mohan Reddy, M. Manzoor Hussain,	Comparative analysis of the orientation dependent tensile deformation of commercially pure titanium and titanium alloy OT 4-1	Elsevier: Materials Today: Proceedings	Volume 37, Part 2	Pages 1743-1747	2021	
	Ananda Mohan Vemula, G. Chandra Mohan Reddy, M. Manzoor Hussain	Comparison of Experimental and Simulation Results Using Erichsen Cupping test of titanium alloy OT 4-1	Elsevier: Materials Today: Proceedings	( <a href="https://www.sciencedirect.com/science/article/pii/S2214785320373570">https://www.sciencedirect.com/science/article/pii/S2214785320373570</a> )	in press	2020	
	Ch Saikrupa, G. ChandramohanReddy , SriramVenkatesh	Aluminium metal matrix composites and effect of reinforcements – A Review	IOP Conference Series: Materials Science and Engineering	1057 (2021) 012098, IOP Publishing	doi:10.1088/1757-899X/1057/1/012098	2021	
	PVR Ravindra Reddy, K. Ankamma, G ChandraMohan Reddy, P Prabhakar Reddy	A Screening Test on Flow forming Parameters Using Taguchi Method	PENSEE Journal	Vol 51, Issue 4	pp 281-285	2021	

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3	N. Venkateswar Rao, M.V.S.Murali Krishna and D.Srikanth	Investigations on exhaust emissions of high grade low heat rejection diesel engine with cottonseed biodiesel	International Journal of Mechanical Engineering and Technology	12(5)	1-10	2021	
	M.V.S.Murali Krishna, N.Janardhan, S. Narasimha Kumar, K.Kishor, Ch.Indira Priyadarsini, Y.Nagini	Reduction of pollutants in 2-stroke petrol engine	Advanced Aspects of Engineering Research	9		2021	ISBN: 978-93-90888-74-0
	N.Janaardhan and M.V.S.Murali Krishna	Reduction of exhaust emissions of semi adiabatic diesel engine with alternative fuels	International Journal of Mechanical Engineering and Technology	12(3)	9-19	2021	
	K.Laxmi and M.V.S.Murali Krishna	Investigations on reduction of emissions in spark ignition engine	International Journal of Mechanical Engineering and Technology (Scopus Indexed)	12(3)	1-8	2021	
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5	Ajmeera Ramesh, N.V. Srinivasulu, M. Indira Rani	Effect Of Functionalized Multiwalled Carbon Nanotube On The Micro Hardness And Water Absorption Properties Of Okra Cellulose Nanofibers/ Epoxy Nanocomposites	INTERNATIONAL CONFERENCE				
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88	Dr. B. Veera Jyothi, Dr. Rahul and V.Jaipal Reddy	Smart E-Commerce Application With Secure Blockchain	International Journal Of Mechanical And Production Engineering Research and Development (IJMPERD)-SCOPUS INDEXED	Vol. 10, Issue 3	7209-7220.	2020	ISSN(P): 2249-6890; ISSN(E): 2249-8001
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107	Dr. B. Veera Jyothi, Dr. Rahul and V.Jaipal Reddy	Smart E-Commerce Application With Secure Blockchain	International Journal Of Mechanical And Production Engineering Research and Development (IJMPERD)-SCOPUS INDEXED	Vol. 10, Issue 3	7209-7220.	2020	ISSN(P): 2249-6890; ISSN(E): 2249-8001
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113	K.N.V.Sreedevi,M.V.S.Murali Krishna.sunayana.Bhoomika	Effect of EGR on performance of CI Engine with Diesel and Cotton seed oils as fuels	International Journal of Mechanical and Production Engineering,Research and Development IJMPERD	vol10	page no-973-984	2019	ISSN(E) :2249-8001
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36	Dr. Md. Aleem Pasha, R. Siva Rama Krishna	Optimization of Process Parameters of Friction Stir Processing on Aluminium Alloy 7075”	International Journal of research in Advent Technology	special issue	192-198	March 2019	2321-9637

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44	N.Venkateswara Rao, M.V.S.Murali Krishna, R.Peraiah Chowdary, N.Janardhan, V.V.R.Seshagiri Rao and T.Ratna Reddy	Experimental investigations on pollution levels from supercharged partially adiabatic diesel engine with tamarind biodiesel blended with diethyl ether	International Journal of Pollution Research	37(4)	235-240	2018	
45	Jyothirmayi Narne,Varimadugu Sandhya,Nagini Yarramsetty & V.Jaipal Reddy	"Experimental and Numerical Investigations on Crack Propagation in Titanium alloys ",	International Journal of Current Engineering and Technology	Vol-8.May 2019,Issue-4.	pp.922-927	2019	
46	Ch.Indira Priyadarsini, M.V.S.Murali Krishna, Ipsita Mohanti, Y.Nagini, S.Narasimha Kumar and K.Kishor	Control of exhaust emissions from copper coated spark ignition engine with butanol blended gasoline with catalytic converter with different catalysts					
47	M.V.S.Murali Krishna, S.Narasimha Kumar, K.Vamsi Krishna, and Sri Ram Bharathula	Experimental Investigation on SI Engine Emissions via EGR and Catalytic Converter with Air Injection Mechanism”					
48	S.NarasimhaKumar	Experimental Investigations on Performance Parameters of Ceramic Coated Diesel Engine with Linseed Oil Biodiesel					
49	B V S Rao, G Chandra Mohan Reddy, G Krishna Mohan Rao, and P V R Ravindra Reddy,	“Numerical Analysis on The effect of Various Parameters on Fracture Limit for Deep Drawn Cups’	,Materials today : PROCEEDINGS,5(2018)1387-1400 , Science Direct				

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51	Keerthi Shrivani, K T Ujwal Pratap Krishna, Dr. B V S Rao	Designing and Modelling of and Autonomous Robot for Cleaning Lake Surface,	Global Journal of Engineering Sciences and Researches		PP 15-22	2019	
52	Dr. N. JANARDHAN	Study of Smoke Levels Using crude Jatropha Oil with Preheated Condition and at Normal Condition Injection in High Grade Low Heat Rejection Combustion Chamber of Diesel Engine at Different Operating Pressures					
53	Dr B james Prasad rao,Dr.L.suresh kumar,G.gopal,V.jaipalreddy,jyothirmayi,	“Application of genetic algorithms For modelling the EDM parameters on Machining of AISI 4340 steel”	IJPTM	Volume 10, Issue 1, January-June, 2019	pp. 49–58	2019	
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57	P. Ravinder Reddy, P. Anjani Devi	Review on the Advancements to Additive Manufacturing 4D and 5D printing	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	8(4)	397-402	2018	
58	P. Anjani Devi, Dr P. Ravinder Reddy, Eshwara Prasad Koorapati, P.Niketani Reddy	Evaluation of interlaminar fracture toughness of e-glass epoxy composite material under mode I loading	International Journal of Management, Technology And Engineering	9(1)	3073-3082	2019	
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60	T. N. Aditya , A. Chandrakanth, M.Elangovan	A study on effect of process parameters on quality using low cost 3D printer”, International Journal of Engineering and Technology	International Journal of Engineering and Technology	Vol7.No3.29 (2018)			
61	K. GURUBRAHMAM2 & J. V. SUBRAHMANYAM3 P. KIRAN KUMAR1	ANALYSIS OF BASE EXCITED STAINLESS STEEL CYLINDRICAL SHELL SUBJECTED TO HORIZONTAL ACCELERATION	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	14-21			
62	T. N. Aditya , A. Chandrakanth, M.Elangovan	A study on effect of process parameters on quality using low cost 3D printer”, International Journal of Engineering and Technology	International Journal of Engineering and Technology	Vol7.No3.29 (2018)			
63	D Ravi	EFFECTIVE COMPREHENSIVE THERMOMECHANICAL ANALYSIS OF BRAKE MECHANISM	IJMTE	Volume IX, Issue V	1803-1811	March-2019	ISSN NO : 2249-7455

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64	Ch.Indira Priyadarsini, M.V.S.Murali Krishna, Ipsita Mohanti, Y.Nagini, S.Narasimha Kumar and K.Kishor	Control of exhaust emissions from copper coated spark ignition engine with butanol blended gasoline with catalytic converter with different catalysts	International Journal of Pollution Research	37(4)	278-282	2018	ISSN: : 0257-8050,
65	K. N. V. Sreedevi , P. Radha Krisha Prasad , M. V. S. Murali Krishna, Jaswant Nag Gangireddy	Modeling and Analysis of a Disc Brake	IJSR	vol 8	874-877	Feb 2019	ISSN: 2319-7064
66	K N V Sreedevi , Dr. M V S Murali Krishna , G. Akshith Reddy, M. Satish Kumar , Mohammed Siddiq	Experimental Investigation on Four Stroke Single Cylinder Diesel Engine with EGR & Magnetic Field	IJRASET	vol7	2058-2065	April 2019	ISSN: 2321-9653

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)**

**Department of Information Technology**

Faculty Publication Details for the Last Three Years (2018-19, 2019-20 & 2020-21)

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<b>2020-21</b>								
1	Ragula Srinivas, Dr. Pabboju Suresh, Dr. M. B. Raju	An Insight on Image Annotation Approaches and their Performances	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	Vol.12	10	5902 - 5910	44287	<a href="https://turcomat.org/index.php/turkbilmat/article/view/5409/4518">https://turcomat.org/index.php/turkbilmat/article/view/5409/4518</a>
2	Dr.Suresh Pabboju, Anusha Viswanadapalli, Dr.Shankarnayak Bhukya	Detection Of Ddos Attack On Online Virtual Armed Bandit Using Hybrid Machine Learning Techniques	Journal Of Critical Reviews	Vol 7, Issue 18	-	-	-	<a href="https://www.bibliomed.org/mnsfulltext/197/197-1595907479.pdf?1630983972">https://www.bibliomed.org/mnsfulltext/197/197-1595907479.pdf?1630983972</a>
3	K. Spandana, Dr. Pabboju,Suresh	Crop Prediction using Internet of Things(IoT) and Cloud Computing	Gradiva Review Journal	Vol 7, Issue 6	-	-	2021	<a href="https://drive.google.com/file/d/1W-0ha5cVYUzQIsCJfqBWmgTJAN4xpEMm/view">https://drive.google.com/file/d/1W-0ha5cVYUzQIsCJfqBWmgTJAN4xpEMm/view</a>
4	Dr. K. Radhika, Ranjith Reddy Gaddam and Saiprakash Bollam	Machine Learning Based Approaches for Efficient Detection Of Malicious URLs	International Journal of Computer Engineering and Applications	Vol XV, Issue III	-	71-79	March, 2021	<a href="https://drive.google.com/drive/u/0/folders/1SO90rhNgPtC2ejtXJlpdZGXDMLFqhgcz">https://drive.google.com/drive/u/0/folders/1SO90rhNgPtC2ejtXJlpdZGXDMLFqhgcz</a>
5	Dr. K. Radhika, Kolli Sesha Sai Hemanth	Detection of Denial-of-Service Attacks using Sequential Model	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Volume 9, Issue V	-	89-94	May,2021	<a href="https://drive.google.com/drive/u/0/folders/1SO90rhNgPtC2ejtXJlpdZGXDMLFqhgcz">https://drive.google.com/drive/u/0/folders/1SO90rhNgPtC2ejtXJlpdZGXDMLFqhgcz</a>

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6	Mandru Suma Sri, Dr. K. Radhika	Machine Learning for Intrusion Detection: A review of Latest Approaches	High Technology Letters	Vol. 7, Issue 2	-	308-317	Feb,2021	<a href="https://drive.google.com/drive/u/0/folders/1SO90rhNgPtC2ejtXJlpdZGXDMLFqhgcZ">https://drive.google.com/drive/u/0/folders/1SO90rhNgPtC2ejtXJlpdZGXDMLFqhgcZ</a>
7	L. Vandana, Dr. K. Radhika	An Efficient Stacking Ensemble Technique for Early Diagnosis of Breast	High Technology Letters	Vol. 27, Issue 6	-	622-640	Feb,2021	<a href="https://drive.google.com/drive/u/0/folders/1SO90rhNgPtC2ejtXJlpdZGXDMLFqhgcZ">https://drive.google.com/drive/u/0/folders/1SO90rhNgPtC2ejtXJlpdZGXDMLFqhgcZ</a>
8	S. Jyothsna, Dr. K. Radhika	Advances in Decision Sciences, Image Processing, Security and Computer Vision	Load Balancing in Cloud Through Multi Objective Optimization	Springer Nature Switzerland AG	-	293-300	Sep,2020	<a href="https://doi.org/10.1007/978-3-030-24322-7">https://doi.org/10.1007/978-3-030-24322-7</a>
9	Dr.K.Radhika	Disease Diagnosis with Medical Prescription	Aegaeum Journal	Vol. 8, Issue 7	-	1092-1106	2020	<a href="http://aegaeum.com/gallery/agm.j-3564.113-ff.pdf">http://aegaeum.com/gallery/agm.j-3564.113-ff.pdf</a>
10	Dr.K.Radhika	A Survey on Building an Effective Intrusion Detection System (IDS) using Machine Learning Techniques, Challenges and Datasets	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Vol 8, Issue 7	-	1473-1478	2020	10.22214/ijraset.2020.30598
11	Dr D L Sreenivasa Reddy	REVIEW ON AUTOMATICALLY IDENTIFYING WILD ANIMALS IN CAMERA-TRAP IMAGES USING CONVOLUTIONAL NEURAL NETWORK	JOURNAL OF CRITICAL REVIEWS	vol 7&Issue no.8	-	pp 2378-2383	Sep,2020	10.31838 / jcr.07.04.369
12	Dr D L Sreenivasa Reddy	Thyroid Diagnosis Using Multilayer Perceptron	Advances in Decision Sciences, Image Processing, Security and Computer Vision	vol 3	-	452-459	July,2020	10.1007/978-3-030-24322-7_56

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13	Dr D L Sreenivasa Reddy	A Systematic Review on Learner's Learning Behavior and their Learning Abode	Sustainable Humansphere	Volume: 16 Issue: 1	-	231-235	-	-
14	Dr M Venu Gopalachari	IoT Functional view and Future Challenges in IoT	International journal of analytical and experimental modal analysis	Vol 12, No.12	-	2783-2790	Dec,2020	18.0002.IJAEMA.2020.V12I12.200001.015685901877
15	Dr M Venu Gopalachari	Internet Of Things - An Emerging Platform For Innovation	International journal of analytical and experimental modal analysis	Vol 12, No.12	-	2783-2790	Dec,2020	<a href="https://drive.google.com/drive/u/0/folders/173zx5FzZm99TTcvXJFHpxew2vOCNRd31">https://drive.google.com/drive/u/0/folders/173zx5FzZm99TTcvXJFHpxew2vOCNRd31</a>
16	Dr M Venu Gopalachari	To Forecast Hospital Admissions From The Emergency Department Using Data Mining Techniques	Journal of Interdisciplinary Cycle Research	Volume 13, Issue 4	-	1058-1065	April,2021	<a href="https://drive.google.com/drive/u/0/folders/173zx5FzZm99TTcvXJFHpxew2vOCNRd31">https://drive.google.com/drive/u/0/folders/173zx5FzZm99TTcvXJFHpxew2vOCNRd31</a>
17	Dr M Venu Gopalachari	A Deep Learning Approach For Criminal Prediction Analysis	Aegaeum Journal	Volume 9, Issue 6	-	213-219	June,2021	<a href="https://drive.google.com/drive/u/0/folders/173zx5FzZm99TTcvXJFHpxew2vOCNRd31">https://drive.google.com/drive/u/0/folders/173zx5FzZm99TTcvXJFHpxew2vOCNRd31</a>
18	Dr M Venu Gopalachari and S. Rakesh	Hashtag Generation with Transfer Learning	International Journal for Research in Applied Science & Engineering Technology	Volume 9, No.6	-	-	June,2021	<a href="https://drive.google.com/drive/u/0/folders/173zx5FzZm99TTcvXJFHpxew2vOCNRd31">https://drive.google.com/drive/u/0/folders/173zx5FzZm99TTcvXJFHpxew2vOCNRd31</a>
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20	Sugamya Katta, Suresh P, Sneha V	Image Retrieval using Hybrid Order Dither Block Truncation Code	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 9 Issue VI	-	-	June,2021	<a href="https://www.ijraset.com/files/serve.php?FID=35449">https://www.ijraset.com/files/serve.php?FID=35449</a>
21	Sugamya Katta	Medical Image Security Based on Reversible data hiding and advanced Encryption standard.	GIS Science Journal	Volume 8 Issue VI	-	-	June,2021	<a href="https://drive.google.com/file/d/14550ZWmSdCldU7lwn6JRF4MtLz-21smT/view">https://drive.google.com/file/d/14550ZWmSdCldU7lwn6JRF4MtLz-21smT/view</a>
22	Sugamya Katta	Retrieving The Text Data from Memos using OCR	International Journal of Engineering and Techniques	Volume 7 Issue 3	-	149-153	June,2021	<a href="https://drive.google.com/drive/u/0/folders/1OnFxPMNIBar6fZlpHehPLgc_2J-yOiGG">https://drive.google.com/drive/u/0/folders/1OnFxPMNIBar6fZlpHehPLgc_2J-yOiGG</a>
23	Sirisha Alamanda, Durga Prasad P, Venkat Teja V	The Vehicle Speed Control & Alert System based on the Drowsiness of the Driver	International Journal of Advanced Science and Technology	Vol-26 Issue-6	-	5577 - 5586	2021	<a href="http://serisc.org/journals/index.php/IJAST/article/view/19629/9994">http://serisc.org/journals/index.php/IJAST/article/view/19629/9994</a>
24	Sirisha A., Nihitha, V. Deepika B.	Phishing URL Detection using machine learning Techniques	LectureNotes in Electrical Engineering	NA	-	1067-1080	NA	10.1007/978-981-15-7961-5_99
25	M.Trupthi, VenkataVamsi Medidi and Srinivas Gouryraj	Auto Jotting: A Notes Maker	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	Vol-8 Issue-6	-	321-329	NA	<a href="https://www.academia.edu/43390007/Auto_Jotting_A_Notes_Maker">https://www.academia.edu/43390007/Auto_Jotting_A_Notes_Maker</a>
26	M. Trupthi and Sushanth Kumar Reddy Kura	Crowdfunding using blockchain	International Journal of Advanced Science and Technology	Vol-29 Issue-1	-	932 -945	2021	<a href="http://serisc.org/journals/index.php/IJAST/article/view/3570/2454">http://serisc.org/journals/index.php/IJAST/article/view/3570/2454</a>

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27	Dr. M. Trupthi, B. SwathiSowmya	An Approach for detecting Brain Tumourusing Hybrid Image	MuktShabd Journal	Vol-10 Issue-6	-	-	2021	<a href="https://app.box.com/s/1wr4fecmbeo0u3qgq1dvj38clcg56n0">https://app.box.com/s/1wr4fecmbeo0u3qgq1dvj38clcg56n0</a>
28	Dr. D. Shanthi, Dr. M. Trupthi	Block Chain Based Health Care System	Turkish journal of Computer and Mathematics Education	Vol-12, No.13	-	276-284	-	<a href="https://drive.google.com/drive/u/0/folders/1hAWHkKduhZQYUWgU7bsNWQra_IOWRBZG">https://drive.google.com/drive/u/0/folders/1hAWHkKduhZQYUWgU7bsNWQra_IOWRBZG</a>
29	Dr. M. Trupthi	COVID-19 Time Series Forecasting of Daily Cases, Deaths Caused and Recovered Cases using Long Short Term Memory Networks	2020 IEEE 5th International Conference on Computing Communication and Automation (ICCCA)	-	-	525-530	Oct,2020	<a href="https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=9250863">https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=9250863</a>
30	E Ramalakshmi	Effective Image Retrieval System based on Interactive Genetic Algorithm using Texture Features	MuktShabd Journal	vol X, Issue- II	-	316-329	Feb,2021	<a href="https://drive.google.com/drive/u/0/folders/1ZJ1bfilDSo-KfJq_iwsJ0dYNLjBNOOF9">https://drive.google.com/drive/u/0/folders/1ZJ1bfilDSo-KfJq_iwsJ0dYNLjBNOOF9</a>
31	E Ramalakshmi	Automated Surveillance and Alert Generation System	Journal of Shanghai Jiaotong University	Volume 17, Issue 3	-	27-31	March,2021	<a href="https://drive.google.com/drive/u/0/folders/1ZJ1bfilDSo-KfJq_iwsJ0dYNLjBNOOF9">https://drive.google.com/drive/u/0/folders/1ZJ1bfilDSo-KfJq_iwsJ0dYNLjBNOOF9</a>
32	E Ramalakshmi	Human writing to Computer Text Conversion	HTL Journal	Vol 27, Issue 4	-	677-682	April,2021	<a href="https://drive.google.com/drive/u/0/folders/1ZJ1bfilDSo-KfJq_iwsJ0dYNLjBNOOF9">https://drive.google.com/drive/u/0/folders/1ZJ1bfilDSo-KfJq_iwsJ0dYNLjBNOOF9</a>
33	Ms.T. Prathima	N-Gram and Vocabulary Based Authorship Identification	Augaeum Journal	Volume 9, Issue 6	-	82-92	June,2021	<a href="https://drive.google.com/file/d/1r5pzAMV2Kh1W_Tu7O2i-hqCO6XRPSs1b/view">https://drive.google.com/file/d/1r5pzAMV2Kh1W_Tu7O2i-hqCO6XRPSs1b/view</a>

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34	Ms.T. Prathima	Detecting Covid-19 using Chest X-Rays: A Neural Network Based Approach	International Journal of Creative Research Thoughts(IJCRT)	Volume 9, Issue 6	-	426-437	June,2021	<a href="https://ijcrt.org/papers/IJCRT2106516.pdf">https://ijcrt.org/papers/IJCRT2106516.pdf</a>
35	Ms.T. Prathima	Crime Prediction Using Machine Learning	International Journal of Engineering and Techniques	Volume 7, Issue 3	-	-	June,2021	-
36	Ms. K.Swathi	Eye gaze Communication and Tracking Systems	International journal of Engineering and Techniques (IJET)	Vol.7, Issue 3	-	2395-1303	June,2021	<a href="https://drive.google.com/drive/u/0/folders/1EWJFpx8nFn1V_ev_mOO8JNiLZcoAC344">https://drive.google.com/drive/u/0/folders/1EWJFpx8nFn1V_ev_mOO8JNiLZcoAC344</a>
37	Ms. K.Swathi	Quality Assessment of Hand Washing Using Transfer Learning	Mukt shabd Journal	Vol.10, Issue VI	-	-	June,2021	<a href="https://app.box.com/s/v5pyi5kup028h8rhvy129oezjgkpb9">https://app.box.com/s/v5pyi5kup028h8rhvy129oezjgkpb9</a>
38	Dr.L.Suresh Kumar, Dr.B. Veera jyothi, Dr.P.V.R.Ravindra Reddy	A Fuzzy Logic Controller for Estimation of Proof stress in GMAW Process	JuniKhyat	Vol-10 Issue-7	-	80-86	july,2020	<a href="https://drive.google.com/drive/u/0/folders/1PUIPAcohga6wQOgz5HINFreZzKBaK8xR">https://drive.google.com/drive/u/0/folders/1PUIPAcohga6wQOgz5HINFreZzKBaK8xR</a>
39	Dr.B.Veera Jyothi	Design and Development of a Fuzzy Logic Controller for Prediction of Outer Surface Finish of Flow Formed Component	Journal of Shanghai Jiaotong University	Volume 17, Issue VI	-	33-41	June,2021	<a href="https://drive.google.com/drive/u/0/folders/1PUIPAcohga6wQOgz5HINFreZzKBaK8xR">https://drive.google.com/drive/u/0/folders/1PUIPAcohga6wQOgz5HINFreZzKBaK8xR</a>
40	Dr.B.Veera Jyothi	Analysis On Employee Performance And 3d Printing Technique In Garment Industries	Sambodhi	Vol-44-No.01 (X)	-	117-120	May,2021	<a href="https://drive.google.com/drive/u/0/folders/1PUIPAcohga6wQOgz5HINFreZzKBaK8xR">https://drive.google.com/drive/u/0/folders/1PUIPAcohga6wQOgz5HINFreZzKBaK8xR</a>

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41	Dr.B.Veera Jyothi	Total Quality Management Analysis On Factors Affecting An Organizational Development	Journal of the Maharaja Sayajirao University of Baroda	Volume-55, No.1(VIII)	-	44378	May,2021	<a href="https://drive.google.com/drive/u/0/folders/1PUIPAcohga6wQOgz5HINFreZzKBaK8xR">https://drive.google.com/drive/u/0/folders/1PUIPAcohga6wQOgz5HINFreZzKBaK8xR</a>
42	Mr.Santhosh Voruganti and Mr U Sairam	Digital Image Watermarking using Chaotic Encryption and Arnold Transform	International Journal for Research in Applied Science & Engineering Technology	Volume 9, Issue VI	-	1825-1835	June,2021	<a href="https://www.ijraset.com/files/serve.php?FID=35417">https://www.ijraset.com/files/serve.php?FID=35417</a>
43	Santhosh Voruganti, U Sairam, S Meghana , M Sravanthi	Visual Question Answering with External Knowledge	International Conference on Smart Data Intelligence	International Conference on Smart Data Intelligence	-	393-400	April,2021	<a href="https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3853031">https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3853031</a>
44	Santhosh Voruganti, U. Sairam	Breast Cancer Prediction using CNN and Machine Learning Algorithms with Comparative Analysis	International Journal for Research in Applied Science & Engineering Technology	Volume 9, Issue VI	-	876-883	June,2021	<a href="https://doi.org/10.22214/ijraset.2021.35107">https://doi.org/10.22214/ijraset.2021.35107</a>
45	U.Sairam, Santhosh Voruganti, M V Bhanu Prakash, R.Goverdhan Reddy	A Study on IoT Applications Towards Impact of Loss of Data	Proceedings of the Fifth International Conference on Trends in Electronics and Informatics (ICOEI).		-	440-446	June,2021	10.1109/ICOEI51242.2021.9452935
46	K.Gangadhara Rao, Keerthi Yeswanth, M.Sreedhar Goud	Crop Yield Prediction by using Machine Learning Techniques	Annals of R.S.C.B	Vol 25 Issue 6	-	2551-2557	May,2021	<a href="http://annalsofrscb.ro/index.php/journal/article/download/5869/4531">http://annalsofrscb.ro/index.php/journal/article/download/5869/4531</a>
47	K.Gangadhara Rao	An AI(Artificial Intelligence) based Device for Covid-19 Fever Detection	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 9 Issue VI	-	-	June,2021	<a href="https://drive.google.com/drive/u/0/folders/1xt3wH-twjOnGdYDY62W8-ttEgK-IR9yK">https://drive.google.com/drive/u/0/folders/1xt3wH-twjOnGdYDY62W8-ttEgK-IR9yK</a>

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11	Dr D Lakshmi Sreenivasa Reddy	A Systematic Review on Learner's Learning Behavior and their Learning Abode	Sustainable Humanosphere	Volume: 16 Issue: 1	-	231-235	2020	-
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41	Dr. B. Veera Jyothi	Smart E commerce Application with secure Block Chain	International Journal of Mechanical and Production Engineering Research and Development	Vol:10, Issue:3	-	-	Jun-20	<a href="http://www.tjprc.org/publishpapers/2-67-1596773470-IJMPERDJUN2020682.pdf">http://www.tjprc.org/publishpapers/2-67-1596773470-IJMPERDJUN2020682.pdf</a>
42	Dr. B. Veera Jyothi	Design of an FLC using Mamdani approach for the estimation of weld ductility of MIG welded AL-65032 alloy	The International Journal of computer Engineering and Applications(IJCEA)	Volume XIV , Issue I	-	01-Aug		<a href="http://www.ijcea.com/wp-content/uploads/2020/06/NCRTCEA-2020161.pdf">http://www.ijcea.com/wp-content/uploads/2020/06/NCRTCEA-2020161.pdf</a>
43	Mr.V. Santhosh	Local Security Enhancement and Intrusion Prevention in Android Devices	IRJET	Volume 07 Issue 01	-	-	2020	<a href="https://drive.google.com/drive/u/0/folders/1F8Zo1oRxNyV2zSjubGgEWNDPW_8iEHpx">https://drive.google.com/drive/u/0/folders/1F8Zo1oRxNyV2zSjubGgEWNDPW_8iEHpx</a>
44	Mr.V. Santhosh	EFFECTIVE IOT TECHNIQUES TO MONITOR THE LEVELS OF GARBAGE IN SMART DUSTBINS	IRJET	Volume 07 Issue 06	-	-	2020	<a href="https://www.irjet.net/archives/V7/i6/IRJET-V7I61218.pdf">https://www.irjet.net/archives/V7/i6/IRJET-V7I61218.pdf</a>

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
45	Mr.K Gangadhara Rao	A Neural based Visual Processing System for Automatic Detection and Recognition of Road Signs from Live Video Feeds	JADCS	Volume 11 Issue No.3	-	-	2019	<a href="https://www.jardcs.org/abstract.php?id=972">https://www.jardcs.org/abstract.php?id=972</a>
46	Satya Kiranmai Tadepalli	Application of Machine Learning and Artificial Intelligence Techniques for IVF Analysis and Prediction	International Journal of Big Data and Analytics in Healthcare (IJBDAH)	Volume 4, Issue 2	-	21-33	2019	10.4018/IJBDAH.2019070102
47	Ms Kratika Sharma	Enhanced SIFT for Image Registration of VHR Images	International Journal of Advanced Science and Technology	Vol. 29, No.4	-	4775 – 4787	2020	<a href="http://sersc.org/journals/index.php/IJAST/article/view/24915/13231">http://sersc.org/journals/index.php/IJAST/article/view/24915/13231</a>
48	Mr. U.Sai Ram	DL And ML Approaches Along With Blockchain Towards IoT Security	International Journal Of Advanced Science And Technology	Vol. 29	-	826-832	2020	<a href="http://sersc.org/journals/index.php/IJAST/article/view/6534">http://sersc.org/journals/index.php/IJAST/article/view/6534</a>
49	Mr. U.Sai Ram	APPLICATIONS AND ENABLING TECHNOLOGIES FOR IOT	Alochana Chakra Journal	Volume IX, Issue VI	-	9115 -9124	2020	-
50	Mr. U.Sai Ram	Technology Fundamentals of Block chain and Consideration for Block chain Security	International Journal of Recent Technology and Engineering	Volume-8, Issue- 1C2	-	415-420	2019	<a href="ps://www.ijrte.org/wp-content/uploads/papers/v8i1C2/A10680581C219.pdf">ps://www.ijrte.org/wp-content/uploads/papers/v8i1C2/A10680581C219.pdf</a>
51	S.Rakesh	Automatic Traffic Density Estimation and Vehicle Classification Method using Neural Network	International Journal of Scientific & Technology Research (IJSTR)	Volume 8 – Issue 11	-	601-604	2019	<a href="http://www.ijstr.org/final-print/dec2019/Automatic-Traffic-Density-Estimation-And-Vehicle-Classification-Method-Using-Neural-Network.pdf">http://www.ijstr.org/final-print/dec2019/Automatic-Traffic-Density-Estimation-And-Vehicle-Classification-Method-Using-Neural-Network.pdf</a>



Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
52	S.Rakesh	An Overview on Vehicle detection and classification System by Gaussian Mixture Models	International Journal of Scientific Research in Science and Technology (IJSRST)	Volume 7 – Issue 3	-	485-491	2020	<a href="https://doi.org/10.32628/IJSRST">https://doi.org/10.32628/IJSRST</a>
53	Dr. Pragati Priyadarshinee	Mediating role of cloud of things in improving performance of small and medium enterprises in the Indian context	Annals of Operations Research	-	-	Jan-30	2020	10.1007/s10479-019-03502-w
54	Dr. Pragati Priyadarshinee	Examining Critical Success Factors of Cloud Computing Adoption: Integrating AHP-Structural Mediation Model	International Journal of Decision Support System Technology	12	-	80-96	2020	10.4018/IJDSST.2020040105
55	Dr. Pragati Priyadarshinee	Cloud computing application in education	International Journal of Engineering and Advanced Technology	9	-	1201-1204	2019	10.35940/ijeat.B3540.129219
56	Dr. Pragati Priyadarshinee	International Journal of Business Information System	The Influence of Internal-External Factors on the Cloud Computing Adoption	-	-	-	2020	<a href="https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijbis#86193">https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijbis#86193</a>
57	Dr. Pragati Priyadarshinee	Mediating effect of big data analytics on project performance of small and medium enterprises	Journal of Enterprise Information Management	-	-	-	2020	10.1108/JEIM-12-2019-0394
58	Swathi Sowmya Bavirathi	Design and Analysis of Spatial Skyline Queries Indexing	International Journal of Innovative Technology and Exploring Engineering	Mar-20	-	-	23-29	10.35940/ijitee.D1006.0394S220

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
59	P Vasanth sena	"A Mining Frame work CO-PO attainment using Deep learning Techniques ", International Journal of Innovate Technology Exploring Engineering,.pp. 61-65	International Journal of Innovate Technology Exploring Engineering	Volume 9, Issue 4s2	-	61-65	Mar-20	10.35940/ijitee.D1015.0394S220
60	Ms Deepa R	IoT based Health and Safety System for Manual Scavengers and Miners	IRJET	Volume: 07 Issue: 05	-	-	2020	<a href="https://www.irjet.net/archives/V7/i5/IRJET-V7I51223.pdf">https://www.irjet.net/archives/V7/i5/IRJET-V7I51223.pdf</a>
<b>2018-19</b>								
1	Suresh Pabboju	An Intelligent Channel Assignment Approach for Minimum Interference in Wireless Mesh Networks Using Learning Automata and Genetic Algorithms	International Journal on Wireless Personal Communications	-	-	1-15	Apr-19	<a href="https://doi.org/10.1007/s11277-019-06214-3">https://doi.org/10.1007/s11277-019-06214-3</a>
2	Suresh Pabboju	AGCS Technique to Improve the Performance of Neural Networks	Journal of Intelligent Systems	-	-	01-Nov	2019	<a href="https://doi.org/10.1515/jisys-2017-0423">https://doi.org/10.1515/jisys-2017-0423</a> .
3	Suresh Pabboju	An efficient adaptive genetic algorithm technique to improve the neural network performance with aid of adaptive GA operators	International Journal of Networking and Virtual Organizations	Vol.20, No.2	-	127-142	-	<a href="https://www.inderscience.com/info/inarticle.php?artid=97630">https://www.inderscience.com/info/inarticle.php?artid=97630</a>
4	Suresh Pabboju	Applications of IoT for Soil Quality. In: System Reliability, Quality Control, Safety, Maintenance and Management.	ICICCT 2019	-	-	-	2019	<a href="https://www.researchgate.net/publication/334093548_Applications_of_IoT_for_Soil_Quality/link/5ea80102a6fdcccf7269093b/download">https://www.researchgate.net/publication/334093548_Applications_of_IoT_for_Soil_Quality/link/5ea80102a6fdcccf7269093b/download</a>
5	Dr.K.Radhika	Machine Learning Model for Automation of Soil Texture Classification	Indian Journal of Agricultural Research (IJAR)	Volume 53, Issue 1	-	78-82	-	<a href="https://arccjournals.com/journal/indian-journal-of-agricultural-research/A-5053">https://arccjournals.com/journal/indian-journal-of-agricultural-research/A-5053</a>

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
6	Dr.K.Radhika	Secure VM Migration to Improve Load Balancing in Cloud Environment	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 5, Issue 8	-	500-509	-	-
7	Dr.K.Radhika	Detection of Review Spam and Review Spammers Group	International Journal of Research in Electronics and Computer Engineering	Volume 6, Issue 4	-	1287-1292	-	<a href="http://nebula.wsimg.com/c5ca91c783af0d4f03108f53f1db3264?AccessKeyId=DFB1BA3CED7E7997D5B1&amp;disposition=0&amp;alloworigin=1">http://nebula.wsimg.com/c5ca91c783af0d4f03108f53f1db3264?AccessKeyId=DFB1BA3CED7E7997D5B1&amp;disposition=0&amp;alloworigin=1</a>
8	Dr D Lakshmi Sreenivasa Reddy	Identification of Rare Diseases:An Outlier Analysis Approach	International Journal of Applied Engineering Research	Volume 13, Number 14	-	11448-11453	2018	<a href="https://www.ripublication.com/ijaer18/ijaerv13n14_12.pdf">https://www.ripublication.com/ijaer18/ijaerv13n14_12.pdf</a>
9	M Venu Gopalachari	DBT Recommender: Improved Trustworthiness of Ratings through De-Biasing Tendency of Users	International Journal of Intelligent Engineering and Systems (IJIES)	Vol.11, No.2	-	-	2018	<a href="http://oaji.net/articles/2017/3603-1520390581.pdf">http://oaji.net/articles/2017/3603-1520390581.pdf</a>
10	M Venu Gopalachari	Effective Automation in Aspect Based Review System	International Journal of Innovative Research & Studies	Vol.8, Issue 4	-	-	2018	<a href="http://ijirs.in/gallery/23.%20apr%20ijirs%20d618.pdf">http://ijirs.in/gallery/23.%20apr%20ijirs%20d618.pdf</a>
11	Ms K. Sugamy	A Comparative Analogy of CBIR Using Spatial and Spectral Domains	Journal of Advanced Research in Dynamical and Control Systems	8-special issue-2018	-	452- 458	2018	<a href="https://www.jarcds.org/backissues/abstract.php?archiveid=3956">https://www.jarcds.org/backissues/abstract.php?archiveid=3956</a>
12	M.Trupthi	Deep Sentiments Extraction for Consumer Products Using NLP-Based Technique	Soft Computing and Signal Processing. Advances in Intelligent Systems and Computing	Vol 898	-	191-201	2019	<a href="https://doi.org/10.1007/978-981-13-3393-4_20">https://doi.org/10.1007/978-981-13-3393-4_20</a> .

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
13	Ms. E. Rama Lakshmi	Predictions for Startups	International Journal of Engineering and Technology (IJET)	Vol 7, No3.12	-	-	2018	<a href="https://www.sciencepubco.com/index.php/ijet/article/view/17628">https://www.sciencepubco.com/index.php/ijet/article/view/17628</a>
14	Ms. E. Rama Lakshmi	Prediction of Employee Attrition and analyzing reasons: using Multi Layer Perceptron in Spark	Springer book series ICICCT 2019 – System Reliability, Quality Control, Safety, Maintenance and Management		-	183-192	2019	10.1007/978-981-13-8461-5_20
15	KNVS Sridevi	Smart Parking System Implementation using Internet of Things (IoT) and Cloud Computing	International journal of computational Engineering Research(IJCER)	Vol 9, Issue no 6	-	-	2019	<a href="http://www.ijceronline.com/papers/Vol9_issue6/Ser-2/D09061829.pdf">http://www.ijceronline.com/papers/Vol9_issue6/Ser-2/D09061829.pdf</a>
16	K.Swathi	Dynamic traffic signalling using video analytics	International journal of computational Engineering Research(IJCER)	Vol 8, Issue no 9	-	-	2018	<a href="http://www.ijceronline.com/papers/Vol8_issue9/Version-1/B0809011217.pdf">http://www.ijceronline.com/papers/Vol8_issue9/Version-1/B0809011217.pdf</a>
17	Mr.K Gangadhara Rao	A Neural based Visual Processing System for Automatic Detection and Recognition of Road Signs from Live Video Feeds	JADCS	Volume 11 Issue No.3	-	-	2019	<a href="https://www.jardcs.org/abstract.php?id=972#">https://www.jardcs.org/abstract.php?id=972#</a>
18	Mr. U.Sai Ram	Technology Fundamentals of Blockchain and Consideration for Blockchain Security	International Journal of Recent Technology and Engineering	volume no: 8 and Issue no:1	-	415-420	-	<a href="https://www.ijrte.org/wp-content/uploads/papers/v8i1C2/A10680581C219.pdf">https://www.ijrte.org/wp-content/uploads/papers/v8i1C2/A10680581C219.pdf</a>
19	Mr. U.Sai Ram	Feature Prospect of the VAST Applications of Machine Learning	RESEARCH REVIEW International Journal of Multidisciplinary	vol 4, issue 04	-	1265 -1271	2019	<a href="https://rrjournals.com/past-issue/feature-prospect-of-the-vast-applications-of-machine-learning/">https://rrjournals.com/past-issue/feature-prospect-of-the-vast-applications-of-machine-learning/</a>

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
20	S.Rakesh	Facial Emotion detection Using Convolutional Neural Networks	IJCSE	Vol.8, Issue 3	-	-	2019	-
21	Ms.B.Surya Samantha	A Review on Block chain technology	International journal RRIJM	Volume 4, Issue 1	-	-	2019	-
22	P Vasanth sena	An Optimal Heuristic for Student Failure Detection And Diagnosis In The Sathavahana Educational Community Using WEKA	Lecture Notes in Electrical Engineering	Vol.500	-	-	2019	10.1007/978-981-13-0212-1_68

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)**

**Department of Chemical Engineering**

Faculty Publication Details for the Last Three Years (2018-19, 2019-20 & 2020-21)

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
<b>2020-21</b>								
1	Naga Prapurna, M. Viswanatham, Srinath S	Selectivity of metal oxide slag for simultaneous removal of interactive pollutants from electroplating effluent at industry discharge conditions using novel non-glass columns	‘Thickest book in the world of 11,796 pages “Latest Innovation for Future Education (LIFE)”, World Book of Records, United Kingdom, ESN publications [BOOK CHAPTER]	1	105	10887-10914	Jan-21	-
2	Sai Nitheesh Magasani, Harish Reddy, Naga Prapurna P	In-situ Design for Carbon Capture and Storage in Process Industries	Journal of Engineering, Computing and Architecture	11	8	47-51	Aug-21	DOI:17.0002.JECA.2021.V11I18.2007 86.7407
3	Bala Krishna Inguva Kiranmai Palcham, Manasa Kamidi	Study on Process and Design Optimization of Biogas through Processing the Food Waste in Anaerobic Digester	International Journal of Engineering Research & Technology (IJERT)	10	6	138-142	June 2021	
4	Bala Krishna Inguva Kiranmai Palcham	Study on Feed Composition and Total Solids - Their Effects on Biogas Production –A Review.	GRADIVA REVIEW JOURNAL	7	6	432- 437	June 2021	
5	I.Bala Krishna, Phanindra Gupta, Hanusha Durisetty	Review on Biological Denitrification of Ground Water using different Carbon sources	GRADIVA REVIEW JOURNAL	7	6	485-491	June 2021	
6	M Kalyani, P Ravi Teja, P Tharunesh	Valuable Products from Ananas Comosus Waste	International Journal of Science, Engineering and Technology	9	3	1-12	May, 2021	-
7	M Kalyani, Arani Nandakumar Chandana, Dimple Katikela	Effect of Process Parameters on Production of Biogas from Food Waste	International Journal of Advance Research, Ideas and Innovations in Technology	7	3	2040-2043	June, 2021	-
8	M Kalyani, Shalini Suran, P Ramya	A Critical Review on the Effect of Feed to Inoculum Ratio on Biogas Digestion	International Journal of Research in Science & Technology	11	2	1-15	June, 2021	<a href="http://doi.org/10.37648/ijrst.v11i10.2.001">http://doi.org/10.37648/ijrst.v11i10.2.001</a>
9	M Kalyani, P Chinmayi, P Meena	Statistical Analysis of Oxidative Coupling of Methane in Membrane Reactors	International Journal of Engineering Research & Technology	9	8	228-231	August, 2020	10.17577/IJERTV9IS080097
10	Madhuri Pydimalla, Rithusha Kamma and Akanksh Mamidala	A Review on Morphological, Chemical and Structural Properties of Wood and Non-wood Fiber Species	PENSEE Journal	51	5	229-239	May 2021	
11	Akanksh Mamidala, Rithusha Kamma and Madhuri Pydimalla	Challenges and opportunities of Bioplastics for Sustainable Development	Journal of Emerging Technologies and Innovative Research	8	5	149-157	May 2021	

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
12	Madhuri Pydimalla and Keerthana Reddy	Effect of Pulping, Bleaching and Refining Process on Fibers for Paper Making - A Review	International Journal of Engineering Research & Technology (IJERT)	9	12	310-316	December 2020	
13	K.Prasad Babu,MD.Aminuddin	."Extraction of finely dispersed low grade Iron ore by froth flotation"	European Journal of Molecular & Clinical Medicine,ISSN 2515-8260	7	10		Dec-20	
14	K,Prasad Babu,Prof.AS Venkatesh,Dr.Rambabu Singh	."Exploration for strategic placer mineral deposits in a fluctuating shoreline: Depositional environment and mineralogical characterization of the NE Odisha coast placers, India" 127 (2020)	Elsevier ,Ore Geology Reviews	127			Nov-20	103850.https://doi.org/10.1016/j.oregeorev.2020.103850
15	Harsha Nagar, Vineet Aniya , P Mondal	High proton conductivity dual modified ionic crosslink membrane for fuel cell application at low humidity condition with molecular dynamics simulations.	Renewable Energy	160		1036-1047	01-06-2020	https://doi.org/10.1016/j.renene.2020.06.026
16	K Naresh, Harsha Nagar*, Vineet Aniya	Thermodynamic Measurements and Correlation of Properties for Tribromomethane	Journal of Solution Chemistry	50		723-751	March-2021	https://doi.org/10.1007/s10953-021-01076-5
17	Harsha Nagar, Vineet Aniya	Microbial Fuel Cell: A Potential Solution for Desalination	Sustainable Technologies for Water and Wastewater Treatment			18	2021	https://doi.org/10.1201/9781003052234
18	Ms.Y.Vineeth, .A.Priyanka , .A.Shalini , "B.Mishra" , "Rajasri Yadavalli", V.Swapna	"Biofuels and Bioenergy: A techno-economic approach" published by Elsevier.	Elsivier (accepted)				2021	
19	Anitha Mogilicharla, P. Swapna Reddy	Kinetic modeling and development of optimal trajectories for biodiesel production using multi-objective optimization	Environmental Technology & Innovation	20		101111	November-2020	https://doi.org/10.1016/j.eti.2020.101111
20	Anitha Mogilicharla, P. Swapna Reddy	Data-Driven Modeling of Biodiesel Production Using Artificial Neural Networks	Chemical Engineering & Technology	44	5	901	May-2021	https://doi.org/10.1002/ceat.202000434
<b>2019-20</b>								
1	Aarti T, Sai Rohith B, Naga Prapurna, Raju K, S.Srinath	Kinetic modeling of hydrothermal carbonisation of citrulluslanatus (watermelon) peel using thermo gravimetric analysis	Chemical Product and Process Modeling (CPPM)	15	2	01 to 08	Jan-20	10.1515/cppm-2019-0076
2	Anjani Mamidala, Akanksh Mamidala, P.V.Naga Prapurna	Effects and adaptability due to climate change in developing countries	International Journal of Innovations in Engineering and Technology (IJJET)	14	4	01 to 10	Nov-19	10.21172/ijiet.144.01
3	Bala Krishna Inguva & M Kalyani	Analysis of Heat Transfer Characteristics of Nanofluids for Cooling Application	Mukt Shabd Journal	9	6	5386-5391	June, 2020	09.0014.MSJ.2020.V9I6.0086781.105041

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
4	Bala Krishna Inguva & M Kalyani	Experimental Study on Interpretation of Nanofluid Convective Heat Transfer	Journal of Critical Reviews	7	16	18-22	June, 2020	10.31838/jcr.07.16.4
5	Bala Krishna Inguva, M Kalyani	Experimental study on interpretation of nanofluid convective heat transfer	Journal of Critical Reviews	7	16	18-22	June, 2020	10.31838/jcr.07.16.4
6	M Kalyani, Bala Krishna Inguva	Analysis of Heat Transfer Characteristics of Nano fluids for Cooling Application	Mukt Shabd Journal	9	6	5386-5391	June, 2020	09.0014.MSJ.2020.V9I6.0086781.105041
7	Poojitha Reddy, Keerthana Reddy, Madhuri Pydimalla	Optimization of Base Catalysts for Biodiesel Production from Jatropha curcas oil	International Journal of Innovative Science Modern Engineering (IJISME)	6	7	8-14	May 2020	
8	K. Samhitha Reddy, V. Shreya Reddy, Sujitha. J, Madhuri Pydimalla	Characterization of Surface Coating Techniques for Improved Performance	International Journal of Inventive Engineering & Sciences (IJIES)	5	9	1-9	May 2020	10.35940/ijies.I0975.055920
9	Madhuri Pydimalla and Ramesh Babu Adusumalli	Unbleached and bleached handsheet characteristics of Subabul heartwood and sapwood	Nordic Pulp & Paper Research Journal	35	2	161-171	April 2020	doi.org/10.1515/nprj-2019-0055
10	K,Prasad Babu,D,Hanusha,P,Kiranmai	“The Concrete Incorporated With Zeolite for Reducing Atmospheric Carbon Dioxide.” .	International Journal of Recent Technology and Engineering (IJRTE),ISSN: 2277-3878	8	6		Mar-20	
11	Ganesh B & Anil K	Modeling and Intelligent control of two tank continous Stirred tank reactor by using fuzzylogic controller	International Journal of Advance Research, Ideas and Innovations in Technology (IJARIIT)	5	3	1363-1372	2019	Not available
12	Harsha Nagar, Vineet Aniya	Microporous Material Induced Composite Membrane with Reduced Oxygen Leakage for MFC Application.	Journal of Environmental Chemical Engineering	8	5	104117	May-20	<a href="https://doi.org/10.1016/j.jece.2020.104117">https://doi.org/10.1016/j.jece.2020.104117</a>
13	Abhilash Reddy, Harsha Nagar, Bankupalli Satyavathi, Vineet Aniya	Phase equilibria and thermophysical properties of dibromomethane: Measurement and correlation studies.	Journal of Molecular liquids	306		112917	Mar-20	<a href="https://doi.org/10.1016/j.molliq.2020.112917">https://doi.org/10.1016/j.molliq.2020.112917</a>
14	P.Suresh, Y. Hari Krishna, , R. Sreedhar Rao, , P. V. Janardhana Reddy	Effect of Chemical Reaction and Radiation on MHD Flow along a moving Vertical Porous Plate with Heat Source and Suction	International Journal of Applied Engineering Research	14	4	869-876	2019	
15	G.Sri ValliaRavindraKomminenibB.Sreedhara Raoc	A literature Review on Corrugated Plate Heat Exchanger,	Material Today: Proceedings	18		320-326	2019	<a href="https://doi.org/10.1016/j.matpr.2019.06.307">https://doi.org/10.1016/j.matpr.2019.06.307</a>
16	Dr B Sreedhara Rao et.al.	Recovery of Cu from complex ore (Cu-Zn) by Floc-Flotation	International Journal of Engineering, Applied and Management Science	54	2	229-233	2019	



Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
<b>2018-19</b>								
1	Narsimha Reddy	Optimal conditions for production of Tannase from newly isolated Aspergillus terrus under solidstate fermentation	IJSER					
2	Anjani Mamidala, Akanksh Mamidala, P.V. Naga Prapurna	Transparent Solar Cells as Economic and Effective Alternative in the Field of Excitonics	International Journal of Recent Technology and Engineering	7	5S3	115-119	Feb-19	E11220275S19/19©BEIESP
3	Anjani Mamidala, Akanksh Mamidala, P.V. Naga Prapurna	Smart road - a sustainable technology for present and future	International Journal of Management, Technology and Engineering	8	10	1818-1828	Oct-18	Not available
4	Bala Krishna Inguva & M Kalyani	Kinetic studies on oxidative coupling of methane to ethylene over catalysts supported by mixed-oxides	" International Journal of Advanced Technology and Engineering Exploration	6	53	92 - 100	April, 2019	10.19101/IJATEE.2019.650028
5	Kalyani M , Srinivas B, Ramesh Kumar V, Satyanarayana S V	Oxidative coupling of methane in membrane reactor - reactor simulation studies and multi objective optimization	International Journal of Recent Technology and Engineering	8	1	1981-1988	May, 2019	-
6	Kalyani Miriyala and Bala Krishna Inguva	Kinetic studies on oxidative coupling of methane to ethylene over catalysts supported by mixed-oxides	International Journal of Advanced Technology and Engineering Exploration	6	53	92-100	April, 2019	10.19101/IJATEE.2019.650028
7	K.Prasad Babu, Prof.R.Shyam sunder, Prof.KSK Rao Patnaik	Recovery of Copper by Using Flotation Techniques and microbe- mineral surface interaction	International Journal of Engineering & Technology,	7	3	732-736	Jul-18	
8	K.Prasad Babu, Prof.R.Shyam sunder, Prof.KSK Rao Patnaik	."Effects of operating Parameters on Recovery of non-floatable Coal by Column flotation	International Journal of Applied Engineering Research ISSN 0973-4562	13	12	10462-10469	Dec-18	
9	K.Prasad Babu, Dr.B.Sreedhara Rao	."Recovery of Cu from Complex Ore (Cu-Zn) by Flocc-Flotation" Volume 54 Issue 2 May 2019,ISSN 2320-6608,	International Journal of Engineering, Applied and Management Sciences Paradigms (IJEAM),UGC Approved Journal,	54	2	229-233.	May-19	
10	K,Prasad Babu, Prof.AS Venkatesh, Dr. Rambabu Singh	."Effectiveness of Bio-Activated Carbon Filtration and Ozonation on Control of Halo Acetic Acids Formation during Chlorination of Ganga RiverWater at Kanpur, India"	Ozone: Science & Engineering, The Journal of the International Ozone Association,SCI Journal ,ISSN: 0191-9512 (Print) 1547-6545 (Online) Journal					homepage: <a href="https://www.tandfonline.com/loi/bose20">https://www.tandfonline.com/loi/bose20</a>
11	Sreedhar Rao, R., Gyananath, G., Shewdikar, S.V. and Ashok Kumar E.N.	Drinking water and associated diseases of freshwater reservoirs in the tourist district of nanded, maharashtra state, india - a perspective on human Health	Internation journal of current research	nil				
12	B Sreedhar Rao, S Premkumar D, B Sharika, M Raju, B Prasanna, M Shashank, G Srivalli	Heat Transfer Studies of Corrugated Plate Heat Exchanger using Oil	International Research Journal of Engineering and Technology (IRJET)	5	3	3489-3492	2018	

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13	B Sreedhar Rao, 2G Srivalli, 3 S Premkumar D, 4B Sharika, 4G B SaiKumar, 4K Samanvitha, 4G Kamaneeya	Studies on Nusselt Number for Corrugated Plate Heat Exchanger using Oil	International Journal on Recent Technologies in Mechanical and Electrical Engineering (IJRMEE)	4	5	72-75	2018	@ <a href="http://www.ijrmee.org">http://www.ijrmee.org</a>

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Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
<b>2020-21</b>								
1	C. Nagendranatha Reddy, Sanath Kondaveeti, Booki Min	Influence of Trace Metals concentration on Methane generation using Microbial Electrochemical Systems	Process Biochemistry	102		213-219	Mar-21	<a href="https://doi.org/10.1016/j.procbio.2020.12.021">https://doi.org/10.1016/j.procbio.2020.12.021</a>
2	Rajitha Nampally , Shylaja Somannagari, Chinna Rajanna Kamatala, *, Yadagiri Bhongiri, Umesh Kumar Utkoor	Micellar effects on the kinetics and mechanism of ceric ammonium nitrate oxidation of bicyclic monoterpenes under acid free conditions	Chemical Data Collections	31		100645	Feb-21	<a href="https://doi.org/10.1016/j.cdc.2020.100645">https://doi.org/10.1016/j.cdc.2020.100645</a>
3	Rajasri Y, Hariprasad R, John Reddy P, C. Nagendranatha Reddy, Chandrasekhar K	Simultaneous Production of Astaxanthin and Lipids from Chlorella Sorokiniana in the presence of Reactive Oxygen Species: A Biorefinery Approach	Biomass Conversion and Biorefinery			1-9	Jan-21	<a href="https://doi.org/10.1007/s13399-021-01276-5">https://doi.org/10.1007/s13399-021-01276-5</a>
4	Bishwambhar Mishra, Sunita Varjani, Dinesh Chand Agrawal, Sanjeeb Kumar Mandal, Huu Hao Ngo, Mohammad J. Taherzadeh, Jo-Shu Chang, Siming You, Wenshan Guo	Engineering biocatalytic material for the remediation of pollutants: A comprehensive review	Environmental Technology & Innovation	20		101063	Nov-20	<a href="https://doi.org/10.1016/j.eti.2020.101063">https://doi.org/10.1016/j.eti.2020.101063</a>
5	Y. Rajasri, R. Hariprasad, M. Snehasri, C. Nagendranatha Reddy, V. Ashok Kumar, K. Chandrasekhar	Simultaneous production of flavonoids and lipids from the Chlorella Vulgaris and Chlorella Pyrenoidosa	Biomass Conversion and Biorefinery			1-9	Oct-20	<a href="https://doi.org/10.1007/s13399-020-01044-x">https://doi.org/10.1007/s13399-020-01044-x</a>
6	C Obula Reddy, YS Reddy, M Subhadra, K Rajagopal	Effect of long-term storage on the fatty-acid profile of biodiesel and its impact on key ultrasonic properties of biodiesels and blends	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects			1-20	Sep-20	<a href="https://doi.org/10.1080/15567036.2020.1817193">https://doi.org/10.1080/15567036.2020.1817193</a>

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
7	Venkateshwarlu, M., K Rajagopal and Y.S. Reddy	Geochemical studies on the ground water of kistapur village, Medchal district, Telangana state, India	Indian Journal of Environmental Protection	40	8	887-891	Aug-20	
8	Bishwambhar Mishra, Sunita Varjani, Ipshita Pradhan, Nakkeeran Ekambaram, Jose A. Teixeira, Huu Hao Ngo, Wenshan Guo	Insights into Interdisciplinary Approaches for Bioremediation of Organic Pollutants: Innovations, Challenges and Perspectives	Proc. Natl. Acad. Sci., India, Sect. B Biol. Sci	90		951-958	Aug-20	<a href="https://doi.org/10.1007/s40011-020-01187-x">https://doi.org/10.1007/s40011-020-01187-x</a>
<b>2019-20</b>								
1	PV Parvati Sai Arun, Vineetha Yarlagadda, Govindugari Vijaya Laxmi, Sumithra Salla	Computational analysis of the hypothetical protein P9303_05031 from marine Cyanobacterium Prochlorococcus marinus MIT 9303	Journal of integrative bioinformatics	. 17	1	1-10	Mar-20	doi: 10.1515/jib-2018-0087.
2	Kurapati Rajagopal, Y.S.Reddy and Chittepu Obula Reddy	Distortion of ultrasonic waves in long-term stored biodiesels and blends	European Journal of Molecular and Clinical medicine	7	11		Feb-20	
3	Vijaya Laxmi Govindugari, Srinivas Reddy P. Madhavi Latha D and Sandeep Reddy A .	Effect of Bacillus subtilis on concrete with steel fibers and fly ash"	International Journal of Engineering Trends and Technology	67	7	5-10	July 2019	doi: 10.14445/22315381/IJETT-V67I7P202
4	Areeba Fatima, Harshitha Chennupati, Priyanka Aduri*	Food and Nutrition as natural immune-boosters: An Elaborative Review	international journal of innovative science, Engineering and tecfhology	7	6	105-120	Jun-20	<a href="http://ijiset.com/vol7/v7s6/IJISSET_V7_I6_10.pdf">http://ijiset.com/vol7/v7s6/IJISSET_V7_I6_10.pdf</a>
5	Y. sreenivasa Reddy, Chittepu Obula Reddy, Subhadra, Rajagopal Kurapati, (2020	"Long – term storage effect on molecular interactions of biodiesels and blends",.	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	11	5	1-15	Jun-20	<a href="https://doi.org/10.31838/ijpr/2019.11.04.088">https://doi.org/10.31838/ijpr/2019.11.04.088</a>

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
6	Bishwambhar Mishra, Sunita Varjani, Gopalakrishnan Kumar, Mukesh Kumar Awasthi, Sanjeev Kumar Awasthi, Raveendran Sindhu, Parameswaran Binod, Eldon R Rene and Zengqiang Zhang	Microbial approaches for remediation of pollutants: Innovations, future outlook, and challenges	Energy & Environment	32	6	1029-1058	Jan-20	<a href="https://doi.org/10.1177/09583305X19896781">https://doi.org/10.1177/09583305X19896781</a>
7	Doddam SN, Peddireddy V, Yerra P, Arun PP, Qaria MA, Baddam R, Sarker N, Ahmed N	Mycobacterium tuberculosis DosR regulon gene Rv2004c contributes to streptomycin resistance and intracellular survival	International Journal of Medical Microbiology	309	8	151353	Dec-19	<a href="https://doi.org/10.1016/j.ijmm.2019.151353">https://doi.org/10.1016/j.ijmm.2019.151353</a>
8	K Durga Malleswar, B Venugopala Rao, K Venkateswara Rao and S Shylaja	“A Validated chiral HPLC method for the enantiomeric purity of Trelagliptin”,	Indo American Journal of Pharmaceutical Research	9	11	582-587	Dec-19	10.5281/zenodo.3559498
9	C. Nagendranatha Reddy, H.T.H. Nguyen, M.T. Noori, B. Min	Potential applications of algae in the cathode of microbial fuel cells for enhanced electricity generation with simultaneous nutrient removal and algae	Bioresource Technology (IF: 7.539)	292		122010	Nov-19	<a href="https://doi.org/10.1016/j.biortech.2019.122010">https://doi.org/10.1016/j.biortech.2019.122010</a>
10	M.V.N.L. CHAITANYA , P. NARENDRA KUMAR, C. OBULA REDDY , K. MADHURI , K. SHANTHI , S JUBIE	In-silico docking studies of phytometabolites from traditional plant rujamari (rosmarinus officinalis) against human tonoisomerases i & ii	International Journal of Pharmaceutical Research	11	4	918-931	Oct-19	<a href="https://doi.org/10.31838/ijpr/2019.11.04.088">https://doi.org/10.31838/ijpr/2019.11.04.088</a>
11	Obula Reddy Chittepu, Nuthan Vikas Bathula, Krishna Prasad Kata, Nikhila Gopalun	Evaluation of Random mutations in Streptomyces peuciticus and their impact on the of Daunorubicin	Journal of Biotech Research	10	10	223-229	Aug-2019.	
12	K Durga Malleswar, B Venugopala Rao and S Shylaja,	“A Validated chiral HPLC method for the enantiomeric purity of Anagliptin”,	Indo American Journal of Pharmaceutical Research	9	7	3096-3101	43647	10.5281/zenodo.3356626

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
<b>2018-19</b>								
1	K Ramesh, S Shylaja, S Ramgopal, A Sambasiva Rao and KC Rajanna	“Polyethylene glycol Supported Metal Nitrates as Well-Organized Reagents for Hunsdiecker Conversion of $\alpha,\beta$ -Unsaturated Acids to $\beta$ -Nitrostyrenes under	Asian Journal of Chemistry	31	8	798-800	Jun-19	10.14233/ajchem.2019.21975
2	Koka Ravikanth PV Parvathi Sai Arun, Yarlagadda Vineetha, Maseera Waheed	Quantification of the minimum amount of lemon juice and apple cider vinegar required for the growth inhibition of dandruff causing fungi <i>Malassezia</i>	International Journal of scientific Research in Biological Sciences	6	2	144-147	Apr-19	
3	Obula Reddy Chittepu	“Isolation and characterization of biosurfactant producing bacteria from groundnut oil cake dumping site for the control of foodborne	Grain & Oil Science and Technology,	1	1	15-20.	Apr-19	<a href="http://dx.doi.org/10.1016/j.gaost.2019.04.004">http://dx.doi.org/10.1016/j.gaost.2019.04.004</a>
4	Y.S.Reddy and K. Rajagopal	Low temperature magneto transport studies on double layered manganite Pr <sub>1.2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub>	International Journal of Engineering, Applied and Management Sciences Paradigms	NA	NA	169-172	May-19	
5	Aduri, Priyanka; Rao, Kokolu Ankita; Fatima, Areeba; Kaul, Priyanka; Shalini, A	Study of biodegradable packaging material produced from SCOBY	research journal of lifesciences, bioinformatics, pharmaceutical and chemical sciences	5	3	389-404	May-19	DOI: 10.26479/2019.0503.32
6	Sumithra.S	Implementation of bioremediation concept in the treatment of textile effluent.	international journal of advanced research	7	5	1289-1293	May-19	10.21474/IJAR01/9126
7	Chittepu Obula Reddy , PV Parvati Sai Arun, Akhila Konda	Aqueous stem extracts have more antibacterial and antifungal efficacy than its other parts: A <i>Calatropis gigantea</i> as a case study	Journal of Biotech Research	10	10	110-115	May-2019.	

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
8	P. V. Parvati Sai Arun & C. Obula Reddy & Yusuf Akhter	“Uddanam Kidney Nephropathy Under the Light of Metagenomics Perspective	Springer Nature comprehensive clinical medicine	1	1	23-25	Jan-19	<a href="https://doi.org/10.1007/s42399-018-0008-5">https://doi.org/10.1007/s42399-018-0008-5</a>
9	Aruna, V., Sudhakar, H., Gangadhar T. and Naveen, M.	Amberlite IR-120 catalyzed synthesis of 6-aryl-5H-quinazolino [4,3-b]quinazolin8(6H)-one derivatives as anticancer agents	Indian Journal of Advances in Chemical Science	6	4	188 - 192	Dec-18	10.22607/IJACS.2018.604003
10	Kumar, R.R., Kumar S.R., Sekhar, B.R., Raju, VVNKVP, Murthy, C., N Srinivasu, N., Aruna, V., Chaitanya, M. and Naveen M.	Catalyst Free Synthesis of N-(1,3-Dioxisoindolin-4-Yl) Acetamide Derivatives using Water and their Biological Evaluation.	Der Pharma Chemica	10	9	89-96	Nov-18	
11	Aruna, V. and Pullaiah, T.	Organogenesis of Abelmoschus moschatus Medik. Using aseptic seedling explants.	European Journal of Medicinal Plants	25	1	1 - 8	Sep-18	10.9734/EJMP/2018/42720

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)**

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<b>2020-21</b>								
1	Dr .P. Raj Reddy	Influence of radiation on MHD flow of a Casson fluid and heat transfer over a stretched surface	Turkish Journal of Computer and Mathematics Education	Vol.12	No.9	1078-1084	2021,	
2	Dr P Raj Reddy	Analysis for single mode optical propagation in semiconductor RID wave guide	International Journal of Multidisciplinary Educational Research	Volume:10	Issue:6(2)		30th June 2021	<a href="http://http://ijmer.jn/pdf/e-Certificate%20publication-IJMER.pdf">http://http://ijmer.jn/pdf/e-Certificate%20publication-IJMER.pdf</a>
3	Dr P Raj Reddy	Application of statistical process control techniques in the infection control epidemiology	High Technology Journal	Volume 27	Issue 6		Jun-21	<a href="https://doi.org/10.37896/HTL">doi.org/10.37896/HTL</a>
4	Dr M Ganeshwar Rao	R-Regular Integers Modulo nr	International, Turkish Journal of Computer and Mathematics Education	Vol 12,(2021)		1047-1053	5th April 2021	
5	Dr M Ganeshwar Rao & P.Anantha Reddy	On the Partial Sums of the Dirichlet Series of a gcd-sum function over regular integers modulo n	International	Volume X	Issue II	ISSN No:2347-3150	Feb-21	
6	Dr.Swatmaram	A common fixed point theorem for two pairs of weakly compatible self maps	NOVIY MIR Research Journa	Volume 6,	Issue 6,	pp. 40-43.	2021	
7	Dr.Swatmaram	A common fixed point theorem for Four self maps	Inter National Journal of Multidisiplinaryn Educational research	Volume 10,	Issue 6(3),	pp. 105-108.	Jun-21	<a href="http://ijmer.in.doi./2021/10.06.57">http://ijmer.in.doi./2021/10.06.57</a>



Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
8	G Narsimlu	“ Finite element solution of mass transfer effects on unsteady hydromagnetic convective flow past a vertical porous plate in a porous medium with heat source”	Journal of Mathematical and Computational Science.	Vol 11,	issue No 5		May 2021,	DOI: <a href="https://doi.org/10.28919/jmcs/6098">https://doi.org/10.28919/jmcs/6098</a>
9	G Narsimlu	“Soret And Dufour Effects On An Unsteady Mhd Mixed Convection Flow Past An Accelerated Infinite Vertical Plate Embedded In Porous Medium With Heat Source And Chemical Reaction”.	International Journal Of Multidisciplinary Educational Research. (June 2021)	Volume 10, ISSN: 2277-7881;	Issue6(4),			DOI: <a href="http://ijmer.in.doi./2021/10.06.61">http://ijmer.in.doi./2021/10.06.61</a>
10	B R SREEDHAR	Statistical Analysis of Agricultural Performance in Different Crops by Using Sampling Techniques	Advances and Applications in Statistics				2021	
11	Manjula, P Suresh, M GaneshwarRao	THE EFFECT OF THERMAL MODULATION ON DOUBLE DIFFUSIVE CONVECTION IN THE PRESENCE OF APPLIED MAGNETIC FIELD AND INTERNAL HEAT SOURCE	Int. J. of Applied Mechanics and Engineering Turkish Journal of Computer and Mathematics Education	vol.26	No.1	135-155	2021	
12	P. Suresh , P. Raj Reddy	Influence of radiation on MHD flow of a Casson fluid and heat transfer over a stretched surface	Turkish Journal of Computer and Mathematics Education	Vol.12	No.9	1078-1084	2021	
13	P Suresh, Y Harikrishna, S HarisinghNaik, P Janardhan Reddy	Heat and Mass Transfer in MHD Casson Fluid Flow along Exponentially Permeable Stretching Sheet in Presence of Radiation and Chemical Reaction	Annals of R.S.B	Vol.25	Issue 1	7163-7175	2021	
14	S.M.BHATHI ,G.MURALI2 ,G.DEEPA3 ,Ch.SANJAY4	CONTINUITY EQUATIONS IN FLUID DYNAMICS AND BIANCHI IDENTITIES	Strad Research(web of Science)	8	5	587-591.	May	<a href="https://doi.org/10.37896/sr8.5/058">doi.org/10.37896/sr8.5/058</a>
15	P RAMULU,C GANGADHAR, M AMARNATH,G.L REDDY	On the location of zeros of polynomials with different complex numbers	Advances in Dynamical Systems and Applications(ADSA)	volume-16	number2	413-421	2021	

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
16	Dr. Mamta Thakur	Difficulties of online Education	Journal of Huazhong University of Science and Technology	Volume 50	Issue 06,		June-2021	
17	A. Padma. P Neeraja	Product of M-Series and Srivastava's Polynomials with generalized fractional integral operators	Materials Today: Proceedings(ELSEVIER)			4/1/2021,	02-Jun-21	<a href="https://doi.org/10.1016/j.matpt.2021.06.0022">https://doi.org/10.1016/j.matpt.2021.06.0022</a>
18	Chandra Shekar Balla, A Ramesh, N Kishan, AM Rashad	Impact of Soret and Dufour on bioconvective flow of nanofluid in porous square cavity	Heat Transfer	50	5	5123-5147	3/1/2021,	<a href="https://doi.org/10.1002/htj.22118">https://doi.org/10.1002/htj.22118</a>
19	K Ali, Y Rajashekhar Reddy, Chandra Shekar Balla	Numerical Solution of Transient Fe3O4-EG Nanofluid Flow past Couette Channel Associated with Radiation	International Journal of Ambient Energy				8/1/2021,	<a href="https://doi.org/10.1080/01430750.2021.1970623">https://doi.org/10.1080/01430750.2021.1970623</a>
20	Jamuna B, Chandra Shekar Balla	Bioconvection in a porous square cavity containing gyrotactic microorganisms under the effects of heat generation/absorption	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	235	5	1534-1544	4/1/2021,	<a href="https://doi.org/10.1177/09544089211007326">https://doi.org/10.1177/09544089211007326</a>
21	NS Shashikumar, M Madhu, S Sindhu, BJ Gireesha, N Kishan	Thermal analysis of MHD Williamson fluid flow through a microchannel	International Communications in Heat and Mass Transfer	127			10/1/2021,	10.1016/j.icheatmasstransfer.2021.105582
22	M Madhu, B Prabhakar	Darcy-Forchheimer Flow of MHD Powell-Eyring Nanofluid over a Nonlinear Radially Stretching Disk with the Impact of Activation Energy	Discontinuity, Nonlinearity, and Complexity	10	4	743-753	9/1/2021,	10.5890/DNC.2021.12.013
23	M Madhu, NS Shashikumar, BJ Gireesha, N Kishan	Second Law Analysis of MHD Micropolar Fluid Flow through a Porous Microchannel with Multiple Slip and Convective Boundary Conditions	Defect and Diffusion Forum	409		123-141	5/1/2021,	10.4028/www.scientific.net/DDF.409.123

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
24	M Madhu, NS Shashi Kumar, Gireesha, N Kishan	Second law analysis of MHD third-grade fluid flow through the microchannel	Pramana	95	1		3/2/2021,	10.1007/s12043-020-02037-1
25	M Madhu, NS Shashikumar, Gireesha, N Kishan	Thermal analysis of MHD Powell–Eyring fluid flow through a vertical microchannel	International Journal of Ambient Energy				3/29/2021,	10.1080/01430750.2021.1910566
26	V Meenakshi, N Kishan, M Madhu	MHD and Thermal Radiation Effects on Channel Flow of Nanofluid with Nanoparticles in Different Shapes	Journal of Applied Nonlinear Dynamics	10	2	329-338	3/1/2021,	10.5890/JAND.2021.06.011
27	G Narsimlu	The Effect of Modulation on Heat Transport by a Weakly Nonlinear Thermal Instability in the Presence of Applied Magnetic Field and Internal Heating”	International Journal of Applied Mechanics and Engineering	Volume 25:	Issue 4		26 Nov 2020	DOI: <a href="https://doi.org/10.2478/ijame-2020-0052">https://doi.org/10.2478/ijame-2020-0052</a>
28	B R SREEDHAR	Ensemble based hybrid recommender systems	IJITTE				2020	
29	B R SREEDHAR	A Stochastic Study on different oil Seeds using DEA approach	IJSRMSS				2020	
30	Y. Sunita Rani, P Suresh, M V Ramana Murthy	Heat and Mass Transfer Analysis on MHD Jeffrey Fluid Flow Past a Vertically Inclined Plate in Presence of Magnetic Field and Double Diffusive Effects	International Journal of Advanced Science and Technology	Vol. 29,	No. 5,	9531-9545	2020	
31	Hari Singh Naik,B.Shankar Goud, P.Suresh, M.V.Ramana Murthy	Radiation and Hall Effect on MHD mixed convection of Casson fluid over a stretching sheet	International Journal of Advanced Science and Technology	Vol. 29,	No. 7,	1121-1131	2020	

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
32	B R Sreedhar,K.Muthyalappa, M.Amarnath	A Stochastic Study on Different Oil Seeds Using DEA Approach	International Journal of Scientific Research in Mathematical and Statistical Sciences	Volume -7	Issue- I	pp. 086-091,	February(2020)	
33	Dr. Mamta Thakur	Role of Teamwork in Improving the Affective Abilities of Engineering Mathematics Students	International Journal of Innovations in Engineering and Technology (IJJET)	Volume 16	Issue 1		Apr-20	
34	A. Padma and G.V.Reddy	IMAGE FORMULA FOR SAIGO FRACTIONAL DERIVATIVE OPERATOR CONNECTE WITH V-FUNCTION	Sambodhi	Vol-43,	No-03 (IV)	220-228	November - December (2020)	ISSN:2249-6661
35	A Padma	FIXED POINT THEOREMS IN INTUITIONISTIC FUZZY METRIC SPACE	J. Math.Comput.Sci	11(2021)	No.2	1305-1311	December 04, 2020	ISSN: 1927-5307
36	S. Chandak,Biniyam Shimelis, A. Padma	The Marichev-Saigo-Maeda Fractional Calculus Operators Pertaining to the V-Function	Hindawi	Volume 2021	Article ID 9961013	10 pages	13-Jul-20	<a href="https://doi.org/10.1155/2021/99610113">https://doi.org/10.1155/2021/99610113</a>
37	Alluguvelli Ramesh, Chandra Shekar Balla, Bandari Lavanya, Naikoti Kishan	Investigation on natural convective flow of ethylene glycol nanofluid containing nanoparticles Fe3O4 in a porous cavity with radiation	AIP Conference Proceedings	2269			10/1/2020,	<a href="https://doi.org/10.1063/5.0019589">https://doi.org/10.1063/5.0019589</a>
38	Chandra Shekar Balla, Ramesh Alluguvelli, Kishan Naikoti, Oluwole Daniel Makinde	Effect of chemical reaction on bioconvective flow in oxytactic microorganisms suspended porous cavity	Journal of Applied and Computational Mechanics	6	3	653-664	7/1/2020,	10.22055/JACM.2019.14811
<b>2019-20</b>								
1	B. SHANKAR GOUD, K.SUDHAKAR REDDY, P. SURESH & M.V. RAMANA MURTHY4	NUMERICAL SOLUTION OF FREE CONVECTIVE STRATIFIED FLUID FLOW OVER AN INFINITE VERTICAL POROUS PLATE WITH HALL EFFECT	International Journal of Mechanical and Production Engineering Research and Development (JMPERD) ISSN(P): 2249-6890; ISSN(E): 2249-8001	Vol. 10	Issue 3	10019-10030	Jun 2020,	

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2	P.Kiran,S.H.Manjula,P.Suresh and P.Raj Reddy	“The time periodic solutal effect on Oscillatory convection in an electrically conducting ILLUI Layer	AIP conference proceedings				6th June 2020	Doi.org/doi.org/10.1063/5,0016964
3	Dr.P. Raj Reddy	”The Complex GINZBURG LANDAU MODEL “ for an Oscillatory Convection in a Rotating Fluid Layer” “Sciendo	International J.of Applied Mechanics and Engineering”	Vol.25,	Issue No.1		12th March 2020	DOI:10.2478/ijame-
4	Dr P Raj Reddy	Axi-symmetric, viscous,incompressible unsteady magnet of fluid flows through an Annulus”	International conference on physics and allied sciences ICPAS-2020				11-13 <sup>th</sup> March 2020	
5	S.H. Manjula, Palle Kiran, P. Raj Reddy, and B.S. Bhadauria	The Complex Ginzburg Landau Model for an Oscillatory Convection in a Rotating Fluid Layer	International Journal of Applied Mechanics and Engineering	Vol 25	1	75-91	August, 2020	DOI: <a href="https://doi.org/10.2478/ijame-2020-0006">https://doi.org/10.2478/ijame-2020-0006</a>
6	Dr.Swatmaram & T.Phanendra	Common fixed point for two of sequences of Occasionally weakly compatible self-maps	Journal of Xi’an University of Architecture & technology	Volume XII,	Issue V	pp. 2745-2747.	2020	
7	K Sharada and B shanker	MHD mixed convection flow of hyperbolic tangent fluid over an exponentially stretching sheet with double slip and chemical reaction	JP Journal of heat and mass transfer				2020	
8	M Madhu, B Mahanthesh, NS Shashikumar, SA Shehzad, SU Khan, BJ Gireesha	Performance of second law in Carreau fluid flow by an inclined microchannel with radiative heated convective condition	International Communications in Heat and Mass Transfer				Oct-20	10.1016/j.icheatmasstransfer.2020.104761
9	Surender Ontela, M Madhu	Non-Darcian Effects on Nanoliquid Flow Past a Stretching Sheet with Temperature Jump Condition and Thermal Radiation	Journal of Applied Nonlinear Dynamics				Sep-20	10.5890/JAND.2020.12.008

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10	NS Shashikumar, M Madhu, BJ Gireesha, N Kishan	Finite element analysis of micropolar nanofluid flow through an inclined microchannel with thermal radiation	Multidiscipline Modeling in Materials and Structures	16	6	1521-1538	May-20	10.1108/MMMS-11-2019-0198
11	SA Shehzad, M Madhu, NS Shashikumar, BJ Gireesha, B Mahanthesh	Thermal and entropy generation of non-Newtonian magneto-Carreau fluid flow in microchannel	Journal of Thermal Analysis and Calorimetry	143		2717-2727	Jun-20	10.1007/s10973-020-09706-8
12	G Sowmya, BJ Gireesha, M Madhu	Analysis of a fully wetted moving fin with temperature-dependent internal heat generation using the finite element method	Heat Transfer				Jul-20	10.1002/hjt.21701
13	Dr P Raj Reddy	Convection oscillatory couette flow through a Porous Medium with Periodic wall temperature	International Journal of Advanced Research in Engineering and Tech.(IJARET)	Volume 11,	Issue 8	PP 937-946	August 2019,	<a href="http://iaeme.com/Home/article_id/IJARET_11_08_91">http://iaeme.com/Home/article_id/IJARET_11_08_91</a>
14	Dr.Swatmaram	A common fixed point theorem for three self maps	IJMER	Volume 8	Issue 8(6)	pp. 171-174.	8/1/2019,	
15	G.Narsimlu	"Effect of mhd Convective Steady flow And heatTransfer over a Shrinking sheet embedded in a Porous medium In the presence Of suction 2019",	International Journal of Research and Analytical Reviews	Vol 6	issue1		2019	
16	G.Narsimlu	"MHD flow past an impulsively started vertical plate with variable mass diffusion and Rotation effect",	International Journal of Modern Engineering and Research Technology	Volume 6	Issue 2		April 2019,	
17	G.Narsimlu	"Numerical Solution Of Flow Of Viscoelastic Liquid Through Rectangular And Square Channels ",	International Journal of Research and Analytical Reviews	Vol-6-			2019	

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18	B.R.SREEDHAR	Fitting of Probability Distribution for Analyzing the rainfall data in the state of A.P,India	International Journal Of Applied Engineering Research				2019	
19	B.R.Sreedhar	Rainfall Forecast Through RMSE among Continuous Probability Distributions”,	IJRAR				3/1/2019,	ISSN NO: 0973-4562,UGC NO: 43602
21	P.Suresh, Y.Hari Krishna , R. Sreedhar Rao , P. V. Janardhana Reddy	Effect of Chemical Reaction and Radiation on MHD Flow along a moving Vertical Porous Plate with Heat Source and Suction	International Journal of Applied Engineering Research	Volume 14	Number 4	0973-4562	2019	
22	P.Suresh, Y.Hari Krishna , B. Mahaboob , M.Amarnath	Heat Transfer and Stagnation-Point Flow of Non-Newtonian Casson Fluid over Stretching Surface	International Journal of Modern Engineering and Research Technology	Volume 6	Issue 2	2348-8565	Apr-19	
23	P.Suresh,HariKrishna,B.Mahaboob,MA marnath, P.V Janardhar Reddy	Heat transfer and stagnation point flow of non-newtonian casson fluid over stretching surface	International Journal of Modern Engineering and Research Technology	Volume 6,	Issue 2	pp. 033-039	2019	ISSN :2348-8865
24	P Muralikrishna, B Satyanarayana,K Rajagopal,M Amarnath	Thermodynamic And Transport Properties of Binary Liquid Mixtures of Sulfolane With Some organic solvents at 308.15K	International Journal Recent Scientific Research	Vol. 10	Issue 05(B)	pp. 32254-32257	MAY(2019),	
25	A. Padma, Mengesh Ayene	Generalized Fractional Integral Operators Pertaining to Galue Type Struve Function	International Journal of Mathematics and its Applications			15-22,	2019	ISSN: 2347-1557.
26	A.Padma	Generalized Fixed Point Theorem with C*-Algebra Valued Metric Space	IOSR Journal of Mathematics (IOSR-JM	. Volume 15,	Issue 5 Ser. II	PP 13-16	sep – Oct 2019	p-ISSN: 2319-765X

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
27	Chandra Shekar Balla, Alluguvelli Ramesh, Naikoti Kishan, AM Rashad, ZMA Abdelrahman	Bioconvection in oxytactic microorganism-saturated porous square enclosure with thermal radiation impact	Journal of Thermal Analysis and Calorimetry	140	5	2387-2395	Jun-20	<a href="https://doi.org/10.1007/s10973-019-09009-7">https://doi.org/10.1007/s10973-019-09009-7</a>
28	Balla Chandra Shekar, C Haritha, Naikoti Kishan	Magnetohydrodynamic convection in a porous square cavity filled by a nanofluid with viscous dissipation effects	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	223	3	474-488	2019	<a href="https://doi.org/10.1177/0954408918765314">https://doi.org/10.1177/0954408918765314</a>
<b>2018-19</b>								
1	M Madhu, NS Shashikumar, BJ Gireesha, N Kishan	Second law analysis of Powell–Eyring fluid flow through an inclined microchannel with thermal radiation	Physica Scripta	94	12		Sep-19	10.1088/1402-4896/ab32b7
2	M Madhu, NS Shashikumar, B Mahanthesh, BJ Gireesha, N Kishan	Heat transfer and entropy generation analysis of non-Newtonian fluid flow through vertical microchannel with convective boundary condition	Applied Mathematics and Mechanics	40		1285–1300	Jul-19	10.1007/s10483-019-2516-9
3	BJ Gireesha, G Sowmya, M Madhu	Temperature distribution analysis in a fully wet moving radial porous fin by finite element method	International Journal of Numerical Methods for Heat & Fluid Flow				Jun-19	10.1108/HFF-12-2018-0744
4	BJ Gireesha, CT Srinivasa, NS Shashikumar, M Madhu, JK Singh, B Mahanthesh	Entropy generation and heat transport analysis of Casson fluid flow with viscous and Joule heating in an inclined porous microchannel	Journal of Process Mechanical Engineering	233	5	1173-1184	May-19	10.1177/0954408919849987
5	SA Shehzad, B Mahanthesh, BJ Gireesha, NS Shashikumar, M Madhu	Brinkman-Forchheimer slip flow subject to exponential space and thermal-dependent heat source in a microchannel utilizing SWCNT and MWCNT nanoliquids	Heat Transfer	48	5	1688-1708	Mar-19	10.1002/htj.21452
6	Dr.Swatmaram,	A generalized fixed point theorem for three self maps”,	“ International Journal of Applied Engineering Research,	Volume 14,	NO. 7	pp. 1644-1646.	2019	



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7	Mohd. Rashaduddin, P. Suresh, Prof MV .Ramana Murthy	A study on Airflow Over Low Rise Buildings	International Journal of Research	Volume VIII	Issue VI	78-82	Jun-19	
8	Chandra Shekar Balla, C Haritha, Kishan Naikoti, AM Rashad	Bioconvection in nanofluid-saturated porous square cavity containing oxytactic microorganisms	International Journal of Numerical Methods for Heat & Fluid Flow	29	4	1448-1465	Jun-19	<a href="https://doi.org/10.1108/HFF-05-2018">https://doi.org/10.1108/HFF-05-2018</a>
9	Chandra S Balla, Kishan Naikoti	Numerical Solution of MHD Bioconvection in a Porous Square Cavity due to Oxytactic Microorganisms	Applications and Applied Mathematics: An International Journal (AAM)	14	4		Mar-19	
10	CS Balla, C Haritha, N Kishan, AM Rashad	Magnetohydrodynamic nanofluid flow and heat transfer in a porous cavity containing heated surface	Journal of Nanofluids	8	3	577-588	Mar-19	<a href="https://doi.org/10.1166/jon.2019.1601">https://doi.org/10.1166/jon.2019.1601</a>
11	K Sharada and B shanker	MHD Stagnation Point Flow of a Micropolar Fluid Through a Porous Medium Over an Exponentially Stretching Sheet with Convective Boundary Condition, Viscous Dissipation	Journal of Nanofluids	8	2	394-398	2019	
12	Dr.P.Raj Reddy, D.Bhagyamma, P.Narender, S.Thiagarajan,-	“MHD and Oscillatory Flow of Rivlin-Ericksen Fluid Through an Inclined Channel in a Porous Media”,	International Journal of Mathematics Trends and Technology (IJMTT)	Vol 55,	Number 8	PP:581-592.	March 2018,	ISSN:2231-5373,
13	G.Narsimlu	Solution of an unsteady flow through porous media past on moving vertical plate with variable temperature and heat source in the presence of inclined magnetic field in the presence of viscous dissipation”	ARNP Journal of Engineering and Applied Sciences	vol13,			oct 2018	
14	G.Narsimlu	“Numerical Study of heat And mass Transfer on Mhd flow past a Parabolic Started Vertical plate With variable Temperature, Mass diffusion And chemical Reaction in the Presence of Viscous Dissipation	Journal of Adv Research in Dynamical & Control Systems	vol.07	13-special issue		2018,	

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15	B.R.Sreedhar	Fitting of Probability Distribution for Analyzing the Rainfall Data in the State of Andhra Pradesh”	IJAE					ISSN : 0973-4562 UGC NO:64529
16	B.Santhosh, M V Ramana Murthy ,G Chandra Mohan Reddy and P.Suresh	Analytical study for unsteady MHD radiating heat and mass transport in a Darcian porous regime	International journal of basic and applied research	Volume 8,	Number 6	PP:889-907	Jun-18	
17	C Haritha, Balla Chandra Shekar, Naikoti Kishan	MHD natural convection heat transfer in a porous square cavity filled by nanofluids with viscous dissipation	Journal of Nanofluids	7		928-938	Oct-18	<a href="https://doi.org/10.1166/jon.2018.1507">https://doi.org/10.1166/jon.2018.1507</a>
18	Balla Chandra Shekar, Chinthapally Haritha, Naikoti Kishan	MAGNETOHYDRODYNAMIC DOUBLE-DIFFUSIVE CONVECTION IN FLUID SATURATED INCLINED POROUS CAVITY WITH THERMAL RADIATION AND CHEMICAL REACTION.	Journal of Chemical Technology & Metallurgy	53	3	518-536	2018	
19	K Sharada and B shanker	Effect of partial slip on MHD mixed convection flow of Carreau Nanofluid over an exponentially stretching sheet with convective boundary condition, solet and dufour	Journal of nanofluids	7	4	711-717	2018	
20	K Sharada and B shanker	MHD Mixed Convection Flow of Powell-Eyring Fluid Over an Exponentially Stretching Sheet with Suction/Blowing, Thermal Radiation and Slip Effects	Advanced Science, Engineering and Medicine	10	12	1212-1217	2018	

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)**

**Department of Physics**

**Faculty Publication Details for the Last Three Years (2018-19, 2019-20 & 2020-21)**

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
<b>2020-21</b>								
1	Srinivas Reddy G, Vinay Kumar Reddy K, Sreenivasa Reddy B, Linga Reddy B, Sreenath Reddy M, Gopal Reddy Ch. and Yadagiri Reddy P	Assessment of indoor radon activity concentration levels in four northern districts of Telangana state, India	Journal of Radioanalytical and Nuclear Chemistry				Aug-21	<a href="https://doi.org/10.1007/s10967-021-07929-z">https://doi.org/10.1007/s10967-021-07929-z</a>
2	Srinivas Reddy G, Vinay Kumar Reddy K, Sreenivasa Reddy B, Linga Reddy B, Sreenath Reddy M, Gopal Reddy Ch. and Yadagiri Reddy P	Thoron studies in dwellings of certain northern districts of Telangana state, India	AIP Conference Proceedings	2352	1	10.1063/5.0052399	Aug-21	<a href="https://doi.org/10.1063/5.0052399">https://doi.org/10.1063/5.0052399</a>
3	Srinivas Reddy G, Vinay Kumar Reddy K, Sreenivasa Reddy B, Linga Reddy B, Sreenath Reddy M, Gopal Reddy Ch. and Yadagiri Reddy P	Mapping of ambient gamma radiation levels and risk assessment in some parts of Eastern Deccan Plateau, India	International Journal of Environmental Analytical Chemistry				Jun-21	<a href="https://doi.org/10.1080/03067319.2021.1938020">https://doi.org/10.1080/03067319.2021.1938020</a>
4	Linga Reddy B., Srinivas Reddy G., Vinay Kumar Reddy K. and Sreenivasa Reddy B.	Inhalation dose due to residential radon and thoron exposure in rural areas: a case study at Erravalli and Narasannapet model villages of Telangana state, India	Radiation and Environmental Biophysics	60		437-445	May-21	<a href="https://doi.org/10.1007/s00411-021-00912-y">https://doi.org/10.1007/s00411-021-00912-y</a>
5	M. Venkateshwatlu, K. Rajagopal, C. Obula Reddy and Y.S. Reddy	Investigation of Groundwater Contamination due to Landfill Leachate	Indian Journal of Environmental Protection ISSN: 0253 – 7141				(Accepted, August 2021)	
6	Y.S. Reddy, M. Subhadra, C. Obula Reddy and K. Rajagopal	, The Challenges in Online education at School Level	International Journal for Innovative Research in Multidisciplinary Field ISSN: 2455-0620	7	4	166 – 168	Apr-21	
7	K. Rajagopal, Y.S. Reddy, C. Obula Reddy	Distortion of Ultrasonic Waves in Biodiesels and Blends	European Journal of Molecular & Clinical Medicine ISSN: 2515-8260	7	11	2738 – 2749.	December-2020	

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8	N. Maramu, Padigela Srinivasa Reddy, N. Arundhathi, Y.S. Reddy, Prashnath Kumar Vaidya,	Microstructure of Ca doped Neodymium based perovskites for SOFC)	Solid State Technology ISSN: 0038-111X (Online	63	6	17793 – 17796	December 2020	
9	C. Obula Reddy, Y.S. Reddy, M. Subhadra and K. Rajagopal,	Effect of long–term storage on the fatty-acid profile of biodiesel and its impact on key ultrasonic properties of biodiesels and blends,	Energy Sources Part A: Recovery, Utilization, and Environmental Effects, (Published September 2020) Print ISSN: 1556-7036 Online ISSN: 1556-7230				Sep-21	<a href="https://doi.org/10.1080/15567036.2020.1817193">https://doi.org/10.1080/15567036.2020.1817193</a>
10	M. Venkateshwatlu, K. Rajagopal and Y.S. Reddy	Geochemical Studies on the Groundwater of Kistapur Village, Medchal District, Telangana State, India, Indian	Journal of Environmental Protection ISSN: 0253 – 7141	40	8	887 – 891.	Aug-21	
11	Prashanth Kumar Vaidya, Y.S. Reddy and C. Vishnuvardhan Reddy	Synthesis and thermal expansion of Yttrium doped Ceria based nanomaterials for SOFC	Proceedings of International e-Conference on Materials Processing & Characterization-2020 (ICMP&C-2020). ISBN: 978-81-946476-9-0			199- 201	Septemebr 2020	
12	M. Subhadra, K. RajGopal, Y. Srinivasa Reddy and P. Kistaiah	Physical and dc Electrical Properties of Vanadium doped Mixed Alkali Bismuth Borate Glasses	Proceedings of International e-Conference on Materials Processing & Characterization-2020 (ICMP&C-2020). ISBN: 978-81-946476-9-0			68-73	Septemebr 2020	
13	G. Srinivas Reddy, K. Vinay Kumar Reddy, B. Sreenivasa Reddy, B. Linga Reddy, M. Sreenath Reddy, Ch. Gopal Reddy & P. Yadagiri Reddy	Assessment of indoor radon activity concentration levels in four northern districts of Telangana state, India.	J Radioanal Nucl Chem		In Press		Jun-21	<a href="https://doi.org/10.1007/s10967-021-07929-z">https://doi.org/10.1007/s10967-021-07929-z</a>
14	M. Srinivas Reddy, G. Suman, K. Vinay Kumar Reddy, M. Sreenath Reddy, Ch. Gopal Reddy & P. Yadagiri Reddy.	Natural background gamma radiation dose estimation in the surrounding villages of Devarakonda Town, Telangana State, India.	J Radioanal Nucl Chem		In Press		Jun-21	<a href="https://doi.org/10.1007/s10967-021-07875-w">https://doi.org/10.1007/s10967-021-07875-w</a>
15	B. Linga Reddy, G. Srinivas Reddy, K. Vinay Kumar Reddy, B. Sreenivasa Reddy.	Inhalation dose due to residential radon and thoron exposure in rural areas: a case study at Erravalli and Narasannapet model villages of Telangana state, India	Radiat Environ Biophys		In Press		Jun-21	<a href="https://doi.org/10.1007/s00411-021-00912-y">https://doi.org/10.1007/s00411-021-00912-y</a>

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16	G. Suman, K. Vinay Kumar Reddy, M. Sreenath Reddy, D. Vidyasagar, Ch. Gopal Reddy & P. Yadagiri Reddy	Dose assessment due to natural gamma radiation levels and radioactive nuclides in the environment of Dasarlapally, Nalgonda District, Telangana State, India,	International Journal of Environmental Analytical Chemistry	In Press			May-21	10.1080/03067319.2020.1830984
17	G. Srinivas Reddy, K. Vinay Kumar Reddy, B. Sreenivasa Reddy, B. Linga Reddy, M. Sreenath Reddy, Ch. Gopal Reddy & P. Yadagiri Reddy	Mapping of ambient gamma radiation levels and risk assessment in some parts of Eastern Deccan Plateau, India	International Journal of Environmental Analytical Chemistry	In Press			May-21	10.1080/03067319.2021.1938020
18	Suman, G., Vinay Kumar Reddy, K., Sreenath Reddy, M. et al.	Radon and thoron levels in the dwellings of Buddonithanda: a village in the environs of proposed uranium mining site, Nalgonda district, Telangana state, India	Scientific Reports	11		6199	Apr-21	10.1038/s41598-021-85698-1
19	Chittepu Obula Reddy , Yanala Srinivasa Reddy , Maringanti Subhadra, Kurapati Rajagopal	Effect of long-term storage on the fatty-acid profile of biodiesel and its impact on key ultrasonic properties of biodiesels and blends	Energy Sources, Part A: Recovery, Utilization and, Environmental Effects				Sep-20	<a href="https://doi.org/10.1080/15567036.2020.1817193">https://doi.org/10.1080/15567036.2020.1817193</a>
20	Neelima Agarwal, AyanMukhopadhyay, Sourav Pal and Anurag Tripathi	Power corrections to event shapes using Eikonal dressed gluon exponentiation,	Journal of High Energy Physics	155			Mar-21	<a href="https://doi.org/10.1007/JHEP03(2021)155">https://doi.org/10.1007/JHEP03(2021)155</a>
21	Neelima Agarwal, Lorenzo Magnea, Sourav Pal and Anurag Tripathi,	Cwebs beyond three loops in multiparton amplitudes,	Journal of High Energy Physics	188			Mar-21	<a href="https://doi.org/10.1007/JHEP03(2021)188">https://doi.org/10.1007/JHEP03(2021)188</a>
22	G.Padmasree , S.Shravan Kumar Reddy, N.Pavan Kumar, P.Yadagiri Reddy, Ch.Gopal Reddy	Magnetization Studies of Mn Doped YFeO <sub>3</sub> Multiferroics	AIP Conference proceedings	2352		020018-1-020018-5	Aug-21	<a href="https://doi.org/10.1063/5.0053022">https://doi.org/10.1063/5.0053022</a>
23	G.Padmasree, S.Shravan Kumar Reddy, N.Pavan Kumar, P.Yadagiri Reddy, Ch.Gopal Reddy	Structural and magnetic properties of Y <sub>1-x</sub> Dy <sub>x</sub> FeO <sub>3</sub> multiferroics	Materials Today Proceedings	46		2201-2204	Apr-21	<a href="https://doi.org/10.1016/j.matpr.2021.03.199">https://doi.org/10.1016/j.matpr.2021.03.199</a>

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24	M. Manendar, S. Shravan Kumar Reddy, J. Ramesh, M. Sreenath Reddy, M. Manivel Raja, Ch. Gopal Reddy, P. Yadagiri Reddy, V. Raghavendra Reddy	Cation distribution in Ni substituted Ba <sub>0.5</sub> Sr <sub>1.5</sub> Co <sub>2</sub> Fe <sub>12</sub> O <sub>22</sub> Y-type hexagonal ferrites	Ceramics International	47		9591-9596	Dec-20	<a href="https://doi.org/10.1016/j.ceramint.2020.12.094">https://doi.org/10.1016/j.ceramint.2020.12.094</a>
25	M. Sumalatha, S. Shravan Kumar Reddy, M. Sreenath Reddy, Suresh Sripada, M. Manivel Raja, Ch. Gopal Reddy, P. Yadagiri Reddy, V. Raghavendra Reddy	Raman and in-field <sup>57</sup> Fe Mossbauer study of cation distribution in indium (In) substituted phase pure cobalt ferrite (CoFe <sub>2-x</sub> In <sub>x</sub> O <sub>4</sub> )	Journal of Magnetism and Magnetic Materials	523		167561(1-7)	Dec-20	<a href="https://doi.org/10.1016/j.jmmm.2020.167561">https://doi.org/10.1016/j.jmmm.2020.167561</a>
26	G Padmasree , S. Shravan Kumar Reddy ,J. Ramesh , P.Yadagiri Reddy and Ch Gopal Reddy	<sup>57</sup> Fe Mossbauer and electrical studies of Mn doped YFeO <sub>3</sub> prepared via sol-gel technique	Materials Research Express	7		116103(1-10)	Nov-20	<a href="https://doi.org/10.1088/2053-1591/abcc2c">https://doi.org/10.1088/2053-1591/abcc2c</a>
27	J. Ramesh,S.Shravan Kumar Reddy, G.Padmasree, M.S.Reddy, Ch.G.Reddy, P.Y.Reddy, K.R.Reddy,V.R.Reddy	The characterization of Nd doped BiFeO <sub>3</sub> multiferroic polycrystalline materials	AIP Conference proceedings	2269		030056-1-030056-6	Oct-20	<a href="https://doi.org/10.1063/5.0020659">https://doi.org/10.1063/5.0020659</a>
28	Sanjay S, Santhosh Kumar A, Tejashree B , Ashutosh A	Novel cost-effective and electrocatalytically active intermetallic nickel aluminide counter electrode for dye sensitized solar cells	Nano Express	1	3	30029	2020	<a href="https://doi.org/10.1088/2632-959X/abcd7">https://doi.org/10.1088/2632-959X/abcd7</a>
29	E.Nirmala Devi, M.Chandra Sekhar, NVSS Seshagiri	Synthesis of Iron Oxide Nanoparticles and their electrochemical studies	AIP -ICAMBC	2	1		Aug-21	<a href="https://doi.org/10.1063/5.0020659">https://doi.org/10.1063/5.0020659</a> AIPCP21-AR-ICAMBC2021-00020
30	M.Chandra Sekhar,E.Nirmala Devi	Fabrication of Randomly Oriented NanoGenerator	Nanostructures and NanoObjectes				Jul-21	Under Review
31	N. Aruna, K. Chandra Mouli, P. V. N. Kishore, B. M. Pratima, N. Rajeswara Rao, and J. Ashok	Detection of copper by localized surface Plasmon resonance based fiber optic technique	Proc. SPIE , Optical Sensors	11772		117720I	Apr-21	<a href="https://doi.org/10.1117/12.2589085">https://doi.org/10.1117/12.2589085</a>

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32	Kishore, P. V. N., Aruna, N., Pratima, B. M., Rajeswara Rao, N., Ashok, J.	Multi U-bent cladde POF sensors for refractive index measurement	Proc. SPIE , Optical Sensors	11772		117720U	Apr-21	<a href="https://doi.org/10.1117/12.2589198">https://doi.org/10.1117/12.2589198</a>
<b>2019-20</b>								
1	Reddy, B.L., Reddy, G.S., Reddy, K.V.K., Reddy, B.S.	Computational challenges in statistical outcome of teaching learning practice: A scientific review	Journal of Advanced Research in Dynamical and Control Systems	12	7	2603-2606	Jun-20	<a href="https://doi.org/10.5373/JARDCS/V12SP7/20202395">https://doi.org/10.5373/JARDCS/V12SP7/20202395</a>
2	G. Srinivas Reddy, K. Vinay Kumar Reddy, B. Linga Reddy and B. Sreenivasa Reddy	Natural Background Gamma Radiation Levels in the Environs of Proposed Petro-chemical Industry Near Jadcherla, Telangana State, India	Nature Environment and Pollution Technology	18	4	1333-1338	19-Jul	
3	K Vinay Kumar Reddy, B Sreenivasa Reddy, B Linga Reddy	Natural background gamma radiation levels in dwellings constructed under the Double Bedroom Housing Scheme at Erravalli and Narasannapet model villages of Telangana state, India	Indoor and Built Environment	29	7	1038-1044	19-Jul	<a href="https://doi.org/10.1177/1420326X19865998">https://doi.org/10.1177/1420326X19865998</a>
4	Y.S. Reddy, C. Obula Reddy, M. Subhadra and K. Rajagopal	Long – term storage effect on molecular interactions of biodiesels and blends,	Energy Sources Part A: Recovery, Utilization, and Environmental Effects, Print ISSN: 1556-7036 Online ISSN: 1556-7230				20-Jun	<a href="https://doi.org/10.1080/15567036.2020.1776798">https://doi.org/10.1080/15567036.2020.1776798</a>
5	Y.S. Reddy, M. Venkateshwarlu and K. Rajagopal	Synthesis, Characterization and Electrical Properties of Double Layered CMR Manganite Sm <sub>1.2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub> ,	Mukt Shabd Journal ISSN: 2347 – 3150	IX	VI	6087 - 6091	20-Jun	
6	Y.S. Reddy, M. Subhadra and K. Rajagopal	Online Education: Challenges in Rural Areas of India,	International Journal for Innovative Research in Multidisciplinary Field ISSN: 2455-0620.		16	31-32	20-Jun	
7	K Vinay Kumar Reddy, Reddy BS, Reddy BL.	Natural background gamma radiation levels in dwellings constructed under the Double Bedroom Housing Scheme at Erravalli and Narasannapet model villages of Telangana state, India.	Indoor and Built Environment	29	7	1038-1044	2000	10.1177/1420326X19865998

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
8	G Suman, K Vinay Kumar Reddy, M Sreenath Reddy, Ch Gopal Reddy, P Yadagiri Reddy,	Indoor radon and thoron in the vicinity of proposed uranium mining site: A case study at Dasarlapally village, Telangana state, India	Radiation Protection Dosimetry	189	2	205–212	2000	doi.org/10.1093/rpd/ncaa032
9	Reddy, G. Srinivas, K. Vinay Kumar Reddy, B. Linga Reddy, and B. Sreenivasa Reddy	Natural Background Gamma Radiation Levels in the Environs of Proposed Petro-chemical Industry Near Jadcherla, Telangana State, India	Nature Environment and Pollution Technology	18	4	1333-1338	2019	
10	Yanala Srinivasa Reddy , Chittepu Obula Reddy , Maringanti Subhadra, Kurapati Rajagopal	Long – term storage effect on molecular interactions of biodiesels and blends	Energy Sources, Part A: Recovery, Utilization and, Environmental Effects				Jun-20	<a href="https://doi.org/10.1080/15567036.2020.1776798">https://doi.org/10.1080/15567036.2020.1776798</a>
11	Neelima Agarwal, Danish A, Lorenzo Magnea, Sourav Pal and Anurag Tripathi,	Multiparton webs beyond three loops	Journal of High Energy Physics	128			May-21	<a href="https://doi.org/10.1007/JHEP05(2020)128">https://doi.org/10.1007/JHEP05(2020)128</a>
12	M. Sumalatha, S. Shravan Kumar Reddy, M. Sreenath Reddy, Suresh Sripada, P. Venkat Reddy, Gopal Reddy Ch, P. Yadagiri Reddy, and V. Raghavendra Reddy	Effect of indium substitution on structural and hyperfine parameters of CoFe <sub>2</sub> O <sub>4</sub>	AIP Conference Proceedings	2220		110038-1-110038-4	May-20	<a href="https://doi.org/10.1063/5.0002582">https://doi.org/10.1063/5.0002582</a>
13	M. Sumalatha, S. Shravan kumar Reddy, M. Sreenath Reddy, Suresh Sripada, M. Manivel Raja, Ch Gopal Reddy, P. Yadagiri Reddy, V. Raghavendra Reddy	Raman and in-field <sup>57</sup> Fe Mossbauer study of cation distribution in Ga substituted cobalt ferrite (CoFe <sub>2-x</sub> Ga <sub>x</sub> O <sub>4</sub> )	Journal of Alloys and Compounds	837		155478-1-155478-7	May-20	<a href="https://doi.org/10.1016/j.jallcom.2020.155478">https://doi.org/10.1016/j.jallcom.2020.155478</a>
14	Anjali Panchwance, Irene Schiesaro, Settimio Mobilio, S. Shravan Kumar Reddy, C. Meneghini, Edmund Welter and V Raghavendra Reddy	An evidence of local structural disorder across spin-reorientation transition in DyFeO <sub>3</sub> : an extended x-ray absorption fine structure (EXAFS) study	Journal of Physics: Condensed Matter	31		345403-1-345403-9	Aug-19	<a href="https://doi.org/10.1088/1361-648X/ab21ee">https://doi.org/10.1088/1361-648X/ab21ee</a>
15	Premkumar M, Amitava M, A K Panda, A Santhosh Kumar, R K Roy, S K Srivastava	Electromagnetic interference shielding effectiveness of amorphous and nanocomposite soft magnetic ribbons	Physica B: Condensed Matter	568		13-17	2019	<a href="https://doi.org/10.1016/j.physb.2019.05.017">https://doi.org/10.1016/j.physb.2019.05.017</a>



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16	Pratima, B. Manikya, K. Uday Kumar, and A. Subrahmanyam	As-deposited sol-gel made TiO <sub>2</sub> -SiO <sub>2</sub> films as protective coatings for silver	AIP Conference Proceedings	2265 no. 1		30259	05-Nov-20	<a href="https://doi.org/10.1063/5.0017089">https://doi.org/10.1063/5.0017089</a>
<b>2018-19</b>								
1	Y.S. Reddy, K. Rajagopal	Low Temperature Magnetotransport Studies on Double Layered Manganite Pr <sub>1.2</sub> Sr <sub>1.8</sub> Mn <sub>2</sub> O <sub>7</sub> ,	International Journal of Engineering, Applied and Management Sciences Paradigms ISSN: 2320-6608	54	2	169 -172	May-19	
2	J. Ramesh, S.Shraavan Kumar Reddy, N.Raju, M.Sreenath Reddy, Ch. Gopal Reddy,P.Yadagiri Reddy,K. Rama Reddy, V. Raghavendra Reddy	The electrical, magnetic and <sup>57</sup> Fe Mössbauer studies of Al doped PrFeO <sub>3</sub> polycrystalline materials	Ceramics International	44		19314–19318	Jul-18	<a href="https://doi.org/10.1016/j.ceramt.2018.07.159">https://doi.org/10.1016/j.ceramt.2018.07.159</a>
3	Sandesh, Santhosh Kumar A, Amruta Jambhale, P. S. Kulkarni, A. C. Abhyankar	Enhanced photocatalytic activity of magnetic BaFe <sub>12</sub> O <sub>19</sub> nanoplatelets than TiO <sub>2</sub> with emphasis on reaction kinetics, mechanism, and reusability	Industrial & Engineering Chemistry Research	57	48	16192-16200	2018	<a href="https://doi.org/10.1021/acs.iecr.8b02859">https://doi.org/10.1021/acs.iecr.8b02859</a>
4	Ovhal M , Santhosh Kumar A, Prerna K, Manjeet K, Abhyankar, AC	Photoluminescence quenching and enhanced spin relaxation in Fe doped ZnO nanoparticles	Materials Chemistry and Physics	195		58-66	2018	<a href="https://doi.org/10.1016/j.matchemphys.2017.03.049">https://doi.org/10.1016/j.matchemphys.2017.03.049</a>
5	M.Chandra Sekhar,M.Venkata Ramana	PMMA/ZnO NANOCOMPOSITE SYNTHESIS BY MICROWAVE RADIATION	International Journal of Current Advanced Research	7	12	16624-16628	Dec-18	<a href="http://dx.doi.org/10.24327/ijcar.2018.16628.3078">http://dx.doi.org/10.24327/ijcar.2018.16628.3078</a>
6	Pratima, B. M., Krishna Valleti, and A. Subrahmanyam	Optical and mechanical properties of Sol-gel prepared Titania (TiO <sub>2</sub> )–Silica (SiO <sub>2</sub> ) mixed thin films ‘as prepared at 300 K’ without any post heat treatment.	Materials Research Express	Volume 6, Number 2		26407	09-Nov-18	<a href="https://doi.org/10.1088/2053-1591/aecbf">https://doi.org/10.1088/2053-1591/aecbf</a>

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<b>2020-21</b>								
1	K. LAXMI, IPSITA MOHANTY AND M.V.S. MURALI KRISHNA	CONTROL OF POLLUTANTS FROM COPPER COATED SPARK IGNITION ENGINE WITH BUTANOL BLENDED GASOLINE	Pollution Research	40	1	173-180	May-21	ISSN: 0257-8050
2	K. LAXMI, M.V.S. MURALI KRISHNA	INVESTIGATIONS ON REDUCTION OF EMISSIONS IN SPARK IGNITION ENGINE	International Journal of Mechanical Engineering and Technology (IJMET)	12	3	1-8	Mar-21	DOI: <a href="https://www.doi.org/10.34218/IJMET.12.3.2021.001">https://www.doi.org/10.34218/IJMET.12.3.2021.001</a>
3	Ramesh Kola, Jagadeesh Kumar Ega, Kavitha Siddoju, Suma Sanikommu, Sreelatha Beemagani	Anticancer Activity of 6-Aryl-9,10-Dimethoxy-12H-[1,8] Naphthyridino [2,1-b] Quinazolin-12-Ones	Proteus Journal	12	6	21-23	Jun-21	<a href="https://doi.org/10.37896/PJ12.06/0353">https://doi.org/10.37896/PJ12.06/0353</a>
4	Ramesh Kola, Pradeep Kumar Challa, Jagadeesh Kumar Ega	Insilico Molecular Docking Lung Cancer studies of some hydrazone derivatives and series of linker different tetrazolo pyridines	Proteus Journal	12	5	1-12	May-21	<a href="https://doi.org/10.37896/PJ12.05/0300">https://doi.org/10.37896/PJ12.05/0300</a>
5	Ega Jagadeesh Kumar, Arisha Samba Shiva Rao, Kola Ramesh and Siddoju Kavitha	Ionic liquid catalyzed ambient synthesis of cholest-6-eno-4H-pyron hybrids and their in vitro anti-cancer evaluation	Research Journal of Chemistry and Environment	24	8	123-129	Aug-20	E-ISSN: 2278-4527 Print ISSN: 0972-0626
6	M. Mamatha	Heterocycles based on naphthalene-A review	GEDRAG & ORGANISATIE REVIEW	34	2	811-855	April - June-2021	<a href="https://www.doi.org/10.37896/GOR34.02/018">https://www.doi.org/10.37896/GOR34.02/018</a>
7	M.Mamatha , NarendraBabu , K. Kiran &H. Mastan	Chemistry of 1,1,1,-Trifluoro methyl ketone and its reaction with Grignard reagent	GEDRAG & ORGANISATIE REVIEW	34	2	66-73	April - June-2021	<a href="https://www.doi.org/10.37896/GOR34.02/010">https://www.doi.org/10.37896/GOR34.02/010</a>

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8	M. Mamatha	Microwave Assisted One Pot Synthesis of Benzo[h] Quinazolin-4(3H)-ones	Science and Engineering Journal	24	3	27-30	Nov-20	ISSN: 0103-944X
9	M.Anand, P.Muralikrishna, D.Suresh Babu, B.VijayaKumar and G.Upender	Vibrational, thermal and optical studies of $30\text{TeO}_{2.39}\cdot 5\text{B}_2\text{O}_3\cdot (30-X)\text{-ZnO-xLi}_2\text{O-0.5V}_2\text{O}_5(0\leq x\leq 30\text{ mol}\%)$ glass system	Journal of Non-Crystalline Solids	566		Article 120875	Aug-21	<a href="https://doi.org/10.1016/j.jnoncrysol.2021.120875">https://doi.org/10.1016/j.jnoncrysol.2021.120875</a>
10	Dhanaja Kotte, Kumaraswamy Gullapelli, Brahmeshwari Gavaji, Ramchander Merugu, Ravichander Maroju, Muralikrishna Patwari	An efficient synthesis, anti-inflammatory activity and molecular docking studies of new triazinanes and iminothiazolidinones	Research Journal of Pharmacy and Technology	13	10	4743-4750	October 2020.	DOI: 10.5958/0974-360X.2020.00836.7
11	Sujithra Renganathan, D.Saritha	Effect of fill pattern and printing speed on friction characteristics of FDM printed polylactic acid polymer	ADVANCES IN MATERIALS AND PROCESSING TECHNOLOGIES	10	8	1-11	Jul-21	<a href="https://doi.org/10.1080/2374068X.2021.1948707">https://doi.org/10.1080/2374068X.2021.1948707</a>
12	D.Saritha, Dhatreyi Boyina	A concise review on 4 D printing technology	Material Today: Proceedings	46	1	692-695	May-21	<a href="https://doi.org/10.1016/j.matpr.2020.12.016">https://doi.org/10.1016/j.matpr.2020.12.016</a>
13	D.Saritha	Recent progress on ReO3 type structures as electrodes for Li- ion batteries	Material Today: Proceedings	41	5	1130-1134	Apr-21	<a href="https://doi.org/10.1016/j.matpr.2020.08.761">https://doi.org/10.1016/j.matpr.2020.08.761</a>
14	D.Saritha	Synthesis and electrochemical properties of Fe <sub>2</sub> WO <sub>6</sub>	Material Today: Proceedings	38	5	2512-2514	Apr-21	<a href="https://doi.org/10.1016/j.matpr.2020.07.538">https://doi.org/10.1016/j.matpr.2020.07.538</a>
15	Harshavardhan Reddy, D.Saritha, Dhatreyi Boyina	3D Printed Lattice Structures: A Review	IEEE 10th International Conference Nanomaterials: Applications & Properties IEEE Xplore	NA	NA	ieeexplore.ieee.org/document/9309680	Jan-21	10.1109/NAP51477.2020.9309680

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16	R. Kodyath,* G. V. Ramesh,* M. Manikandan, S. Ueda, T. Fujita and H. Abe	Intermetallic Pd <sub>3</sub> X (X= Ti and Zr) nanocrystals for electro-oxidation of alcohols and formic acid in alkaline and acidic media	Science and Technology of Advanced Materials	21	1	573-583	Aug-20	doi: 10.1080/14686996.2020.1789437
17	D.Saritha	Insertion-Type Electrodes for Li-Ion Batteries	International E-Conference on Materials Processing & Characterization-2020	NA	NA	136-139	Sep-20	ISBN: 978-81-946476-9-0
<b>2019-20</b>								
18	K. LAXMI	Study of Structure of Buckminsterfullerene Using Nanotube Modellar Software	International Journal of Scientific Engineering and Science	4	2	32-35	Jan-20	DOI 10.5281/zenodo.3711201.
19	K. LAXMI	Calculation of Properties of Phenobarbital an Antiepileptic Drug Using Chemcalise Software	International Journal of Scientific and Research Publications	9	11	217-226	Nov-19	<a href="http://dx.doi.org/10.29322/IJSRP.9.11.2019.p9524">http://dx.doi.org/10.29322/IJSRP.9.11.2019.p9524</a>
20	K. Laxmi , K.N.V. Sree Devi and M.V.S. Murali Krishna	Control of pollution levels in insulated diesel engine	Eco. Env. & Cons	25		S225-S231	Dec-19	<a href="https://www.researchgate.net/publication/344204452">https://www.researchgate.net/publication/344204452</a>
21	Jagadeesh Kumar Ega, Samba Shiva Rao Arisha, Ramesh Kola, Kumaraswamy Jella, Kavitha Siddoju	Synthesis and In vitro Anticancer Evaluation of Some New 5 $\alpha$ -Cholestan-pyrazole Hybrids	Indian Journal of Heterocyclic Chemistry	30	2	217-221	April - June-2020	E-ISSN: 2456-4311 Print ISSN:0971-1627
22	Uppalaiah Kusampally, Naresh Dhachapally, Ramesh Kola, Chinna Rajanna Kamatala,	Zeolite anchored Zr-ZSM-5 as an eco-friendly, green, and reusable catalyst in Hantzsch synthesis of dihydropyridine derivatives	Materials Chemistry and Physics	242	15	1-7	Feb-20	DOI:10.1016/j.matchemphys.2019.122497
23	Jagadeesh Kumar Ega, Kavitha Siddoju*, Samba Shiva Rao Arisha, Ramesh Kola	Antimicrobial activity of pyrazole fused triazolo bridged thiadiazole Derivatives	International Journal of Research Culture Society	4	1	1-5	Jan-20	ISSN: 2456-6683

Sl.No	Authors	Title of the Paper	Journal Details	Volume	No	Page No.	Month / Year	DOI
24	M. Mamatha , Narendra Babu	Synthesis of prochloroperazine related compound, a impurity formed during chlorpromazine drug preparation.	Journal of Pharma Research	8	5	311-313	May-19	<a href="https://doi.org/10.5281/zenodo.3236693">https://doi.org/10.5281/zenodo.3236693</a>
25	D.Saritha	Sol gel synthesis and electrochemical properties of wolframite FeNbO4	Journal of Physics: Conference Series	1495	8	1-5	Mar-20	DOI:10.1088/1742-6596/1495/1/012019
26	D.Saritha	Synthesis and electrochemical Analysis of Li3Ti0.75(MoO4)3 phase with $\alpha$ lyonsite structure	Russian journal of Electrochemistry	56	8	626-629	Dec-19	DOI: 10.1134/S1023193520080054
27	D.Saritha	A concise review on the advancement of anode materials for Li-ion batteries	Material Today: Proceedings	19	2	726-730	Jun-19	<a href="https://doi.org/10.1016/j.matpr.2019.07.759">https://doi.org/10.1016/j.matpr.2019.07.759</a>
28	D.Saritha	Synthesis, Characterization and electrochemical analysis of FeNbO4 phase with $\alpha$ - PbO2 Structure	Russian journal of Electrochemistry	55	3	168-174	May-19	<a href="https://doi.org/10.1134/S1023193519020071">doi.org/10.1134/S1023193519020071</a> .
<b>2018-19</b>								
29	K. Laxmi	Structural Elucidation of Drug Aspirin by Using Various Software Tools like HyperChem, Argus Lab, ChemSketch, Avogrado and Chemo Database	Journal of Theoretical & Computational Science	15	1	1-6	Jan-19	DOI: 10.4172/2376-130X.1000163.
30	K. RAMESH , S. SHYLAJA , S. RAMGOPAL , A. SAMBASHIVA RAO and K.C. RAJANNA	Poly (ethylene glycol) Supported Metal Nitrates as Well-Organized Reagents for Hunsdiecker Conversion of $\alpha,\beta$ -Unsaturated Acids to $\beta$ -nitrostyrenes under Solvent and Acid-Free Conditions	Asian Journal of Chemistry	31	8	1798-1800	Jun-19	<a href="https://doi.org/10.14233/ajchem.2019.21975">https://doi.org/10.14233/ajchem.2019.21975</a>
31	P.Muralikrishna*, B.Sathyanarayana, K.Rajagopal, & M.Amarnath	Thermodynamic and transport properties of binary liquid mixtures of sulfolane with some organic solvents at 308.15K	International Journal of Recent Scientific Research	10	5	32254-32257	May-19	<a href="http://dx.doi.org/10.24327/ijrsr.2019.1005.3431">http://dx.doi.org/10.24327/ijrsr.2019.1005.3431</a>

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<b>2020-21</b>								
1	A.Vijayalakshmi	Imparting ICT in English Language Teaching through Language Laboratory	KALA: Journal of Indian Art History Congress	26	2		Feb-21	Print only
2	A.Vijayalakshmi	Online Teaching as an alternative to offline Teaching	International journal of Aquatic Science	12			June 2, 2021	Print only
3	A.Vijayalakshmi	Teaching and Learning English Language through E-Resources	Scopus, Turkish online Journal Qualitative inquiry	22		344-347	May-July 2021	Print only
4	Dr. Shagufta Parween	"Literature As A Pedagogical Tool For The Fostering of English Language Proficiency Among Students"	Sambodhi	44	1 (VI)	168-73	Jan-Mar, 2021	Print only
<b>2019-20</b>								
1	A.Vijayalakshmi	Use of Multimedia in English Labs of Engineering Colleges	Pramana Research Journal	10			Feb-20	16.10089/PRJ
2	Dr. Shagufta Parween	"Leadership and Excellence: Nurturing Leadership in Engineering Colleges"	Pramana Research Journal	10	5	86-90	May, 2020	16.10089.PRJ.2020.V10I5.20.4511
<b>2018-19</b>								
1	Dr. Shagufta Parween	"Contextualizing Tahmima Anam's 'The Daylight Marriage'"	Atlantic Critical Review	18	1	61-71	Jan-Mar, 2019	Print only
2	Dr. Shagufta Parween	"Feminist Writers as Change Makers: A Study of Virginia Woolf's 'The Waves'"	International Journal of Research	8	2	351-358	Feb, 2019	DOI:16.10089.IJR.2018.V8I2.285311.234626

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Sl.No	Authors	Title of the Paper	Journal Details	Volume	ISSN No	Page No.	Month / Year	DOI
<b>2020-21</b>								
1	B. Lavanya & M. Hem Kumar	Business Analytics Application for Crop Prediction- An Empirical Study	International Journal of Research in Engineering & Management	Volume IV, Issue IV	2456-1029		Jun-21	
2	P.Varaprasad Goud, M.Sangeetha, E.Sai Kiran	A STUDY ON INTRADAY PRICE ACTION PATTERNS AND TRADING VOLUME RELATIONS IN THE STOCK MARKET WITH SPECIAL	Design Engineering (Toronto)	Issue 7,		pp.1139-1166.	Jun-21	
3	M.Sangeetha, P.Varaprasad Goud, A. Prasoon Kumar	A STUDY ON INVESTMENT PATTERN OF SALARIED CLASSDURING COVID-19 IN TWIN CITIES OF HYDERABAD, INDIA	Design Engineering (Toronto)	Issue 7,		pp.1437-1444.	Jun-21	
4	Dr Daman Jeet	Ownership pattern And Firm Performance					Jun-21	
5	Ms.J.Mounika Reddy	Impact on Educational system and its Transformation during pandemic crisis	journal of XIAN university of Architecture and Technology	Volume- XIII,issue V			May-21	20.19001/JXAT.
6	K. Bhagya Lakshmi, Saraswathi & Dr. Y Ramakrishna	A Study on Pecking Order Theory of Capital Structure of Select Firms In NSE	Mukt Shabd Journal, UGC Approved Journal	Volume X, Issue V	2347-3150		May-21	10.0014.MSJ.2021.V10I5.0086781.119410
7	Lavanya, Saraswathi & Sudhir Reddy	An Empirical examination of association of organizational commitment, perceived organizational support and organizational	Mukt Shabd Journal, UGC Approved Journal	Volume X, Issue IV			Apr-21	
8	Ms.J.Mounika Reddy, Miss.Mahitha chitta	Psychometric tests and its impact on behavioural aspects of Graduates	Mukt shabd Journal	Volume X, Issue III			Mar-21	09.0014.MSJ
9	S. Kethi Reddi and S. Nikhila Vangaveti	FACTORS INFLUENCING INDIVIDUAL INVESTORS BEHAVIOR - AN EMPIRICAL ANALYSIS FROM HYDERABAD CITY					Feb-21	<a href="https://doi.org/10.1016/j.matpr.2021.01.231">https://doi.org/10.1016/j.matpr.2021.01.231</a>
10	Dr Narender Miryala	INDIGO- In the Times of Pandemic	Indian Journal of Finance	Volume 15, Issue 2	0973 - 8711	pp. 62-70	Feb-21	
11	Dr. Paruthi Mandakini	An Examination of Most Influencing factors that triggered online shopping trend in Pharmaceutical Sector	Mukt Shabd Journal	Volume X, Issue II	2347-3150		Feb-21	
12	Dr. Paruthi Mandakini	E Learning: A substitute for classroom learning in times of Social Distancing Norms	International Journal of Research and Analytical Reviews (IJRAR)	8(1)	E-ISSN 2348-1269, P-		Feb-21	
13	Sowmya Kethi Reddi & N Sumanth	AN EMPIRICAL STUDY ON GROWTH OF STARTUP TRENDS AND ECOSYSTEM IN INDIA	Mukt Shabd Journal	Vol.X Issue 1	2347-315	pp.503-506	Jan-21	<a href="https://DOI:10.0014.MSJ.2021.V10I1.0086781.118547">https://DOI:10.0014.MSJ.2021.V10I1.0086781.118547</a>
14	Dr.T.S.Poornachandrika	Effectiveness of Digital Advertising-A Comparative Study on Amazon and Flipkart	International Journal of All Research Education and Scientific Methods	Volume 9,issue1	ISSN:2455-6211		Jan-21	
15	Dr E Jalaja	An Analysis on Attritional Factors in the IT and ITES Organizations	International Journal of Advanced Research in Science, Communication and	Volume 1, Issue 1	2581-9429		Jan-21	10.48175/IJARSCT-695
16	Dr Narender Miryala	An Empirical Study on the Relationship Between Institutional Ownership and Capital Structure	IUP Journal of Corporate Governance	Vol. XX, No. 1	0972-6853	pp. 28-42	Jan-21	
17	Kumar, P., Paul, A. and Manchikatla, A.K.	Risk Optimization Analytics – A case study on Brown Research Associates India (BRAI)	International Journal of Social Ecology and Sustainable Development (IJSESD)	12(2)		pp. 48-62	2021	10.4018/IJSESD.2021040103
18	S TULASI RAM and Dr.M.Anil Kumar	A Comparative Study on Store service satisfaction with reference to IKEA and Home Centre	Mukt Shabd Journal,	Volume 10, Issue VI	2347-3150 (Online)	pp 478-486	2021	
19	Dr E Jalaja	Women Employee's Work and Life - Striking the Right Balance	International Journal of Advanced Research in Science, Communication and	Volume 12, Issue 2	2581-9429		Dec-20	10.48175/IJARSCT-696

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20	Dr E Jalaja	Customer Retention and Survival During COVID-19 Recession – A Study on the Shift in the Retail Industry in India	International Journal of Advanced Research in Science, Communication and		2581-9429		Nov-20	10.48175/574
21	Dr Daman Jeet	DIFFUSION OF LIQUID HAND WASH INTO RURAL MARKETS	MSJ	Volume IX, Issue VII			Jul-20	
22	Dr Daman Jeet	he Relationship between Women Directors on Board and Firm Performance: Indian Scenario	The IUP Journal of Corporate Governance				Jul-20	
23	Manchikatla, A.K. and Acharya, R.H	Determinants of Legal Insider Trading: Empirical Evidence from India	The IUP Journal of Corporate Governance	18(4)				
24	Dr.T.S.Poornachandrika	A Study on the Influence of Social Media Marketing On the consumer Buying Behaviour	International Journal of Advances in Engineering and Management (IJAEM)	Volume 2, Issue 12	2395-5252	pp: 432-466		
25	Sowmya Kethi Reddi & P Yuvasravani	A STUDY ON FINANCIAL PERFORMANCE OF INDIAN PUBLIC SECTOR BANKS UNDER CAPITAL REGULATIONS OF BASEL NORM III	Bulletin Monumental	Vol.21 Issue 12	0007-473X	pp.157-168		<a href="https://doi.org/10.37896/BMJ21.12/3167">https://doi.org/10.37896/BMJ21.12/3167</a> .
<b>2019-20</b>								
1	P. Varaprasad Goud, M.Sangeetha (2020),	" A Study on Price Action Patterns (Inside Bar and Outside Bar) Formed at Prime Numbers with Reference to Equity Stocks ",	Engineering Application and Management (IJREAM),	Volume 06, Issue 3,	ISSN : 2454-9150		June 2020.	DOI : 10.35291/2454-9150.2020.0479
2	Sowmya Kethi Reddi & Gopinah Jitta, Impact factor: 6.1,	"A STUDY ON TECHNICAL ANALYSIS WITH RESPECT TO INDIAN IT SECTOR".	Strad Research	Vol.7 Issue 6,	ISSN 0039-2049.	pp.448-467,	June 2020,	
3	Lavanya, S.Saraswathi & M.Sudhir Reddy (2020),	An Empirical Examination of Employee Perception Towards Organizational Climate,	SUMEDHA-Journal of Management (UGC Listed),	Vol 9, No 2,	6753 (Print), ISSN: 2322-	P.No.53-65,	April-June 2020,	<a href="https://doi.org/10.46454/sumedha/9.2.2020.5">https://doi.org/10.46454/sumedha/9.2.2020.5</a>
4	Sowmya kethi Reddy,	"The Impact of Financial Derivatives on Financial Performance of Commercial Banks in India".	Management, Engineering and Science (IJIMES)	Volume 5 Issue 3	ISSN: 2455-9008.		May 2020,	
5	B.Lavanya and S.Saraswathi (2020)	"Academic Stress and Its Management – A Study",	Mukt Shabd Journal,	Volume IX, Issue IV,	No.2347-3150,	p. 1060 - 1073.	April, 2020	
6	K.Bhagyalakshmi, S.Saraswathi and Y.Ramakrishna (2020)	"Effect of Firms Capital Structure on Stock Returns - A Study of Selected Companies Listed in National Stock Exchange",	Mukt Shabd Journal, ,	Volume IX, Issue IV,	ISSN NO : 2347-3150,		April 2020,	
7	B.Lavanya & Mohsina Rahamat	" Association of Emotional Intelligence and Organizational Citizenship Behaviour- A study with reference to IT Employees ",	Mukth Shabd Journal,	Volume IX, Issue IV,	No.2347-3150,	PP:1074-1083	April 2020,	
8	B.Lavanya, S.Saraswathi & M.Sudhir Reddy (2020)	Measuring the Role of Training and Development Activities in Enhancing Organization Citizenship Behaviour	SUMEDHA-Journal of Management (UGC Listed),	Vol 9, No.1,	6753 (Print), ISSN: 2322-		Jan-Mar 2020	<a href="https://doi.org/10.46454/sumedha/9.1.2020.8">https://doi.org/10.46454/sumedha/9.1.2020.8</a>
9	Dr.T.S.Poornachandrika	system --- a comparative study of IT and Pharmaceutical sectors in the twin cities of Hyderabad & Secunderabad i	Academic Leadership Journal (UGC CARE LISTED JOURNAL)	Vol. 21 No. 3 (2020):	ISSN: 1533-7812		March-2020	
10	Dr. Mandakini Paruthi	consumer brand engagement and brand loyalty in virtual brand communities"	(Scopus Indexed, ABDC-'C' Category Journal) Elsevier Ltd Publisher,	Vol.46,			March 2020,	
11	J.Mounika Reddy,	"Blue Brain Project-An idea for preserving Intelligence"	Our Heritage Journal	vol-68, issue-30,	ISSN:0474-9030		February-2020	
12	Dr.T.S.Poornachandrika,	" Consumer buying Behavior-A comparative study between HUL and P&G in Hyderabad	Engineering Application and Management (IJREAM),	Volume 05, Issued 10,			January 2020.	
	Mrs M Sangeteha, Mohd. Waliuddin Waseem, A Ajay Ramakrishna	A study on the impact of Behavioral factors on individual investors concerning the Indian Stock Market	Economic Challenger- An International Journal			0975-1351	October 2019	
13	Dr.Mandakini Paruthi	"An Empirical Study on the Effects of Country of Origin on consumers' Decision to Purchase wrist watches"	Our Heritage Journal	Vol.67, No.10,			December 2019.	
14	Dr.Mandakini Paruthi	"Customer Experience Analysis for Social Media Marketing and Fashion Apps in Fashion Industry"	Our Heritage Journal	Vol.67, No.10,			December 2019.	



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15	M Anil Kumar* and Rajesh Acharya H**,	Determinants of Legal Insider Trading: Empirical Evidence from India,	The IUP Journal of Corporate Governance,	Vol. XVIII, No. 4,			2019	
16	S Tulasi Ram and Dr. Srinivas Rao (2019)	"Dissuade of Crop Insurance in Telangana State"	Journal of Restaurant Business,	vol 118, Issue 9,	ISSN 0097-8043	pp 161-164,		
<b>2018-19</b>								
1	Mrs B Lavanya, P Richita	Analysing the Association between Commuting Time and Health & Well-being	Pramana Research Journal			2249-2976	June 2019	
2	Mrs B Lavanya, A Swetha	Work Life Balance-An empirical study with reference to select professions	International Journal of Management			2249-7455	June 2019	
3	Dr K Sowmya, Dr V Harileela	The Effect Of Liquidity And Leverage On Profitability Of Select It Companies	International Journal for Research in Engineering Application & Management	Vol-05, Issue-03		2454-9150	June 2019	
4	Dr. P Mandakini	Antecedents and Consequences of Online Engagement: measurement and an assessment of reliability	IUP Journal of Marketing Management-peer-reviewed Journal, IUP Publishers,	Vol. XVIII, No. 2		0972-6845	May 2019	
5	Dr T.S. PoornaChandrika	A Study on the impact of promotional strategies on the consumer buying Behaviour of Hair care products with special Reference to	International Journal For Research In Engineering Application Management	Vol-05,issue-01		3297-2007	April 2019	
6	Mrs B Lanavya, T H Franklin	Satisfaction towards the Housing Communities	International Journal of Scientific Research and Review			2279-543X	March 2019	
7	Mr P Varaprasad Goud, Abbagoni Mahesh	A Comparative Study on Consumer Buying Behaviour Between Berger Paints and Asian Paints	International Journal for Research in Engineering Application & Management			2454-9150	March 2019	
8	Dr.S Saraswathi, Mrs K Bhagyalakshmi	A Study on Financial Performance Evaluation using Dupont Analysis in select Automobile	International Journal of Management Technology and Engineering	Vol IX, Issue 1,			Jan 2019	
9	Mr.S.Tulasiram, Mr T Srinivas Rao	Dissuade of Crop Insurance in Telangana State	International Journal of Supply Chain Management				2019	
10	Dr. P Mandakini	The Cauliflower Dilemma	International Journal of Indian Culture and Business Management- ABDC- 'C'	vol. 18, No.3		1753-0814	2019	
11	Mrs K Bhagyalakshmi, Dr.S Saraswathi	A study on relationship between gold price, exchange rate and its impact on Sensex	universal review international review	volume 7, issue XI,	volume 7, issue XI,	2277-2723	Nov 2018	
12	Dr.S Saraswathi, Mrs K Bhagyalakshmi	Women Empowerment in India	Pramana Research Journal	Vol 9, Issue 1		2249-2976	2019	
13	Mrs J Mounika Reddy, G Vagdevi	Impact of FDI inflows on GDP in particular with manufacturing sector	International Journal of Basic and applied Research, Pragathi Publications				August 2018	

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (AUTONOMOUS)**

**Department of Master of Computer Applications**

**Faculty Publication Details for the Last Three Years (2018-19, 2019-20 & 2020-21)**

Sl.No	Authors	Title of the Paper	Journal Details	Volume / ISSUE	ISSN No	Page No.	Month / Year	DOI
<b>2020-2021</b>								
1	B Nageswar Rao, Dr D L Sreeniasa Reddy, G Baskar	Thyroid Diagnosis Using Multilayer Perceptron	Advances in Decision Sciences, Image Processing, Security and Computer Vision	03-Jan	1	452-459	August, 2020	doi:10.1007/978-3-030-24322-7_56
2	Thirupathi Battu, Dr D L Sreeniasa Reddy	REVIEW ON AUTOMATICALLY IDENTIFYING WILD ANIMALS IN CAMERA-TRAP IMAGES USING CONVOLUTIONAL NEURAL NETWORK	JOURNAL OF CRITICAL REVIEWS	07-Jan	4	2378-2383	September, 2020	ISSN: 2394-5125
3	Dr. G. N. R. Prasad Dr. L. Mahalakshmi A. Sai Charan	REGRESSION ANALYSIS OF COVID-19 SPREAD IN VARIOUS STATES IN INDIA	International E - Conference on "Information, Communication and Networking"	EICICN 2020			2020	
4	Dr. C.V. Guru Rao , K. Rama Krishna , Dr. G. N. R. Prasad	CHALLENGES IN IMPLEMENTING CLOUD FOR DIGITAL TRANSFORMATION	Proceedings of the International Web Conference on Advances in Science, Engineering and Management	2	978-93-84893-48-4		2020	
5	Dr. G. N. R. PRASAD	SPAM E- MAIL DETECTION MODEL USING LOGISTIC REGRESSION TECHNIQUE	Proceedings of the International Web Conference on Advances in Science, Engineering and Management (ICASEM - 2020)	2	ISBN: 978-93-84893-48-4		2020	
6	Dr. G.N.R. PRASAD	FARMER SAATHI*	International Journal of Computer Engineering and Applications	Volume XIII,	Issue VI		December. 2020,	
7	K. Rama Krishna , Dr. G. N. R. Prasad	A Study on Data Mining Applications in Healthcare Sector	International Conference on Recent Emerging Science, Engineering & Advanced Research in Communication and Healthcare		ISBN.No.-978-93-5473-898-2,	471	Jun-21	

Sl.No	Authors	Title of the Paper	Journal Details	Volume / ISSUE	ISSN No	Page No.	Month / Year	DOI
8	SK Althaf Hussain Basha, GNR Prasad Mallikharjuna Rao & M Gnana Vardhan4	A REVIEW OF PREDICTIVE AND DESCRIPTIVE DATA MINING TECHNIQUES IN HIGHER EDUCATION DOMAIN	International Journal of Computer Engineering and Applications	Volume XIII,	Issue VI		44197	
9	SK Althaf Hussain Basha, K R R Mohan Rao, GNR Prasad, Mallikharjuna Rao K	VISUALIZING NETWORK PATH AND DATA LINK ACTIVITY IN MOBILE ADHOC NETWORK BY USING INET	International Journal of Computer Engineering and Applications	Volume XIII,	Issue VI		January. 21	
10	Dr. G. N. R. Prasad	DIGITAL TECHNOLOGY AND ITS POSITIVE IMPACT ON THE ENVIRONMENT	International Research Journal of Modernization in Engineering Technology and Science	Volume:02	Issue:08		44044	
11	Dr. G. N. R. Prasad	THE COVID-19 PANDEMIC'S IMPACT ON CLOUD STORAGE	International Journal of Computer Engineering and Applications	08-Jan	6		44136	
12	Dr. G. N. R. PRASAD	DIGITAL TECHNOLOGY AND ITS POSITIVE IMPACT ON THE ENVIRONMENT	International Research Journal of Modernization in Engineering Technology and Science	02-Jan	8	774-777	44044	--
13	Dr. G. N. R. PRASAD	IMPLEMENTATION OF SIGMOID FUNCTION IN LOGISTIC REGRESSION	International Journal of Computer Engineering and Applications,	14-Jan	Spl. Issue	1-5	43983	--
14	Dr. L.K.Mahalakshmi,M. Manoj Kumar,	POSSIBLE PREVENTION OF COVID-19 BY BEHAVIORAL CHANGE AND HYGIENIC HABITS OF INDIAN POPULATION AS WELL AS ITS CLIMATE	ADALYA JOURNAL	09-Jan	4	651-658	43941	10.37896/aj9.4/060
15	Dr. G. N. R. PRASAD, Dr. A. Vinaya Babu	EVALUATING STUDENT PERFORMANCE AFTER AUTOMATIC GENERATION OF QUESTION PAPER USING BLOOM'S TAXONOMY	JETIR	06-Jan	5	162-165	43586	--

Sl.No	Authors	Title of the Paper	Journal Details	Volume / ISSUE	ISSN No	Page No.	Month / Year	DOI
16	G.N.R. PRASAD,SURYA PRAKASH,M.Ramchander	APPLYING FAILURE MODE EFFECT ANALYSIS (FMEA) MODEL IN SOFTWARE TESTING	INTERNATIONAL JOURNAL OF SCIENCE AND INNOVATIVE ENGINEERING & TECHNOLOGY	05-Jan			43586	
17	A. Durga Praveen, T. PanduRanga Vital, D. Jayaram, and L. Venkata Satyanarayana	Intelligent Liver Disease Prediction (ILDLP) System Using Machine Learning Models	Proceedings of I International ConferenceIntelligent computing in Control & Communication	Lecture notes in Electrical Engg.	1	02-Dec	2020	<a href="https://doi.org/10.1007/978-981-15-8439-8_50">https://doi.org/10.1007/978-981-15-8439-8_50</a>
18	T. Pandu Ranga Vital1 · Janmenjoy Nayak1 · Bighnaraj Naik2 · D. Jayaram3	Probabilistic Neural Network-based Model for Identification of Parkinson's Disease by using Voice Profile and Personal Data	Arabian Journal for Science and Engineering		46	3383–3407	44197	<a href="https://doi.org/10.1007/s13369-020-05080-7">https://doi.org/10.1007/s13369-020-05080-7</a>
19	D. Jayaram, T.Panduranga Vital	AODV and AntHocNet for Mobile Ad Hoc Networks Performance Evaluation Analysis	Mukt Shabd Journal	09-Jan	6	4725-4743	43983	09.0014.MSJ
20	D. Jayaram, J. Shiva Sai, CRK Reddy, V. Kamakshi Prasad	Text Extraction from Hoardings by Hybrid Model	International Journal of Engineering and Advanced Technology (IJEAT)	09-Jan	4	73-80	43922	10.35940/ijeat.D6650.049420
21	D. Jayaram, J. Shiva Sai	Accident detection of cars under different driving conditions using CNN	International Journal of Research (IJR)	08-Jan	6	2636-2648	43617	16.10089/IJR
22	B. Srinivasa S. P. Kumar ,C. N. V. B. R. Sri Gowrinath, Chilukuri Megh Phani Dutt	Identification of Astrological belief using Sentimental Analysis by Capturing Opinions from Cross-domain Individuals	IJRTE(ELSEVIER SCOPUS)	Volume 8, Issue 5	ISSN 2277 - 3878	pp.3075-3080	January 2020.	
23	Dr.B.Indira and Prof. M.V.Ramana Murthy	Integrating IOT and FOG Computing for solving time sensitive Applications : The need of the hour	Journal of XIAN University of Architecture and Technology	XII	XI	453-462	Nov-20	<a href="https://doi.org/10.37896/JXAT12.11/29747">https://doi.org/10.37896/JXAT12.11/29747</a>
24	Dr.B.Indira, Dr. D. Lalitha Devi and prof.S. Jeelani	A Statistical Case Study on Usage of ICT in Teaching in Various Schools and Colleges of Secunderabad and Hyderabad	Science and Engineering Journal	24	9	38-45	Sep,2020	ISSN NO: 0103-944X

Sl.No	Authors	Title of the Paper	Journal Details	Volume / ISSUE	ISSN No	Page No.	Month / Year	DOI
25	Dr.B.Indira and M.Surya Teja	Robust Frequent Item set Mining on Massive Data	International Journal for Modern Trends in Science and Technology	6	8(S)	149-155	August, 2020	<a href="https://doi.org/10.46501/IJMTSTCIET29">https://doi.org/10.46501/IJMTSTCIET29</a>
26	CNVBR Sri Gowrinath, Ch.VMK Hari, Prof. PGVD Prasad Reddy	Evaluating Frequency of words & word cluds from Astrological sentiments using NLP	International Journal of Scientific Research in Science & Technology			920	Jun-20	10.32628/IJSRST2383196
27	CNVBR Sri Gowrinath , Durga Devi	Triple Authntication Approach for acurate voting systems	International Conference on "Innovation sin computer network, computational Intelligence & IoT"				Jun-21	
<b>2019-2020</b>								
1	K. Gopal Reddy K. S. Sadasiva Rao	Adaptive Embedding Learning Methods for Cross Domain Sentiment	International Journal of Modern Engineering and Research Technology	vol - 6 Issue - 1	ISSN: 2348-8565 (Online)	120 to 128	JAN / 2019	
2	Dr D L Sreeniasa Reddy, M. Rajini	A Systematic Review on Learner's Learning Behavior and their Learning Abode	Sustainable Humanosphere	16-Jan	1	231-235	February, 2020	ISSN:1880-6503
3	P Vasanth Sena, P Sammulal, Suresh Pabboju, D L Srinivasa Reddy	A Mining Frame Work of CO-PO Attainment using Deep Learning Techniques	International Journal for Modern Trends in Science and Technology	09-Jan	4S2	60-63	March, 2020	DOI: 10.35940/ijtee.D1015.0394S220
4	Dr D L Sreeniasa Reddy, M. Rajini	Luster Sampling to Improve Classifier Accuracy for Numeric Data	International Journal of Recent Technology and Engineering	08-Jan	2	3685-3692	July, 2019	DOI: 10.35940/ijrte.B2848.078219
5	Dr D L Sreeniasa Reddy	Cluster Sampling to Improve Classifier Accuracy for Categorical Data	International Journal of Applied Engineering Research	14-Jan	13	2995-3002	July, 2019	ISSN 0973-4562
6	M Kalidas1, & Madhu Bajaj2	Assessment of Optical Character Recognition Techniques for Hindi Language	International Journal of Innovative Research in Science, (Perr reviewed Journal)	vol -8	issue - 12, ISSN(Online): 2319-8753 ISSN (Print): 2347-6710	11717-26	Dec-19	10.15680/ IJIRCCE.2019.0706020

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7	M.Ramchander & P.krishna Prasad	BIG DATA CLASSIFICATION APPROACHES TOWARDS IMPROVING TRADITIONAL CLASSIFICATIONALGORITHMS	Alochana Chakra Journal(UGC Approved)	Volume IX, Issue VI	2231-3990	3040 to 3048	Jun-20	DOI:10.01011.ACJ.2020.V9I6.00068749.02737
8	P.krishna Prasad & M.Ramchander	NETWORK SECURITY THREATMODELS AND SOLUTIONS TOWARDS PROGRAMMABLE NETWORKS	Alochana Chakra Journal(UGC Approved)	Volume IX, Issue VI	2231-3990	3049 to 3060	Jun-20	DOI:10.01011.ACJ.2020.V9I6.00068749.02738
9	P.krishna Prasad & M.Ramchander	NETWORK SECURITY THREATMODELS AND SOLUTIONS TOWARDS PROGRAMMABLE NETWORKS	Alochana Chakra Journal(UGC Approved)	Volume IX, Issue VI	2231-3990	3049 to 3060	Jun-20	DOI:10.01011.ACJ.2020.V9I6.00068749.02738
10	M.Ramchander & P.krishna Prasad	BIG DATA CLASSIFICATION APPROACHES TOWARDS IMPROVING TRADITIONAL CLASSIFICATIONALGORITHMS	Alochana Chakra Journal(UGC Approved)	Volume IX, Issue VI	2231-3990	3040 to 3048	Jun-20	DOI:10.01011.ACJ.2020.V9I6.00068749.02737
11	B Srinivasa S P Kumar , V. Uday Kumar,U harita,Dorababu Sudarsa,CMAK Zeelan Basha	A Fundamental Study on Suicides and RainfallDatasets Using Basic Machine Learning Algorithms	(ICECA-2020)	RVS Technical campus	Tamilnadu	India	5,6 and 7th nov-2020	10.1109/ICECA49313.2020.9297440
12	B Indira, Surya Teja	Robust frequent item set Mining on massive data	International Journal for modern trands in Sciene & Technology	6	8s	149-155	2020	<a href="https://doi.org/10.46501/IJMTSTCIET29">https://doi.org/10.46501/IJMTSTCIET29</a>
13	B.Indira, M.V. Ramana Murthy	Integrating IoT & fog Computing fro solving time sensitive Applications: Need of the hour	Journal of Xi'an University of Science & Technology	12	XI	453	2020	
14	Dr B Indira, Lalitha Devi, Prof. SJeelani	A statistical case study on usage of ICT in teaching in various schools& colleges of Hyderabad & Secunderabad		24	9	38	2020	

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15	Dr.B.Indira, T.Sirisha	Identification of tourists from public commuters using transport data & predicting next tour	Internation Journal of Computer Engineering & Applications	XIII	6		2020	
16	Dr.B.Indira and Dr. D. Lalitha Devi	Students Response Towards ICT Based Education Among Various Schools and Colleges in Hyderabad-A Case Study”	International Journal of Scientific Research	8	12	184-187	December, 2019	DOI: 10.36106/ijsr
17	A.Jyothi and Dr. B.Indira	An Automated VM Security Framework for Live Migration	International Journal of Innovative Technology and Exploring Engineering (IJITEE),	8	11	2029-2037	September, 2019	DOI: 10.35940/ijitee.K1920.0981119
18	Arati Kothari and Dr. B. Indira	A Unique Six Sigma Based Segmentation technique for Brain Tumor Detection and Classification using Hybrid CNN-SVM Model	International Journal of Recent Technology and Engineering (IJRTE)	8	2	35-40	Jul-19	DOI: 10.35940/ijrte.A1224.078219
19	C. N. V. B. R. Sri Gowrinath, B. Srinivasa S. P. Kumar, Chilukuri Megh Phani Dutt	Identification of Astrological beilef using Sentiment Analysis by Capturing Opinions from Cross-domain Individuals	International Journal of Recent Technology and Engineering (IJRTE)	8	5	3075-3080	January, 2020	10.35940/ijrte.E6002.018520
20	Ramesh Ponnala & Prof. CRK Reddy	Object Oriented Dynamic Metrics in Software Development: A Literature Review	International Journal of Applied Engineering Research (IJAER-Scopus upto 2018)	14	22	4161-4172	Nov.2019	
<b>2018-2019</b>								
1	Dr D L Sreeniasa Reddy,S China Ramu	Identification of Rare Diseases:An Outlier Analysis Approach	International Journal of Applied Engineering Research	13-Jan	14	11448-11453	July, 2018	ISSN 0973-4562
2	M Kalidas 2, & Smt. N. Rama Devi 1	A Comparative Study of Enterprise Blockchain Platorms : Dragin cahin and Komodo	International Journal of Innovative Research in Computer and Communication Engineering (Peer reviewed Journal)	Vol 7	Issue 6 ISSN(Online): 2320-9801 ISSN (Print): 2320-9798	3373 -3383	Jun-19	DOI: 10.15680/IJIRCCE.2019.0706020

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3	M.Ramchander & P.krishna Prasad	EFFICIENT CLUSTERING ALGORITHM FOR ANALYZING CATEGORICAL DATA STREAMS	International Journal of Research(UGC Approved)	Volume VIII, Issue VI,	2236-6124	608-616	Jun-19	DOI:16.10089.IJR.2019.V8I6.285311.235912
4	P.krishna Prasad & M.Ramchander	THREE LAYER PRIVACY PRESERVING CLOUD STORAGE SCHEME USING FOG COMPUTING	International Journal of Research(UGC Approved)	Volume VIII, Issue VI	2236-6124	595 to 607	Jun-19	DOI:16.10089.IJR.2019.V8I6.285311.235911
5	GNR Prasad & M.Ramchander	APPLYING FAILURE MODE EFFECT ANALYSIS (FMEA) MODEL IN SOFTWARE TESTING	INTERNATIONAL JOURNAL OF SCIENCE AND INNOVATIVE ENGINEERING & TECHNOLOGY	MAY 2019 ISSUE VOLUME 5	ISBN 978-93-81288-18-4		May-19	
6	P.krishna Prasad & M.Ramchander	THREE LAYER PRIVACY PRESERVING CLOUD STORAGE SCHEME USING FOG COMPUTING	International Journal of Research(UGC Approved)	Volume VIII, Issue VI	2236-6124	595 to 607	Jun-19	DOI:16.10089.IJR.2019.V8I6.285311.235911
7	M.Ramchander & P.krishna Prasad	EFFICIENT CLUSTERING ALGORITHM FOR ANALYZING CATEGORICAL DATA STREAMS	International Journal of Research(UGC Approved)	Volume VIII, Issue VI	2236-6124	608-616	Jun-19	DOI:16.10089.IJR.2019.V8I6.285311.235912
8	B. Srinivasa S. P. Kumar	A review towards evaluating spectrum resources to satisfy IoT needs	International Journal of analytical & experimental nodal analysis					
9	B. Srinivasa S. P. Kumar, A.Mohan	Aspects of Machine Learning : Concept learning, support vector machines, and graphical models	International Journal of analytical & experimental nodal analysis					
10	B Srinivasa S P Kumar, C N V B R Sri gowrinath	Architectural Representation for Inference rules generation for Astrological Predictions using Induction of Horoscope Charts	IJAER	Volume 3	ISSN 0973-4562	pp : 14495-14497	Nov-20-2018	
11	B Srinivasa S P Kumar , M. Chandrasekhar Varma , CNVBR Sri Gowrinath	A Protocol for Privacy mining of association rules in distributed data bases towards the up gradation of efficiency	IJPAM(SCOPUS INDEXED)	Volume:120, number 6	ISSN: 1314-3395	7333-7348	june-14-2018	



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12	Mohammed Shafeeq Ahmed and Baddam Indira	Detection and Classification of Exudates by Extracting the Area from the RGB Fundus Images	International Journal of Recent Technology and Engineering (IJRTE)	8	1	2282-2287	May,2019	Retrieval Number A1240058119/19©BEIESP
13	K. Swathi and Dr. Baddam Indira	Approach to build a Model Using Data Science/ Machine learning	International Journal of Management Technology and Engineering,	IX	I	3096-3103	Jan,2019	DOI:16.10089.IJMTE.2019.V9I0 1.18.27767,
14	A.Jyothi and Dr. B.Indira	A Two Way Validation Framework For Cloud Storage Security	International Journal of Engineering and Technology	7	2.2	236-242	september,2018	DOI: 10.14419/ijet.v7i2.20.14769
15	CNVBR Sri Gowrinath, B. Srinivasa S. P. Kumar	Architectural Representation for Inference rules generation for Astrological Predictions using induction of Horoscope Charts	International Journal of Applied Engineering Research (IJAER)	13	20	14495 - 14497	November, 2018	--