



Shree Venkateshwara Hi-Tech Engineering College
(An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
(Accredited with NBA and "A" Grade by NAAC)
Gobichettipalayam, Erode-638455



June 2023							
Si No	Name of the Faculty	Department	Name of the Journal	Title of the Article	Month of Submission	Indexing/Status	Vol & Issue No
1	Dr.T.Senthil Prakash	CSE	Biomedical Signal Processing and Control - A1	Enhanced Elman Spike Neural Optimized with Flamingo Search Optimization Algorithm Espoused Lung Cancer Classification From CT Image	April 2023	SCI, AU Annexure Published	Volume 84, July 2023, 104948
2	Dr..K.M.Arunraja	Mech	Empyreal Publishing House	PADDY CULTIVATION AND MARKETING IN TAMILNADU- A REVIEW	March 2023	Peer Review Published	ISBN: 978-93-93810-62-5
3	Dr.Arunkumar G E	Civil	Global NEST -A1	Concrete Constructed with Recycled water to experimental Analysis of the Physical Behaviour of Polypropylene Aggregate (PPA)	June 2023	SCI, AU Annexure Published	Vol.25 No.05 pp-126-135
4	Dr.S.Sathyasundari	MBA	Star Research Journal - An Online International Peer - Reviewed Journal	Roles and Challenges in adopting Technologies in Indian Agriculture	May	Peer Review Published	Vol-11 Issue 06 (6) 2321 -676X

July 2023							
5	P. Thangavel, S. Prakasam, K.M. Arunraja, K.Kannakumar,	Mech	Journal of Harbin Engineering University,	Influence of Cryo-milling on Metal Matrix Interface and Characteristics of AA5154 – ZrC Composites”,	July 2023	(Scopus)	Vol.44, no.07, pp:2174-2188. July 2023.
6	S. Prakasam, P. Thangavel, K.M. Arunraja, S.Meinathan,	Mech	Journal of Harbin Engineering University	Study Of EDM Properties of Reinforced Cryogenic Treated Aluminum Alloy AA6063 Composites	July 2023	(Scopus)	Vol.44, no.07, pp: 2142-2161. July 2023.
7	P. Thangavel, K.M. Arunraja, S. Prakasam, S.Lingeshwaran,	Mech	Journal of Harbin Engineering University	Investigation Of AA7075 MMC Reinforced By Al0.5cocragni Heap Through Stir Casting And Cryorolling	July 2023	(Scopus)	Vol.44, no.07, pp: 2162-2173. July 2023.
August 2023							
8	Arunraja K.M	Mech	Journal of Applied Research and Technology	Optimization of Machining Fixture Layout for thin- walled Component using DOE and FEM”,	Aug 2023	Scopus	Vol.21, No.04, pp:552-559.
9	Arunraja K.M	Mech	International Journal of Engineering Research & Technology	Performance Improvement on Water Jet Nozzle by End Hencing Nozzle Spread Area,	Aug 2023	Google Scholar	Vol.11, No.03,
10	Arunraja K.M	Mech	International Journal of Engineering Research & Technology	Design And Analysis of Thermal Distribution of Compressor Fins	Aug 2023	Google Scholar	Vol.11, No.03,
11	R.Senthilkumar	CSE	Patent	388995-001	Aug 2023	Patent	34/2023
September 2023							
12	Dr.T.Senthil	CSE	Journal of Experimental & Theoretical Artificial	Municipal Solid Waste Prediction using tree	Sep 2023	SCI, AU-I	

	Prakash		Intelligence	hierarchical Deep Convolutional Neural Network			
13	K.Kannakumar	Mech	Investigation of Thermal and Mechanical behavior of recycled low density polyethylene/Hemp fiber Composites	Materials Today	Sep 2023	Scopus	-
14	Dr.R.Senthilkumar	CSE	A Calssified Sentiment of E-Commerce Analysis by Mining Dependency in Product Features and Ideas in Social Network	Tec Empresarial	Sep 2023	Scopus & WOS	-
15	Dr.R.Senthilkumar	CSE	An Analysis of Impression of Data Science with Trends	Tec Empresarial	Sep 2023	Scopus & WOS	
16	S.Ayisha	ECE	Investigation Strategies and tools for Optimizing Cloud Costs, Monitoring Resource usage and Protection future Expenses.	SAMDARSHI	Sep 2023	UGC Care	
17	S.Ayisha	ECE	A Smart Borewell Monitor with AI-Enabled ZigBee Technology	IJINRT	Sep 2023	Google Scholar	
October 2023							
18	Dr.T.Senthilprakash	CSE	Research on Biomedical Engineering	Deep convolutional spiking neural network fostered automatic detection and classification of breast cancer from mammography images	Oct 2023	Springer & Scopus	Volume 39, pages 833–841.

19	Dr.R.Senthilkumar	Mech	International Journal on Recent and Innovation Trends in Computing and Communication	Performance Improvement on Water Jet Nozzle by End Hencing Nozzle Spread Area,	Oct 2023	Scopus	2321-8169 Vol: 11, No: 10
20	Dr.P.Thangavel Principal	Mech	Tuijin Jishu/Journal of Propulsion Technology	Design And Analysis of Thermal Distribution of Compressor Fins	Oct 2023	Scopus	ISSN: 1001-4055 Vol. 44 No. 3 (2023)
21	Mr.S.Meinathan	Mech	Intellectual Property India	388995-001	Oct 2023	Patent	No:43/2023 date:27.10.2023
November 2023							
22	Mr.S.Meinathan	AP/Mech	IOP Publishing Ltd Journal of Physics: Conference Series	Investigation On The Characterization Of Hot Extruded Aa7075 Based Metal Matrix Composites Developed By Powder Metallurgy	Nov 2023	Scopus	ISSN:1742-6588E- ISSN:1742-6596 2603 (2023) 012041
23	Dr. S. Sathyasundari	MBA	Journal of Research Administration	Impact of artificial intelligence on sustainable agricultural Developments	Nov 2023	Scopus	ISSN:1539-1590 E-ISSN:2573-7104 Vol. 5 No. 2 (2023)
23	Mr.K.Kannakumar	AP/Mech	E3S Web of Conferences	Enhanced behavior of solar stills with modified absorber surfaces: comparative analysis of floating wick designs	Nov 2023	Scopus	EISSN:2267-1242 Vol. 455 -ICGEST 2023
24	Dr.K.M.Arunraja	Dean	Patent	Crop Monitoring Drone	Nov 2023	Patent	No.41/2023, 393527-001

25	Mr.K.Kannakumar	AP/Mech	Intellectual Property India	Wireless Labtop Charger cum Cooling Pad	Nov 2023	Patent	No:395484-001 45/2023
26	Dr.R.Senthilkumar	ASP/CSE	Intellectual Property India	AI Based Smart Waliking Stick for Visually Impaired	Nov 2023	Patent	No:397577-001 48/2023
December 2023							
27	Dr.V.Saminathan	ECE	IEEE Proceedings	Real Time Attendance Entry using Face Detection and Recognition	Dec 2023	Scopus	-
28	Mr.S.Sathishkumar	Mech	Patent	Sun Track Solar panel	Dec 2023	Design Patent	397519-001
29	Mr.K.C.Anandhan	EEE	Patent	Home Enabled Solar Energy Storage System	Dec 2024	Design Patent	397582-001
January 2024							
30	Dr.T.SenthilPrakash	CSE	Taylor & Francis	Auto-Metric Graph Nueral Network for Paddy Leaf Disease Classification	Jan 2024	Scopus	-
31	Dr.S.Prakasam	Mech	International journal of Recent and Innovation Trends in Computing and Commnication.	Deep Learning based Detection of Cartiovascular Defects Patents	Jan 2024	Scopus	-



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JOURNAL PUBLICAITON DETAILS

S.No	Academic Year	Name of the Author	Journal Name	Title of Paper	Year & Issue	DOI/ ISSN/ISBN Number	Impact Factor	Link of the Journal Page
DEPARTMENT OF CIVIL ENGINEERING								
1	2020 - 2021	N.Thirugnana Sambantham	IJSRD - International Journal for Scientific Research & Development	Assessment of the Influence of Teamwork on Building in Large Projects	Vol. 9, Issue 4, 2021	ISSN (online): 2321-0613	4.396	https://www.ijsrd.com/articles/IJSRDV9I40246.pdf
2	2020 - 2021	N.Thirugnana Sambantham	IJSRD - International Journal for Scientific Research & Development	Case Study on Safety Management in Construction Project	Vol. 9, Issue 4, 2021	ISSN (online): 2321-0613	4.396	https://www.ijsrd.com/articles/IJSRDV9I40066.pdf
3	2020 - 2021	N.Thirugnana Sambantham	IJSRD - International Journal for Scientific Research & Development	Project Planning by Zero Costing In Road Construction	Vol. 9, Issue 12, 2022	ISSN (online): 2321-0613	4.396	https://www.ijsrd.com/articles/IJSRDV9I120061.pdf
4	2020 - 2021	A.Sandhiyadevi	IJSRD - International Journal for Scientific Research & Development	Identification and Quantification of Waste in Construction Sites Based on Lean Construction Principles	Vol. 9, Issue 5, 2021	ISSN (online): 2321-0613	4.396	https://www.ijsrd.com/articles/IJSRDV9I50218.pdf
5	2020 - 2021	A.Sandhiyadevi	IJSRD - International Journal for Scientific Research & Development	Estimating the Impact of Lean Construction Practices on Project Duration and Cost using Monte Carlo Simulation	Vol. 9, Issue 5, 2021	ISSN (online): 2321-0613	4.396	https://www.ijsrd.com/articles/IJSRDV9I40271.pdf



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6	2020 - 2021	A.Sandhiyadevi	IJSRD - International Journal for Scientific Research & Development	Construction Labour Productivity Based on Fitness Model Using Fuzzy Logic and Artificial Neural Network	Vol. 9, Issue 5, 2021	ISSN (online): 2321-0613	4.396	https://www.ijsrd.com/articles/IJSRDV9I40357.pdf
7	2020 - 2021	K.Thamaraikannan	IJSRD - International Journal for Scientific Research & Development	Development of Risk Response Model to Handle Delays of Construction Projects	Vol. 9, Issue 5, 2021	ISSN (online): 2321-0613	4.396	https://www.ijsrd.com/articles/IJSRDV9I40298.pdf
8	2020 - 2021	R.Gnanasigamani	IJSRD - International Journal for Scientific Research & Development	An Assessment of the Technical Efficiency of Construction Firms	Vol. 9, Issue 5, 2021	ISSN (online): 2321-0613	4.396	https://www.ijsrd.com/articles/IJSRDV9I50160.pdf
9	2020 - 2021	A.Sabareesh	IJSRD - International Journal for Scientific Research & Development	Resources, Cost Planning and Time Delays in Assembly Buildings	Vol. 9, Issue 5, 2021	ISSN (online): 2321-0613	4.396	https://www.ijsrd.com/articles/IJSRDV9I50067.pdf
10	2018 - 2019	N. Thirugnana sambantham	(IRJET)- International Research Journal of Engineering and Technology	Study of Cast Earth as a Structural Material	Volume: 05 Issue: 10	e-ISSN: 2395-0056 p-ISSN: 2395-0072	7.211	https://www.irjet.net/archives/V5/i10/IRJET-V5I1085.pdf



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S.No	Academic Year	Name of the Author	Journal Name	Title of Paper	Year & Issue	DOI/ ISSN/ISBN Number	Impact Factor	Link of the Journal Page
11	2017 - 2018	K.N.Vineethkumar	IJSRD - International Journal for Scientific Research & Development	Experimental Study on Strengthening Of RC Beam by Using GFRP	Vol. 5, Issue 02, 2017	ISSN (online): 2321-0613	4.396	https://www.ijsrd.com/articles/IJSRDV5120726.pdf

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

1	2021-2022	Dr.R.Senthilkumar	Journal of Positive School Psychology	Comparative Analysis of Deep Learning Models for PCB Defects Detection and Classification	2022 Issue 5	https://journalppw.com/index.php/jpsp/article/view/7161/4682 ISSN: 2717-7564	0.64	https://journalppw.com/index.php/jpsp/article/view/7161
2	2020-2021	Dr.R.Senthilkumar	Journal of Internet Technology	Asymmetric Key Blum-Goldwasser Cryptography for Cloud Services Communication Security	2021 Issue 1	DOI: 10.3966/160792642020072104003 ISSN:1607-9264	1.005	https://jit.ndhu.edu.tw/article/view/2322
3	2020-2021	Dr. T. Senthil Prakash, Dr.R.Senthilkumar	Aegaeum Journal	Improved aspect based opinion mining From student feedback review	2020 Issue 6	DOI: 10.3966/160792642020072104003 ISSN:1607-9264 0776-3808	0.05	http://aegaeum.com/gallery/agm.j-3359.135-f.pdf
4	2018-2019	R.Senthilkumar	Wireless Personal Communications An International Journal	Signature Verification and Bloom Hashing	2018 Issue 2	DOI 10.1007/s11277-018-5995-8 ISSN: 09296212	1.2	https://link.springer.com/article/10.1007/s11277-018-5995-8



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5	2018-2019	S.Gokulraj	International Journal of Communication Systems	Integration of firefly optimization and Pearson service correlation for efficient cloud resource utilization	2018 Issue 5	DOI https://doi.org/10.1002/dac.3771 ISSN: 1074-5351	1.6	https://onlinelibrary.wiley.com/doi/abs/10.1002/dac.3771
6	2017-2018	S. Ramana, S. Sabitha R. Senthil Kumar, Dr.T Senthil Prakash	International Journal of Scientific Research in Computer Science and Engineering	Atmospheric Change on the Geographical Theme Finding Of Different Functions on Human Mobility	2018 issue 2	E-ISSN: 2320-7639	1.02	https://pdfs.semanticscholar.org/dea0/ad837d1ee2982f9341a4d4147a1edd7934c6.pdf
7	2017-2018	D Anusuya, R Senthilkumar, Dr.T Senthil Prakash	International Journal of Computational Research and Development	Evolutionary Feature Selection for big data processing using Map reduce and APSO	2017 issue 2	ISSN : 2321-2241	1.52	https://core.ac.uk/download/pdf/144775841.pdf
8	2017-2018	V.Shameena R.Sentilkumar	International Journal of Innovative Research in Computer and Communication Engineering	Ad-Hoc Method for Social Data Collection Using Foursquare	2018 issue 5	ISSN: 2320-9801	0.08	http://ijirce.com/get-current-issue.php?key=OTQ=

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1	2021-2022	P.P.JANARTHANAN	Design Engineering	Identification of Features to Analyze the Autism Spectrum Disorder Using Electroencephalography	2021	ISSN 0011-9342	—	http://www.thedesignengineering.com/index.php/DE/article/view/3571
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2	2021-2022	P.P.JANARTHANAN	Design Engineering	Certain Investigations on an Electroencephalogram (EEG) Montaging and Remontaging	2021	ISSN 0011-9342	-	http://www.thedesignengineering.com/index.php/DE/article/view/3572
3	2020-2021	C.ALAKESAN	International Journal of Advanced Science and Engineering Research	Low power asynchronous Viterbi decoder using hybrid register exchange method	2021	ISSN 2455-9288 APRIL 2021	-	http://www.ijaser.in/journals/view/volume6/issue1/low-power-asynchronous-viterbi-decoder-using/868
4	2020-2021	R.S.KAMALAKANNAN	International Journal of Advanced Science and Engineering	VLSI architecture of real valued serial Pipe Lined FFT	2021	ISSN 2455-9288 APRIL 2021	-	http://www.ijaser.in/journals/view/volume6/issue1/vlsi-architectureof-real-valued-serial-pipe-lined/867
5	2019-2020	R.S.KAMALAKANNAN	IET Circuits, Devices & Systems	Low power radiation aware transistor level design using tri-state inverter embedded non-clock gating technique	2019	ISSN 1751-8598 OCTOBER 2019	1.395	https://digital-library.theiet.org/content/journals/10.1049/iet-cds.2018.5232
6	2019-2020	C.THAMILARASI	International Journal of Research and Advanced Development	The role of Open Data for mapping and communication in Disaster Management	2020	ISSN 2581-4451 FEBRUARY 2020	-	https://www.researchgate.net/publication/344085469_The_role_of_Open_Data_for_mapping_and_communication_in_Disaster_Management
7	2019-2020	P.GOPALAKRISHNAN	International Journal of Research and Advanced Development	Robotic Cutting System using Velocity Scanning of Linear Conveyor	2020	ISSN 2581-4451 FEBRUARY 2020	-	https://scholar.google.co.in/scholar?q=International+Journal+of+Research+and+Advanced+Development&hl=en&as_sdt=0&as_vis=1&oi=scholar
8	2019-2020	R.PRABHAKARAN	International Journal of Research and Advanced Development	Automatic leaf parameter monitoring and analysis of irrigation systems in agriculture using machine learning techniques.	2020	ISSN 2581-4451 FEBRUARY 2020	-	https://scholar.google.co.in/scholar?q=International+Journal+of+Research+and+Advanced+Development&hl=en&as_sdt=0&as_vis=1&oi=scholar



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9	2019-2020	T.KARTHI	International Journal of Research and Advanced Development	Gait Analysis for Human Authentication using Depth Sensor	2020	ISSN 2581-4451 FEBRUARY 2020	-	https://scholar.google.co.in/scholar?q=International+Journal+of+Research+and+Advanced+Development&hl=en&as_sdt=0&as_vis=1&oi=scholart
10	2019-2020	R.S.KAMALAKANNAN	International Journal of Research and Advanced Development	Energy management system to handle emergency load managing for EV's and portable inverters on AI	2020	ISSN 2581-4451 FEBRUARY 2020	-	https://scholar.google.co.in/scholar?q=International+Journal+of+Research+and+Advanced+Development&hl=en&as_sdt=0&as_vis=1&oi=scholart
11	2018-2019	T.KARTHI	International Journal of Intellectual Advancements and Research in Engineering Computations	Food Computer Using Big Data Analysis	2019	ISSN 2348-2079 MARCH 2019	0.543	https://journals.indexcopernicus.com/api/file/viewById/902500
12	2018-2019	R.PRABHAKARAN	International Journal of Intellectual Advancements and Research in Engineering Computations	Implementation of Service Robot Using OCR Technique In Raspberry Pi For Visually Impaired	2019	ISSN 2348-2079 MARCH 2019	0.543	https://journals.indexcopernicus.com/search/article?articleId=2439616
13	2018-2019	R.PRABHAKARAN	International Journal of Intellectual Advancements and Research in Engineering Computations	Design and Implementation of Real Time Wireless System for Vehicle Safety and Vehicle To Vehicle Communication	2019	ISSN 2348-2079 MARCH 2019	0.543	https://journals.indexcopernicus.com/search/article?articleId=2439622
14	2018-2019	P.GOPALAKRISHNAN	International Journal of Intellectual Advancements and Research in Engineering Computations	Design and Implementation of Automated Car Parking System Using RFID	2019	ISSN 2348-2079 MARCH 2019	0.543	https://journals.indexcopernicus.com/search/article?articleId=2439611



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15	2018-2019	C.THAMILARASI	International Journal of Intellectual Advancements and Research in Engineering Computations	Automatic Railway Track Fault Detecting Using Wireless Network systems	2019	ISSN 2348-2079 MARCH 2019	0.543	https://journals.indexcopernicus.com/api/file/viewByFileId/902507
16	2017-2018	C.ALAKESAN	International Journal of Advanced And Innovative Research (IJAIR)	Area And Power Efficient Multiplier Using Hybrid Adder	2018	ISSN NO : 2278-7844 ,VOLUME 04,ISSUE 07,JUNE 2018	-	https://ipindexing.com/journal-details/International-Journal-of-Advanced-and-Innovative-Research/647
17	2017-2018	C.THAMILARASI	International Journal of Advanced And Innovative Research (IJAIR)	Unsupervised Image Segmentation Using Convolutional Neural Network Based On Pixel Level Representation	2018	ISSN NO : 2278-7844 ,VOLUME 04,ISSUE 07,JUNE 2018	-	https://paperswithcode.com/paper/unsupervised-learning-of-image-segmentation



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING								
1	2021-2022	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Wireless Power Transfer Device Based on RF Energy Circuit and Transformer Coupling Procedure	Vol.03, no.03, pp.230-245, Nov.2021	DOI: https://doi.org/10.36548/jeea.2021.3.006 ISSN:2582-3051	0.86	https://irojournals.com/iroeea/article/pdf/3/3/6
2	2021-2022	Dr. P. Karuppusamy	Journal of Electronics and Informatics	Design of Adaptive Estimator for Nonlinear control system in Noisy Domain”,	Vol.03, no.03, pp.150-166, Aug.2021	DOI: https://doi.org/10.36548/jei.2021.3.001 ISSN:2582-3825	1.004	https://irojournals.com/iroei/article/pdf/3/3/1
3	2021-2022	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Design of Inverter Voltage Mode Controller by Backstepping Technique for Nonlinear Power System Model	Vol.03, no.04, pp.265-276, Dec.2021	DOI: https://doi.org/10.36548/jeea.2021.4.002 ISSN:2582 - 3051	0.86	https://irojournals.com/iroeea/article/pdf/3/4/2
4	2021-2022	Dr. P. Karuppusamy	Journal of Electronics and Informatics	Comparative Analysis an Early Fault Diagnosis Approaches in Rotating Machinery by Convolution Neural Network	Vol.03, no.02, pp.99-113, Jul.2021	DOI: https://doi.org/10.36548/jei.2021.2.003 ISSN:2582 - 3825	1.004	https://irojournals.com/iroei/article/pdf/3/2/3
5	2020-2021	Dr. P. Karuppusamy	Journal of Soft Computing Paradigm	Building Detection using Two-Layered Novel Convolutional Neural Networks	Vol.03, no.01, pp.29-37, Apr.2021	DOI: https://doi.org/10.36548/jscp.2021.1.004 ISSN: 2582-2640	3.64	https://irojournals.com/jscp/V3/11/04.pdf



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6	2020-2021	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Integrated Renewable Energy Management System for Reduced Hydrogen Consumption using Fuel Cell	Vol.03, no.01, pp.44-54, May.2021	DOI: https://doi.org/10.36548/jeea.2021.1.005 ISSN:2582-3051	0.86	https://irojournals.com/iroeea/V3/11/05.pdf
7	2020-2021	Dr. P. Karuppusamy	Journal of Electronics and Informatics	A Sensor based IoT Monitoring System for Electrical Devices using Blynk framework	Vol.02, no.03, pp.182-187, Aug.2020	DOI: https://doi.org/10.36548/jei.2020.3.005 ISSN:2582-3825	1.004	https://www.irojournals.com/iroei/V2/I3/05.pdf
8	2020-2021	Dr. P. Karuppusamy	Journal of Artificial Intelligence and Capsule Networks	Artificial Recurrent Neural Network Architecture in Customer Consumption Prediction for Business Development	Vol.02, no.02, pp.111-120, 2020	DOI: https://doi.org/10.36548/jaicn.2020.2.004 ISSN:2582-2012	0.657	https://www.irojournals.com/aicn/V2/I2/04.pdf
9	2020-2021	Dr. P. Karuppusamy	Journal of Soft Computing Paradigm	Effective Test Suite Optimization for Improving the Coverage Standards Using Hybrid Wrapper Filter Memetic Algorithm	Vol.02, no.02, pp.83-91, 2020	DOI: https://doi.org/10.36548/jscp.2020.2.001 ISSN:2582-2640	3.64	https://www.irojournals.com/jscp/V2/I2/01.pdf
10	2020-2021	Dr. P. Karuppusamy	Journal of Soft Computing Paradigm	Hybrid Manta Ray Foraging Optimization for Novel Brain Tumor Detection	Vol.02, no.03, pp.175-185, Jul.2020	DOI: https://doi.org/10.36548/jscp.2020.3.006 ISSN:2582-2640	3.64	https://www.irojournals.com/jscp/V2/I3/05.pdf



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S.No	Academic Year	Name of the Author	Journal Name	Title of Paper	Year & Issue	DOI/ ISSN/ISBN Number	Impact Factor	Link of the Journal Page
11	2020-2021	Dr. P. Karuppusamy	Journal of Soft Computing Paradigm	Machine Learning Approach to Predictive Maintenance in Manufacturing Industry - A Comparative Study	Vol.02, no.04, pp.246-255, Jan.2021	DOI: https://doi.org/10.36548/jscp.2020.4.006 ISSN:2582-2640	3.64	https://irojournals.com/jscp/V2/14/06.pdf
12	2020-2021	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Modified Symbiotic Organisms Search for Plug-In Hybrid Electric Vehicles through Renewable Micro-Grids	Vol.02, no.02, pp.76-83, 2020	DOI: https://doi.org/10.36548/jeea.2020.2.003 ISSN: 2582-3051	0.86	https://www.ijournals.com/iroeea/V2/12/03.pdf
13	2020-2021	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Performance Analysis of Multiple Pico Hydro Power Generation	Vol.02, no.02, pp.92-101. Jan.2021	DOI: https://doi.org/10.36548/jeea.2020.2.005 ISSN: 2582-3051	0.86	https://www.ijournals.com/iroeea/V2/12/05.pdf
14	2020-2021	Dr. P. Karuppusamy	Neural Processing letters	Capsule Networks and Imaging Science (CNIS)	pp.2381-2383, Jun.2021	https://doi.org/10.1007/s11063-021-10550-6 ISSN:2582 - 3051.	2.565	https://link.springer.com/article/10.1007/s11063-021-10550-6
15	2020-2021	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Advanced Metering Infrastructure with Secure Chord Lookup Protocol for IoT Systems	Vol.02, no.03, pp.112-117, Jan.2021	DOI: https://doi.org/10.36548/jeea.2020.3.001 ISSN:2582 - 3051	0.86	https://irojournals.com/iroeea/V2/13/01.pdf



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S.No	Academic Year	Name of the Author	Journal Name	Title of Paper	Year & Issue	DOI/ ISSN/ISBN Number	Impact Factor	Link of the Journal Page
16	2020-2021	Dr. R.Balraj	Emerald Publishing Limited	A Novel PV array interconnection scheme to extract maximum power based on global shade dispersion using grey wolf optimization algorithm under partial shading conditions	Vol.48, no.01, pp.28-38, Oct.2020	DOI 10.1108/CW-07-2020-0143] ISSN:0305-6120	1.891	https://www.emerald.com/insight/content/doi/10.1108/CW-07-2020-0143/full/html
17	2019-2020	Dr. P. Karuppusamy	Journal of Artificial Intelligence and Capsule Networks	Analysis of Neural Network Based Language Modeling	Vol.02, no.01, pp.53-63, 2020	DOI: https://doi.org/10.36548/jaicn.2020.1.006 ISSN:2582-2012	1.657	https://www.irojournals.com/aicn/V2/I1/06.pdf
18	2019-2020	Dr. P. Karuppusamy	Journal of Electronics and Informatics	Design and Analysis of Low Power, High - Speed Baugh Wooley Multiplier	Vol.01, no.02, pp.60-70, 2019	DOI: https://doi.org/10.36548/jei.2019.2.001 ISSN:2582-3825	1.004	https://www.irojournals.com/iroei/V1/I2/01.pdf
19	2019-2020	Dr. P. Karuppusamy	Journal of Electrical Engineering and Automation	Synchronization of Reactive Power in Solar Based DG and Voltage Regulated Elements Using Stochastic Optimization Technique	Vol.02, no.01, pp.50-59, 2020	DOI: https://doi.org/10.36548/jeea.2020.1.006 ISSN: 2582-3051	0.86	https://www.irojournals.com/iroeea/V2/I1/06.pdf



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S.No	Academic Year	Name of the Author	Journal Name	Title of Paper	Year & Issue	DOI/ ISSN/ISBN Number	Impact Factor	Link of the Journal Page
DEPARTMENT OF MECHANICAL ENGINEERING								
1	2021-2022	Dr.P.THANGAVEL	Springer - Journal of Materials Engineering and Performance	Experimental Investigation and Prediction of Mild Steel Turning Performances Using Hybrid Deep Convolutional Neural Network-Based Manta-Ray Foraging Optimizer	vol. 31, Issue : 06 pp. 4848-4863, Feb 2022.	DOI: 10.1007/s11665-021-06552-z	2.036	https://link.springer.com/article/10.1007/s11665-021-06552-z#article-info
2	2021-2022	Dr.S.PRAKASAM	Springer - Journal of Materials Engineering and Performance	Experimental Investigation and Prediction of Mild Steel Turning Performances Using Hybrid Deep Convolutional Neural Network-Based Manta-Ray Foraging Optimizer	vol. 31, Issue : 06 pp. 4848-4863, Feb 2022.	DOI: 10.1007/s11665-021-06552-z	2.036	https://link.springer.com/article/10.1007/s11665-021-06552-z#article-info
3	2021-2022	Mr.K KANNAKUMAR	International Journal of Health Sciences	Improving the thermal efficiency of the heat pipe using a heterogeneous polyethylene fibre wick system	6(S4), 9999-10012	DOI: 10.53730 ISSN 2550-6978E-ISSN 2550-696X	2.96	https://sciencescholar.us/journal/index.php/ijhs/article/view/10888/8173
4	2021-2022	Mr. S.MEINATHAN	International Journal of Health Sciences	Structural improvement in industrial helmet by combining low and medium based elastic modulus value composite fibre	6(S4), 9981-9998	ISSN 2550-6978 E-ISSN 2550-696X	2.96	https://sciencescholar.us/journal/index.php/ijhs/article/view/10890/8174
5	2020-2021	Dr.P.THANGAVEL	International Journal of Scientific Research in Engineering and Management (IJSREM)	Study on tribological properties of biodegradable cutting fluid with the addition of additives.	Volume:05 Issue: 05 may 2021	2582-3930	7.185	-



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6	2020-2021	Dr.S.PRAKASAM	International Journal of Scientific Research in Engineering and Management (IJSREM)	Mechanical and Thermal Buckling Analysis of Laminated Composite Plates.	Volume:05 Issue: 05 may 2021	2582-3930	7.185	-
7	2020-2021	Mr. K.KANNAKUMAR	International Journal of Innovative and Research Technology	Experimental Investigation on Mechanical and FTIR Analysis of Novel Bio Materials Reinforced Epoxy Composites.	Volume 6 - 2021, Issue 3 - March	2456-2165	6.253	https://ijisrt.com/experimental-investigation-on-mechanical-and-ftir-analysis-of-novel-bio-materials-reinforced-epoxy-composites
8	2020-2021	Mr. S.MEINATHAN	International Journal of Innovative and Research Technology	Experimental Investigation on Mechanical and Ftir Analysis of Novel Bio Materials Reinforced Epoxy Composites.	Volume 6 - 2021, Issue 3 - March	2456-2165	6.253	https://ijisrt.com/experimental-investigation-on-mechanical-and-ftir-analysis-of-novel-bio-materials-reinforced-epoxy-composites
9	2020-2021	Mr. P.LINGESWARAN	International Journal of Scientific Research in Engineering and Management (IJSREM)	A study on electrochemical discharge drilling of soda – lime – silicon- glass with aid of modified setup	Volume:05 Issue: 05 may 2021	2582-3930	7.185	-
10	2020-2021	Mr. V.D.PRABHU	International Journal of Scientific Research in Engineering and Management (IJSREM)	An experimental investigation on weld characteristics for a shield metal arc welding with ss.	Volume:05 Issue: 05 may 2021	2582-3930	7.185	-



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11	2020-2021	Ms.E.VIDHYASRI	International Journal of Scientific Research in Engineering and Management (IJSREM)	An experimental study on the mechanical properties of alternate helmet materials fabricated using areca and glass fiber reinforced epoxy hybrid composites.	Volume:05 Issue: 05 may 2021	2582-3930	7.185	-
12	2020-2021	Mr. K.KANNAKUMAR	International Journal of Scientific Research in Engineering and Management (IJSREM)	Investigational and developmental study regarding implementation of sensor based hydraulically operated stainless steel lock gates for controlling salinity and hydraulic particulars.	Volume:05 Issue: 05 may 2021	2582-3930	7.185	-
13	2020-2021	Mr. K.KANNAKUMAR	International research journal on advanced science hub	Experimental investigation on mechanical and FTIR analysis of novel bio materials reinforced epoxy composites.	Volume 6 - 2021, Issue 3 - March	2456-2165	6.253	https://ijisrt.com/experimental-investigation-on-mechanical-and-ftir-analysis-of-novel-bio-materials-reinforced-epoxy-composites
14	2020-2021	Mr. S.MEINATHAN	International research journal on advanced science hub	Experimental investigation on mechanical and FTIR analysis of novel bio materials reinforced epoxy composites.	Volume 6 - 2021, Issue 3 - March	2456-2165	6.253	https://ijisrt.com/experimental-investigation-on-mechanical-and-ftir-analysis-of-novel-bio-materials-reinforced-epoxy-composites
15	2017-2018	Mr. S.Meinathan	Internation research journal of engineering and technology	Effects of Cu on microstructure and mechanical properties of mg added Al-si-cu (A319) alloy	Page :1146-1149 Volume: 04 Issue: 06 June -2017	2395 -0056	5.181	https://www.irjet.net/archives/V4/i6/IRJET-V4I6212.pdf



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16	2017-2018	Mr. S.S.Azhagu shankar	International research journal of engineering and technology	Design and fabrication of voice activated robotic arm	Page :1731-1741 Volume: 04 Issue: 06 June -2017	2395-0056	5.181	https://www.irjet.net/archives/V4/i6/IRJET-V4I6329.pdf
17	2017-2018	Mr. S.Praveen kumar	International journal of intellectual advancements and research in engineering computations	Modeling and performance investigation of axial flow type propeller fan	Page :1905-1910 Volume: 05 Issue: 02	2348-2079	7.185	-