

3.4.5 Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

Department of the Author(s)	Name of the Author(s)	Title of the Paper	Name of the Journal	Month and Year of publication	ISSN	Link to the notification in UGC enlistment of the Journal
Aero	S.Mohamed Ferozdheen,C.Kailasanathan,P.Pandian	Experimental Investigations for the effect of sonication time on nanophase change materials(sodium carbonate,decahydrate with alumina nanoparticles) used in solar energy storage system.	Chalcogenide Letters	2021	Vol 18,Pg 565-583	https://doi.org/10.22452/mjcs.sp2022no1.3
CSE	Dr. G. Nallasivan	Lung Detection And Segmentation For Cancer Diagnosis In Machine	International Journal of Scientific Research	2021	2347-7520	http://doi:10.32604/iasc.2022.024786

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		Learning Approach	h in Biological Sciences			
CSE	Dr. M. Vargheese, Dr. R. Madhavan	Facilitating different types of users towards effective use of object oriented applications	Journal of Huazhong University of Science and Technology	2021	1671-4512	https://doi.org/10.1016/j.envpol.2022.119182
CSE	Dr. M. Vargheese	Exploiting Code Generation And Belief Propagation To Infer Identity Of Polluters In Cloud Environment	Annals of the Romanian Society for Cell Biology	2021	1583-6258	https://doi.org/10.1007/s11042-022-12113-w
CSE	Dr. M. Vargheese	Smart Aquaponics: Challenges And Opportunities	Annals of the Romanian Society for Cell Biology	2021	1583-6258	https://doi.org/10.1007/s10772-022-09960-1

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CSE	Dr. G. Nallasivan and Dr. M. Vargheese	An Automated And Improved Brain Tumor Detection In Magnetic Resonance Images	Turkish Journal of Computer and Mathematics Education	2021	1309-4653	https://doi.org/10.1007/s12145-021-00754-8
CSE	Mrs.A.Anitha, Mrs.P.Kanaga Lakshmi and Dr. M. Vargheese	Direct Sales Of Agricultural Commodities	Journal of University of Shanghai for Science and Technology	2021	1007-6735	doi:10.32604/iasc.2022.023692
CSE	Mrs.J.Yamuna Bee and Dr. M. Vargheese	Intrusion Detection On Apache Spark Platform In Bigdata And Machine Learning Techniques	Journal of University of Shanghai for Science and Technology	2021	1007-6735	https://doi.org/10.32604/cmc.2022.023634
CSE	A. Hyils sharon Magdalene	A Novel Spectrum Decision Pattern For	International Journal of	2021	2249-8958	https://doi.org/10.1007/978-981-16-8987-1_28

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		The Favorable Cognitive Radio Based Internet Of Things In 5g System	Engineering and Advanced Technology (IJEAT),			
CSE	Dr. Sudhakar Sengan	Proportional Fairness Based Energy Efficient Routing in Wireless Sensor Network	Computer Systems Science and Engineering, Tech Science Press	2021	0267-6192	https://doi.org/10.1007/978-981-16-8987-1_12
CSE	Dr. Sudhakar Sengan	Analyzing the Impact of Lockdown in Controlling COVID-19 Spread and Future Prediction	CMC-Computers, Materials & Continua, Tech Science Press	2021	1546-2218	DOI: 10.1007/978-3-030-97255-4_22
CSE	Dr. Sudhakar Sengan	An Optimized Fuzzy based Ant Colony Algorithm	Computer Systems Science	2021	0267-6192	DOI: 10.4018/IJRQEH.289175

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		for 5G-MANET	and Engineering, Tech Science Press			
CSE	Dr. Sudhakar Sengan	Multilabel Land Cover Aerial Image Classification Using Convolutional Neural Networks	Arabian Journal of Geosciences, Springer,	2021	1866-7538	DOI: 10.4018/IJRQEH.289176
CSE	Dr. Sudhakar Sengan	Certain Investigation of Fake News Detection from Facebook and Twitter using Artificial Intelligence Approach	<u>Wireless Personal Communications, Springer</u>	2021	0929-6212	DOI: 10.4018/IJRQEH.289177
CSE	Dr. Sudhakar Sengan	Securing data in transit using data-in-transit defender architecture for cloud	Springer-Soft Computing	2021	1432-7643	https://doi.org/10.3390/electronics10243079

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		communication				
CSE	Dr. Sudhakar Sengan	Security Aware Routing on Wireless Communication for e-Health Records Monitoring using Machine Learning	International Journal of Reliable and Quality E-Healthcare (IJRQEH), IGI Global	2021	2160-9551	https://doi.org/10.1111/exsy.12899
CSE	Dr. Sudhakar Sengan	Secured and Privacy based IDS for Healthcare Systems on e-Medical Data using Machine Learning Approach	International Journal of Reliable and Quality E-Healthcare (IJRQEH), IGI Global	2021	2160-9551	https://doi.org/10.1155/2021/4136909
CSE	Dr. Sudhakar Sengan	Smart Healthcare Security Device on Medical IoT	International Journal of Reliable	2021	2160-9551	https://doi:10.32604/csse.2022.021997

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		using Raspberry Pi	e and Quality E-Healthcare (IJRQEH), IGI Global			
CSE	Dr. Sudhakar Sengan	Emotional intelligence for board capital on technological innovation performance of high-tech enterprises	Elsevier- Aggression and Violent Behavior	2021	1359-1789	https://doi:10.32604/cmc.2022.020059
CSE	Dr. Sudhakar Sengan	Detection of false data cyber-attacks for the assessment of security in smart grid using deep learning	Elsevier- Computers & Electrical Engineering	2021	0045-7906	https://doi:10.32604/cmc.2022.020213
CSE	Dr. Sudhakar Sengan	An Enhanced Trust-Based Kalman Filter Route Optimization Technique for Wireless	Springer- Wireless Personal Commu	2021	0929-6212	https://doi.org/10.1016/j.seta.2021.101601

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		Sensor Networks	nications			
CSE	Dr. Sudhakar Sengan	Analysing the User Actions and Location for Identifying Online Scam in Internet Banking on Cloud	Springer- Wireless Personal Communications	2021	0929-6212	https://doi:10.32604/csse.2022.019175
CSE	Dr. Sudhakar Sengan	Energy efficient clustering protocol to enhance network lifetime in wireless sensor networks	Tech Science Press- Computers, Materials & Continua	2021	1546-2218	https://doi.org/10.1007/s00500-021-06244-9
CSE	Dr. Sudhakar Sengan	Prewitt Logistic Deep Recurrent Neural Learning for Face Log Detection by Extracting Features from Images	Springer- Arabian Journal for Science and Engineering	2021	2193-567X	https://doi:10.32604/cmc.2022.019221
CSE	Dr. Sudhakar Sengan	A Multi-Stakeholder	Springer-	2021	2193-567X	https://doi.org/10.1007/s10479-021-04235-5

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		Involved Effective E-Waste Management in Manufacturing Recycled Electronic Products Using Game Theory	Arabian Journal for Science and Engineering			
CSE	Dr. Sudhakar Sengan	Dominating set based virtual backbone cluster scheduling for ensuring energy efficiency in asymmetric radio WSN	Springer- Journal of Ambient Intelligence and Humanized Computing	2021	1868-5137	https://doi.org/10.1007/s11277-021-08721-8
CSE	Dr. Sudhakar Sengan	Cost-effective and efficient 3D human model creation and re-identification application	Springer- Multimedia Tools and Applications	2021	1573-7721	https://doi.org/10.1007/s11277-021-08720-9

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		for human digital twins				
CSE	Dr. Sudhakar Sengan	Encrypted Network Traffic Classification and Resource Allocation with Deep Learning in Software Defined Network	Springer- Wireless Personal Communication	2021	0929-6212	https://doi.org/10.1166/jmihi.2021.3737
CSE	Dr. Sudhakar Sengan	Migrating from traditional grid to smart grid in smart cities promoted in developing country	Elsiver- Sustainable Energy Technologies and Assessments	2021	2213-1388	https://doi.org/10.1007/s00500-021-05928-6
CSE	Dr. Sudhakar Sengan	Novel Collision Detection and Avoidance System for Midvehicle Using Offset-Based Curvilinear Motion	Springer- Wireless Personal Communication	2021	0929-6212	https://doi.org/10.1016/j.avb.2021.101633

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CSE	Dr. Sudhakar Sengan	Modeling and multi-class classification of vibroarthrographic signals via time domain curvilinear divergence random forest	Springer Journal of Ambient Intelligence and Humanized Computing	2021	1868-5137	https://doi.org/10.1016/j.compeleceng.2021.107211
CSE	Dr. Sudhakar Sengan	An educational tool for enhanced mobile e-Learning for technical higher education using mobile devices for augmented reality	Elsevier- Microprocessors and Microsystems	2021	0141-9331	https://doi.org/10.1007/s11277-021-08578-x
CSE	Dr. Sudhakar Sengan	Analysis and design of fuzzy-based manoeuvring model for mid-vehicle collision	Springer- J Ambient Intell Human Comput	2021	1868-5137	https://doi.org/10.1007/s11277-021-08585-y

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		avoidance system				
CSE	Dr. Sudhakar Sengan	Markov mathematical analysis for comprehensive real-time data-driven in healthcare	Mathematics in Engineering, Science and Aerospace (MESA)	2021	2041-3165	https://DOI:10.32604/CMC.2021.015038
CSE	Dr. Sudhakar Sengan	The optimization of reconfigured real-time datasets for improving classification performance of machine learning algorithms	Mathematics in Engineering, Science and Aerospace (MESA)	2021	2041-3165	https://doi.org/10.1007/s11042-021-10842-y
CSE	Dr. Sudhakar Sengan	A Big Data Analytical Approach for Prediction of Cancer Using Modified K-Nearest Neighbour Algorithm	Journal of Medical Imaging and Health Informatics, Americ	2021	2156-7026	https://doi.org/10.1007/s11277-021-08403-5

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			an Scientific Publishers			
CSE	Dr. R. Madhavan, Dr. M. Vargheese, and Dr. I. Ambika	User Facilitation Mechanism For Different Types Of Users	Tierärztliche Praxis	2021	0303-6286	https://doi.org/10.1016/j.seta.2021.101125
CSE	Dr. Sudhakar Sengan	Utilizing Index-Based Periodic High Utility Mining to Study Frequent Itemsets	Arabian Journal for Science and Engineering	2021	2193-567X	https://doi.org/10.1007/s11277-021-08333-2
CSE	Dr. M. Vargheese, Anitha Amaithi Rajan, J. Yamuna Bee, P. kanagalakshmi	Classification Techniques For Predicting Breast Cancer: A Technical Review	Journal of Xidian University	2021	1001-2400	https://doi.org/10.1007/s12652-020-02869-0
CSE	Dr. M. Vargheese	Finger Vein and Iris Pattern Based Authentication System	Journal of Xidian University	2021	1001-2400	https://doi.org/10.1016/j.micpro.2021.104030

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		Extraction and Matching Using Neural Net				
CSE	Dr. Sudhakar Sengan	Certain Investigation of Fake News Detection from Facebook and Twitter Using Artificial Intelligence Approach, , (2021),	<u>Springer - Wireless Personal Communications</u>	2021	https://doi.org/10.1007/s11277-021-08720-9	https://doi.org/10.1007/s12652-020-02737-x
CSE	Dr. Sudhakar Sengan	Biological Feature Selection and Classification Techniques for Intrusion Detection on BAT	<i>Springer - Wireless Personal Communications</i>	2021	https://doi.org/10.1007/s11277-021-08721-8	https://doi.org/10.1166/jctn.2020.9421
CSE	Dr. Sudhakar Sengan	Multilabel land cover aerial image classification using convolutional neural networks	<u>Springer Arabian Journal of Geosciences</u>	2021	Volume 14, Article Number: 1681	

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CSE	Dr. Sudhakar Sengan	Small and medium-sized enterprises' contribution in digital technology	Springer, Annals of Operations Research	2021	https://doi.org/10.1007/s10479-021-04235-5	
CSE	Dr. Sudhakar Sengan	An Optimized Fuzzy Based Ant Colony Algorithm for 5G-MANET.	CMC-Computers, Materials & Continua	2021	Vol. 70, No. 1, 2022, pp: 1069- 1087	
CSE	Dr. Sudhakar Sengan	An integrated approach for sustainable development of wastewater treatment and management system using IoT in smart cities	Springer, Soft Computing	2021	https://doi.org/10.1007/s00500-021-06244-9	DOI: https://doi.org/10.1166/jctn.2020.9426
CSE	Dr. Sudhakar Sengan	Fuzzy Based Ant Colony Optimization Scheduling in	Computer Systems Science		Vol. 40, No. 2, 2022, pp. 581-592	http://www.jetir.org/papers/JETIR2205516.pdf

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		Cloud Computing	and Engineering			
CSE	Dr. Sudhakar Sengan	Investigation on characteristics of Monte Carlo model of single electron transistor using Orthodox Theory	Elsevier, Sustainable Energy Technologies and Assessments		Vol. 48, 2021, 101601	NOT FOUND
CSE	Dr. Sudhakar Sengan	Cloud Security Service for Identifying Unauthorized User Behaviour	CMC-Computers, Materials & Continua		<u>Vol. 70, No. 2, 2022, pp. 2581-2600</u>	DOI: 10.32604/iasc.2023.030948,
CSE	Dr. Sudhakar Sengan	Enhanced Detection of Glaucoma on Ensemble Convolutional Neural Network for Clinical Informatics	CMC-Computers, Materials & Continua		<u>Vol. 70, No. 2, 2022, pp. 2563-2579</u>	
CSE	Dr. Sudhakar Sengan	Proportional Fairness Based	Computer System		Vol.41, No.3, 2022, pp.1071- 1082	<u>DOI: https://doi.org/10.1166/jctn.2020.9426</u>

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		Energy Efficient Routing in Wireless Sensor Network	s Science and Engineering			
CSE	Dr. Sudhakar Sengan	Interactive Middleware Services for Heterogeneous Systems	Computer Systems Science and Engineering		Vol.41, No.3, 2022, pp.1241- 1253	http://www.jetir.org/papers/JETIR2205516.pdf
CSE	Dr. Sudhakar Sengan	A Secure Recommendation System for Providing Context-Aware Physical Activity Classification for Users	Security and Communication Networks		vol. 2021, Article ID 4136909, 15 pages, 2021	NOT FOUND
CSE	Dr. G. Nallasivan	Automatic detection of defects in pre-stressed multi strand wires using hall effect sensor	Journal of Physics : Conference Series		doi:10.1088/ 1742-6596/2054/1/012070	DOI: 10.32604/iasc.2023.030948,

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EEE	V. Jenitha	Arduino based automatic vehicles accident theft system using GPS and GSM	Natural Volatile s & Essential Oils	2021	Vol. 8, No. 4, pp. 1482-1490,	NOT FOUND
EEE	S. Rajasekaran, P. Murugan	Design and Development of Dual Axis Solar Tracking System using Arduino	Natural Volatile s & Essential Oils	2021	Vol. 8, No. 4, pp. 1507-1515	NOT FOUND
EEE	J.Leema Rose	Design and Development of Solar Powered Agriculture Water Pump Irrigation System	Natural Volatile s & Essential Oils	2021	Vol. 8, No. 4, pp. 1516-1526	NOT FOUND
EEE	V.Jenitha	Design and Development of Ultrasonic Bird Repellent in Aviation using Arduino	Natural Volatile s & Essential Oils	2021	Vol. 8, No. 4, pp. 1527-1535	
EEE	A.Bhuvanesh	Design and Implementat	Natural Volatile	2021	Vol. 8, No. 4, pp. 1536-1550	DOI: 10.3233/JIFS-221667

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		ion of PLC Controlled Phosphating Bath System to Overcome the Failure of Heaters	s & Essential Oils			
EEE	P.Muthulakshmi	Fault identification and rectification in a wind energy conversion system: A real-time investigation	Natural Volatiles & Essential Oils	2021	Vol. 8, No. 4, pp. 1551-1560	https://doi.org/10.32604/csse.2023.030697
EEE	M.Murugan	Industry 4.0: A real-time implementation of automation and digitalization in an industry	Natural Volatiles & Essential Oils	2021	Vol. 8, No. 4, pp. 1568-1580	https://www.researchgate.net/publication/350088749 Application of interval type-2 fuzzy logic data fusion using multiple sensors to detect wildfire
EEE	J.Leemarose	IoT based automatic water irrigation system for agriculture	Natural Volatiles & Essential Oils	2021	Vol. 8, No. 4, pp. 1581-1586	https://doi.org/10.1080/03772063.2021.1959422

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EEE	S. Amosedinakaran	Scada Based Monitoring and Control of DC Motor	Natural Volatile s & Essential Oils	2021	Vol. 8, No. 4, pp. 1587-1601	https://link.springer.com/article/10.1007/s42835-021-00809-2
EEE	S.Indhumathi	Three phase induction motor monitoring and controlling using IoT	Natural Volatile s & Essential Oils	2021	Vol. 8, No. 4, pp. 1612-1623	https://link.springer.com/article/10.1007/s42835-021-00946-8
EEE	A. Bhuvanesh	Cross-Tier Interference Avoidance Prioritized Dynamic Resource Allocation Algorithm in Coexistence of MTC and LTEA Networks	Natural Volatile s & Essential Oils	2021	Vol. 8, No. 4, pp. 1491-1506	https://www.nveo.org/index.php/journal/article/view/283
EEE	J.Leemarose	Implementat ion of solar power optimizer to enhance output power of a solar PV plant	Natural Volatile s & Essential Oils	2021	Vol. 8, No. 4, pp. 1561-1567	https://www.nveo.org/index.php/journal/article/download/285/258/277

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EEE	V.Jenitha	Speed control of three phase induction motor using Arduino and V/F technique	Natural Volatiles & Essential Oils	2021	Vol. 8, No. 4, pp. 1602-1611	https://www.nveo.org/index.php/journal/article/view/286
EEE	A.Bhuvanesh	Application of multi-objective hybrid artificial bee colony with differential evolution algorithm for optimal placement of microprocessor based FACTS controllers	Microprocessors and Microsystems	2021		https://www.nveo.org/index.php/journal/article/view/288
EEE	S.Amosedinakaran, A.Bhuvanesh	Energy sources expansion planning for a real-world electric utility considering environmental effect	IETE Journal of Research, June 2021	2021		https://www.nveo.org/index.php/journal/article/view/288

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EEE	S.Amosedinakaran, A.Bhuvanesh	Generation expansion planning for a real-world power system: Aiming towards cost and environmental emission minimization by penetrating huge renewable energy sources	Journal of Electrical Engineering & Technology	2021		https://nveo.org/index.php/journal/article/view/291
ECE	Dr.T.Rajesh	Current programmed transfer function model of Luo Converters for Standalone Photovoltaic System	Annals of R.S.C.B	May-1	25 10608-10619	https://www.nveo.org/index.php/journal/article/view/292
MAE	Dr.A.Krishnaraju Mr.V.Ramkumar	PLC Based Automated Drilling Machine	IJSRST	2021	09/ 789-793	https://www.nveo.org/index.php/journal/article/download/293/266/285

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MAE	Mr.K.SaravanaKarthikeyan Dr.V.Manikandan	Robotic Vehicle for Material Handling System in Tire Manufacturing Industry	IJSRST	2021	09/ 765-771	https://www.nveo.org/index.php/journal/article/download/295/268/287
MAE	Mr.S.R.Stalin Mr.V.Ramkumar	Design of Two Speed Gearbox for CNC Lathe	IJSRST	2021	9 / 760-764	https://www.nveo.org/index.php/journal/article/view/284
MAE	Mr.Michael Simon Mr.V.Ramkumar	Design of Piezoelectric Car	IJSRST	2021	9 / 772-782	https://www.nveo.org/index.php/journal/article/download/290/263/282
MAE	Mr.V.Ramkumar Mr.S.R.Stalin	Analysis of Two Speed Gearbox for CNC Lathe Using Ansys v16.0 Software	IJSRST	2021	9/ 783-788	https://www.nveo.org/index.php/journal/article/download/294/267/286
MAE	Mr.K.SaravanaKarthikeyan Mr.V.Ramkumar	Pneumatic Pipe Bending Machine	IJSRST	2021	9/ 812-814	https://link.springer.com/article/10.1007/s40998-022-00480-x
MAE	Dr.V.Manikandan Dr.A.Krishnaraju	Design and Fabrication Of hybrid (Glass/Fibre) Composite Materials	IJSRST	2021	9/ 815-819	https://kalaharijournals.com/resources/IJME_Vol7.1_651.pdf

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MAE	Mr.K.Muthukumar Mr.V.Ramkumar	Automatic Railway Track Crack Detection Using Ultrasonic Sensor and GSM Modem	IJSRST	2021	9 / 803-811	https://www.sciencedirect.com/science/article/pii/S2214785322026451
MAE	Mr.V.Ramkumar Dr.V.Manikandan	Coir Fibre & Glass Fibre Reinforced Epoxy Based Hybrid Composite	IJSRST	2021	9/ 794-802	
MAE	Mr.K.SaravanaKarthikeyan Mr.V.Ramkumar	Design and Simulation of Fly Car Using Creo 7.0 Software	IJSRST	2021	9 / 826-833	https://www.annalsofrscb.ro/index.php/journal/article/view/7466
MAE	Mr.V.Ramkumar Dr.V.Manikandan	Biochar Composite	IJSRST	2021	9/ 845 -854	https://doi.org/10.1063/5.0071561
MAE	Mr.K.SaravanaKarthikeyan Mr.V.Ramkumar	CAD Modelling of Lubrication Oil Cooling System	IJSRST	2021	9 / 834-844	https://ieeexplore.ieee.org/document/9835726/
Mech	M. Vijayakumar, K. Arun Prasath,	Thermal performance of a double-glazed window integrated	Materials Today Proceeding	2021	DOI:10.1016/j.matpr.2021.09.099	https://doi.org/10.30955/gnj.004413

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		with a phase change material (PCM)				
Mech	M. Vijayakumar,P. Selvakumar	Cryogenic Viscous Pump Analysis based on hemisphere model	IoP Journal of Physics	2021	Doi10.1088/1742-06596/2054/1/012068	https://doi.org/10.1016/j.eswa.2022.116544
Mech	M. Vijayakumar,P. Selvakumar	Cryogen free cryostat	IoP Journal of Physics	2021	Doi10.1088/1742-6596/2054/1/012069	https://doi.org/10.1109/JSEN.2022.3184423
Mech	Dr M Vijayakumar, K.Arunprasath	Dynamic mechanical analysis performance of pure 3D printed polylactic acid (PLA) acylonitrile butadiene styrene (ABS)	Materials Today Proceeding	2021	https://doi.org/10.1016/j.matpr.2021.09.113	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs220296
Mech	Dr M Vijayakumar, Dr. V. Manikandan	Optimizing GMAW parameters to achieve high impact strength of	Materials Today Proceeding	2021	https://doi.org/10.1016/j.matpr.2021.06.137	https://doi.org/10.1142/S0218126622502267

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		the dissimilar welded joints using Taguchi approach				
Mech	M Vijayakumar, P. Selvakumar, K. Arunprasath, V. Mankandan, S. Paramsivan	Study of Molecular Level Behaviour of Semiconductor or Composites through Quantum Mechanics	Materials Today Proceeding	2021	https://doi.org/10.1016/j.matpr.2021.09.394	https://doi.org/10.1063/5.0070805
Mech	K. Arunprasath	Tribological Properties of filler and green filler reinforced polymer composites	Materials Today Proceeding	2021	https://doi.org/10.1016/j.matpr.2021.09.414	https://aip.scitation.org/doi/pdf/10.1063/5.0070810