



# CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

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## 3.3.1 Links to the papers published in journals listed in UGC CARE list during last 5 Years 2022

S. No	Name of Teacher	Name of the Journal	Title of the paper	Link
1	Pandiaraj A., Sundar C., Pavalajaran S.	Emerald insight	Sentiment analysis on newspaper article reviews: contribution towards improved rider optimization-based hybrid classifier	<a href="https://www.emerald.com/insight/content/doi/10.1108/K-08-2020-0512/full/html?utm_campaign=Emerald_Engineering_PV_Dec22_RoN">https://www.emerald.com/insight/content/doi/10.1108/K-08-2020-0512/full/html?utm_campaign=Emerald_Engineering_PV_Dec22_RoN</a>
2	Ramya Patturajan, S.Venkatesh Babu, G. Venkatesan.	ieeexplore	Modified U Net Based Learning Model for Semi Supervised Medical Image Segmentation	<a href="https://www.researchgate.net/profile/Ramya-Patturajan/publication/368855659_Modified_U_Net_Based_Learning_Model_for_Semi_Supervised_Medical_Image_Segmentation/links/647078a96fb1d1682b0af306/Modified-U-Net-Based-Learning-Model-for-Semi-Supervised-Medical-Image-Segmentation.pdf">https://www.researchgate.net/profile/Ramya-Patturajan/publication/368855659_Modified_U_Net_Based_Learning_Model_for_Semi_Supervised_Medical_Image_Segmentation/links/647078a96fb1d1682b0af306/Modified-U-Net-Based-Learning-Model-for-Semi-Supervised-Medical-Image-Segmentation.pdf</a>
3	S. Venkatesh Babu, P. Ramya, Jeffin Gracewell	Hindawi	Content Deduplication with Granularity Tweak Based on Base and Deviation for Large Text Dataset	<a href="https://www.hindawi.com/journals/sp/2022/9515181/">https://www.hindawi.com/journals/sp/2022/9515181/</a>
4	Mr.M.Shanmugaprabu	Physica B: Physics of Condensed Matter	Highly efficient photocatalytic activity of visible-light-driven Mn <sub>2</sub> O <sub>3</sub> /WO <sub>3</sub> nanocomposite	<a href="https://doi.org/10.1016/j.physb.2022.414282">https://doi.org/10.1016/j.physb.2022.414282</a>
5	T. Chitra, Chitradevi M, C. Sundar	STM JOURNALS	Health Monitoring IoT Based Virus Fever Detection System Using Non Inversive Method	<a href="https://engineeringjournals.stmjournals.in/index.php/RT_ECS/article/view/6695">https://engineeringjournals.stmjournals.in/index.php/RT_ECS/article/view/6695</a>
6	T. Chitra, S. Gopalakrishnan, Kavitha Rani Balmuri, S. Sathees Babu, G. Vinoda Reddy, D. Hemanand	INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING (SCOPUS)	An Intelligent Intrusion Detection and Classification System using CSGO-LSVM Model for Wireless Sensor Networks (WSNs)	<a href="https://ijisae.org/index.php/IJISAE/article/view/2167">https://ijisae.org/index.php/IJISAE/article/view/2167</a>
7	T. Chitra, S Manthandi Periannasamy, N.C Senthilkumar, R Arun Prasath, C Senthilkumar, S Gopalakrishnan	INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS	Performance analysis of multicast routing using multi agent zone based mechanism in MANET	<a href="https://ijnaa.semnan.ac.ir/article_5641.html">https://ijnaa.semnan.ac.ir/article_5641.html</a>

  
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		(SCOPUS INDEXED)		
8	T.Chitra, Dr.T.Sundar, S.Gopalakrishnan	INTERNATIONAL JOURNAL OF NONLINEAR ANALYSIS AND APPLICATIONS (SCOPUS INDEXED)	Investigation and Classification of Chronic Wound Tissue images Using Random Forest Algorithm (RF)	<a href="https://ijnaa.semnan.ac.ir/article_5554.html">https://ijnaa.semnan.ac.ir/article_5554.html</a>
9	Dr.P.Paramasivan	International Journal of Creative Research Thoughts	HARMONICS MITIGATION IN THREE PHASE ADJUSTABLE SPEED DRIVE USING HINFINITY CONTROLLER	<a href="https://ijcrt.org/papers/IJCR T2109335.pdf">https://ijcrt.org/papers/IJCR T2109335.pdf</a>
10	Dr.P.Paramasivan	Journal of Emerging Technologies and Innovative Research	FAULT IDENTIFICATION OF DC –BUS GRID SYSTEM WITH ACTIVE CLAMPING DUAL FLYBACK CONVERTER PROTECTION	<a href="https://www.jetir.org/papers/JETIR2208028.pdf">https://www.jetir.org/papers/JETIR2208028.pdf</a>

**2021**

S. No	Name of Teacher	Name of the Journal	Title of the paper	Link
1	P.Manivel, R.Tharani	JETIR	Experimental Investigation of Bricks Made With Eco Sand and Foundry Sand, With Fly Ash Replacement for Part of the Cement	<a href="https://www.jetir.org/view?paper=JETIR2109236">https://www.jetir.org/view?paper=JETIR2109236</a>
2	P.Manivel, R.Tharani, A.Kanagavalli	JETIR	Experimental Investigation on Reinforcement Corrosion in Bacterial Concrete Using Impressed Current Technique Method	<a href="https://www.jetir.org/view?paper=JETIR2110218">https://www.jetir.org/view?paper=JETIR2110218</a>
3	R. Abiraami a, R. Anuradha b, V. Johnpaul c, M. Guruprasad d, R. Gobinat e, A. Sivakrishna d, S. Shrihari f	ScienceDirect	Mechanical and flexural behaviour study on fibrillated concrete as partial replacement of M-Sand and metakaolin	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2214785320372230">https://www.sciencedirect.com/science/article/abs/pii/S2214785320372230</a>
4	T.Chitra, Dr.C.Sundar, Dr.Suma Sira Jacob, Dr.Lijo Jacob Varghese, Dr.P.Tharcis	JOURNAL OF CRITICAL REVIEWS (SCOPUS)	Sub-tree Complex Metrics Computed Dissemination Protocol for VANET	<a href="https://www.icreview.com/admin/Uploads/Files/61cad874e1a1f5.51346495.pdf">https://www.icreview.com/admin/Uploads/Files/61cad874e1a1f5.51346495.pdf</a>
5	T.Chitra, Gopalakrishnan Subburayalu, Hemanand Duraivelu, Arun Prasath Raveendran, Rajesh Arunachalam	Journal of Applied Security Research	Cluster Based Malicious Node Detection System for Mobile Ad-Hoc Network Using ANFIS Classifier	<a href="https://www.tandfonline.com/eprint/86ANR3MR6CJAE4FYPSEQ/full?target=10.1080/19361610.2021.2002118">https://www.tandfonline.com/eprint/86ANR3MR6CJAE4FYPSEQ/full?target=10.1080/19361610.2021.2002118</a>
6	T. Chitra, Dr.T.	STM JOURNALS	Optimally Monitoring and	<a href="https://engineeringjournals.">https://engineeringjournals.</a>

  
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	Yasodha		Controlling Smart Crop Security Method Based On Arduino Using IOT	<a href="http://stmjournals.in/index.php/RTSRT/article/view/6138">stmjournals.in/index.php/RTSRT/article/view/6138</a>
7	Dr.B.Prabu	Journal of Natural Fibers	Physical, Chemical, Thermal and Surface Characterization of Cellulose Fibers Derived from Vachellia Nilotica Ssp. Indica Tree Barks	<a href="https://www.tandfonline.com/doi/full/10.1080/15440478.2019.1710650">https://www.tandfonline.com/doi/full/10.1080/15440478.2019.1710650</a>
8	Dr.V.Jeyabalaji	Journal of Natural Fibers	Extraction and Characterization studies of cellulose derived from the Roots of Acalypha Indica L Journal natural fiber	<a href="https://www.tandfonline.com/doi/full/10.1080/15440478.2020.1867942">https://www.tandfonline.com/doi/full/10.1080/15440478.2020.1867942</a>

**2020**

S. No	Name of Teacher	Name of the Journal	Title of the paper	Link
1	S.MEERA, Dr.C.SUNDAR	Journal of Ambient Intelligence and Humanized Computing	Hybrid metaheuristic approach for efficient feature selection methods in big data	<a href="https://link.springer.com/article/10.1007/s12652-019-01656-w">https://link.springer.com/article/10.1007/s12652-019-01656-w</a>
2	P.RAMYA, Dr.C.SUNDAR	Big Data	SecDedoo:Secure Deduplication with Access Control of Big Data in the HDFS/Hadoop Environment	<a href="https://www.liebertpub.com/doi/10.1089/big.2019.0120">https://www.liebertpub.com/doi/10.1089/big.2019.0120</a>
3	V.HEMALATHA, Dr.C.SUNDAR	Journal of Ambient Intelligence and Humanized Computing	Automatic liver cancer detection in abdominal liver images using soft optimization techniques	<a href="https://doi.org/10.1007/s12652-020-01885-4">https://doi.org/10.1007/s12652-020-01885-4</a>
4	Dr.B.Prabu	Journal of Natural Fibers	Characterization Studies of Natural Cellulosic Fibers Extracted from Shwetark Stem, Journal natural fiber	<a href="https://www.tandfonline.com/doi/full/10.1080/15440478.2021.1941482">https://www.tandfonline.com/doi/full/10.1080/15440478.2021.1941482</a>
5	Dr.P. Booma Devi	Mukt Shabd	LOW POWER PROCESSING ELEMENT DESIGN FOR NoC ROUTER	<a href="https://drive.google.com/file/d/1Ge7pDCi3np6taWwX_3aHiRv4TpgZsVWN/view">https://drive.google.com/file/d/1Ge7pDCi3np6taWwX_3aHiRv4TpgZsVWN/view</a>
6	Dr.P. Booma Devi	Mukt Shabd	REVIEW OF STUDIES CARRIED OUT ON GENERATION CAPACITY EXPANSION PLANNING	<a href="https://drive.google.com/file/d/1byxzgO-othN4TRvjR8wPWp9o8L_CO9y8/view">https://drive.google.com/file/d/1byxzgO-othN4TRvjR8wPWp9o8L_CO9y8/view</a>
7	Mrs.L.Sarah Ancelina	International Journal of Scientific Research in Engineering and Management	Reduction of Inter harmonics in PV Systems by Modifying Maximum Power Point Tracking	<a href="http://ijsrem.com/volume-04-issue-04-april2020/">http://ijsrem.com/volume-04-issue-04-april2020/</a>
8		Bioscience	Modeling and Simulation of	<a href="http://bbrc.in/bbrc/wp-">http://bbrc.in/bbrc/wp-</a>

  
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		Biotechnology Research Communications	Luo Converter for Photovoltaic Application	<a href="https://content/uploads/2016/08/Speical-Issue-Volume-13-5-2020.pdf">content/uploads/2016/08/Speical-Issue-Volume-13-5-2020.pdf</a>
9	Dr.P. Booma Devi	Mukt Shabd	Traffic Patterns Analysis in Hybrid NOC Design	<a href="https://drive.google.com/file/d/1BFQmwG3V1crcajX2iNiRCqSy-eo7VluH/view">https://drive.google.com/file/d/1BFQmwG3V1crcajX2iNiRCqSy-eo7VluH/view</a>
10	Dr.P. Booma Devi	Mukt Shabd	Reactive Power Compensation in Wind Farms Using SVC	<a href="https://drive.google.com/file/d/1z23COfV_BuLigO8pT6FmbqTt0mSPDCs/view">https://drive.google.com/file/d/1z23COfV_BuLigO8pT6FmbqTt0mSPDCs/view</a>

## 2019

S. No	Name of Teacher	Name of the Journal	Title of the paper	Link
1	P.G.RAJAN, Dr.C.SUNDAR	Journal of Medical Systems	Brain Tumor Detection and Segmentation by Intensity Adjustment	<a href="https://doi.org/10.1007/s10916-019-1368-4">https://doi.org/10.1007/s10916-019-1368-4</a>

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