



# CHRIST THE KING ENGINEERING COLLEGE

Karamadai, Coimbatore - 641104

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

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### 3.3.1 Number of research papers published per teacher in the Journals notified on UGC CARE list during the last five years

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (DOI) number		
							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
<b>Academic Year 2022-2023</b>									
1	Transfer Learning Based Neural Network for Object Detection	Mr. T.B.Dharmaraj	Computer Science and Engineering	Harbin Engineering University	2023	1006-7043	<a href="https://harbinengineeringjournal.com/index.php/journal">https://harbinengineeringjournal.com/index.php/journal</a>	<a href="https://harbinengineeringjournal.com/index.php/journal/article/view/2132/">https://harbinengineeringjournal.com/index.php/journal/article/view/2132/</a>	Scopus
2	Live Streaming Fisherman Border Security System Using Radio Frequency Technology	Mr. T.B.Dharmaraj	Computer Science and Engineering	Harbin Engineering University	2023	1006-7043	<a href="https://harbinengineeringjournal.com/index.php/journal">https://harbinengineeringjournal.com/index.php/journal</a>	<a href="https://harbinengineeringjournal.com/index.php/journal/article/view/2131">https://harbinengineeringjournal.com/index.php/journal/article/view/2131</a>	Scopus
3	Machine Learning Approach for Brain Tumor Detection	Dr. J. Vimala Ithayan	Computer Science and Engineering	Survey in Fisheries Science	2023	10(4S)793-802	<a href="https://www.sifisheriessciences.com/index.php/journal">https://www.sifisheriessciences.com/index.php/journal</a>	<a href="https://www.sifisheriessciences.com/">Machine Learning Approach for Brain Tumor Detection   Journal of Survey in Fisheries Sciences (sifisheriessciences.com)</a>	Scopus



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4	Artificial Intelligence Based Stock Price Prediction Using Machine Learning	Dr. J. Vimala Ithayan	Computer Science and Engineering	Harbin Engineering University	2023	1006-7043	<a href="https://harbinengineeringjournal.com/index.php/journal">https://harbinengineeringjournal.com/index.php/journal</a>	<a href="https://www.tandfonline.com/doi/abs/10.1080/15325008.2023.2210565">Artificial Intelligence Based Stock Price Prediction Using Machine Learning   Harbin Gongcheng Daxue Xuebao/Journal of Harbin Engineering University (harbinengineeringjournal.com)</a>	Scopus
5	Solar Integrated Cascaded Topology of Multilevel Inverter Using Interval Type-2 Fuzzy Logic Controller	Mr. B. Gopinath	Electrical and Electronics Engineering	Electric Power Components and Systems	2023	1338-1354	<a href="https://www.tandfonline.com/journals/uemp20">https://www.tandfonline.com/journals/uemp20</a>	<a href="https://www.tandfonline.com/doi/abs/10.1080/15325008.2023.2210565">https://www.tandfonline.com/doi/abs/10.1080/15325008.2023.2210565</a>	SCI
6	Solar PV Combined Efficient Torque Control of BLDC Motor Using Salp Swarm Optimization	Mr. B. Gopinath	Electrical and Electronics Engineering	Electric Power Components and Systems	2023	1338-1354	<a href="https://www.tandfonline.com/journals/uemp20">https://www.tandfonline.com/journals/uemp20</a>	<a href="https://www.tandfonline.com/doi/abs/10.1080/15325008.2023.2196679">https://www.tandfonline.com/doi/abs/10.1080/15325008.2023.2196679</a>	SCI



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7	The Role of AI in the Development of Mechanical Engineering	Mr. S.Giridharan	Mechanical Engineering	Journal of Xidian University	2023	417 – 423	<a href="http://www.xidian.edu.cn/journal/">Journal of Xidian University – ISSN No: 1001-2400   UGC CARE GROUP – 2 JOURNAL (Active Journal in Scopus)   Monthly Publishing Journal (xadz kjdx.cn)</a>	<a href="https://ckec.ac.in/N/AAC/C3/KM3.3.1/7.The%20Role%20of%20AI%20in%20the%20Development%20of%20Mechanical%20Engineering.pdf">https://ckec.ac.in/N/AAC/C3/KM3.3.1/7.The Role of AI in the Development of Mechanical Engineering.pdf</a>	Scopus	
<b>Academic Year 2021 - 2022</b>										
1	IoT Based Smart Monitoring and Controlling System for Gas Leakage in Industries	Dr. V. Muralidharan	Electronics and Communication Engineering	SSRG International Journal of Electrical and Electronics Engineering	2022	2348 – 8379	<a href="https://www.internationaljournalssrg.org/IJEEE/index.html">https://www.internationaljournalssrg.org/IJEEE/index.html</a>	<a href="https://www.internationaljournalssrg.org/IJEEE/paper-details?Id=384">https://www.internationaljournalssrg.org/IJEEE/paper-details?Id=384</a>	Scopus	
2	Power flow study of a 3-bus system with distributed generators	Dr. M.ArumugaBabu	Electrical and Electronics Engineering	NeuoQuantology	2022	1303-5150	<a href="https://www.neuroquantology.com/">https://www.neuroquantology.com/</a>	<a href="https://www.neuroquantology.com/PDF/Power%20flow%20study%20of%20a%20power%20system%20with%20distributed%20generators.pdf">Power flow study of a power system with distributed generators   Neuroquantology</a>	SCI	
3	Parametric Optimization on Electro Chemical Machining Process Using PSO Algorithm	Dr. M. Jeyakumar	Mechanical Engineering	Materials Today Proceeding	2022	2214-7853	<a href="https://www.sciencedirect.com/journal/materials-today-proceedings">https://www.sciencedirect.com/journal/materials-today-proceedings</a>	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2214785322022635?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S2214785322022635?via%3Dihub</a>	Scopus	



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4	An Investigation to Estimate the Maximum Yielding Capability of Power for Mini Venturi Wind Turbine in India	Mrs. B.T.Tharanisrisakthi	Electrical and Electronics Engineering	Ecological Engineering & Environmental Technology	2022	2719-7050	<a href="http://www.ecoet.com/">http://www.ecoet.com/</a>	<a href="http://www.ecoet.com/pdf-147150-73761?filename=An%20Investigation%20to.pdf">http://www.ecoet.com/pdf-147150-73761?filename=An%20Investigation%20to.pdf</a>	Scopus
<b>Academic Year 2020 - 2021</b>									
Nil									
<b>Academic Year 2019-2020</b>									
1	Design and implementation of low power and high speed multiplier using quaternary carry look-ahead adder	Dr. V. Muralitharan	Electronics and Communication Engineering	Microprocessors and Microsystems	2020	0141-9331	<a href="https://www.sciencedirect.com/journal/microprocessors-and-microsystems">https://www.sciencedirect.com/journal/microprocessors-and-microsystems</a>	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0141933119307525">https://www.sciencedirect.com/science/article/abs/pii/S0141933119307525</a>	Scopus
<b>Academic Year 2018 - 2019</b>									
Nil									