

3.4.3 Details of research papers per teacher in CARE Journals notified on UGC website during the year

Name of the Author(s)	Department 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
Prof. Suman Sarkar	EEE	A DFT Based Approach for NO ₂ Sensing Using Vander Wall Hetero Monolayer	IETE Journal of Research	March, 2023	0377-2063	https://mjl.clarivate.com/search-results?issn=0377-2063&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Sanjoy Mondal	EE	An improved maximum boost control technique for CDBC-based three-level ZSI	International Journal of Electronics	July, 2023	0020-7217	https://mjl.clarivate.com/search-results?issn=0020-7217&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Saswati Barman	BSH	Three-Input Magnetic Logic Gates Using Magnetic Vortex Transistor	Physica Status Solidi a	September, 2022	1862-6300	https://mjl.clarivate.com/search-results?issn=1862-6300&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Phani Bhushan Ghosh	BSH	A new methodological approach to the establishment of sustainable agricultural ecology in drought vulnerable areas of eastern India.	Ecological Informatics	February, 2023	1574-9541	https://mjl.clarivate.com/search-results?issn=1574-9541&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Samapika Das	BSH	Addiction	International Journal of Creative Research Thoughts	February, 2023	2320-2882	NA

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Prof. Subhajit Adhikari	BSH	An Efficient Image Encryption Method Using Henon-Logistic-Tent Chaotic Pseudo Random Number Sequence	Wireless Personal Communications	April, 2023	0929-6212	https://mjl.clarivate.com/search-results?issn=0929-6212&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Biswadip Basu Mallik	BSH	Arsenic and Copper Contaminant Transport Modelling In Xaysomboun Province, Lao Pdr	Journal of Mathematical Sciences & Computational Mathematics (JMSCM)	April, 2023	2688-8300	NA
Prof. Saswati Barman	BSH	Bias field orientation driven reconfigurable magnonics and magnon–magnon coupling in triangular shaped Ni80Fe20 nanodot arrays	Nanotechnology	January, 2023	0957-4484	https://mjl.clarivate.com/search-results?issn=0957-4484&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Name of the Author(s)	Department 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
Prof. Subarna Datta	BSH	Comprehensive study on the origin of orthorhombic phase stabilization in Gd-doped HfO ₂ and DFT calculations	Physical Chemistry Chemical Physics	July, 2023	1463-9076	https://mjl.clarivate.com/search-results?issn=1463-9076&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Saswati Barman	BSH	Frequency Tunability of Spin-Torque Vortex Oscillator in Permalloy Nanodisks with Modified Material Properties	Physica Status Solidi Rapid Research Letters	April, 2023	1862-6254	https://mjl.clarivate.com/search-results?issn=1862-6254&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Kakoli Dutta	BSH	In Silico Study of Pharmacokinetics of Synthetic Dyes Used in Food and drugs	Journal of Electronics Information Technology Science and Management	August, 2022	0258-7982	NA

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Prof. Abhijit Kargupta	BSH	In Silico Study of Pharmacokinetics of Synthetic Dyes Used in Food and drugs	JEITSM/1305	2022	0258-7982	NA
Prof. Arnab Basu	BSH	Investigation of Magnetocaloric Effect in a New Perovskite Oxide $\text{La}_{0.7-x}\text{Ho}_x\text{Sr}_{0.3}\text{MnO}_3$ ($x=0.2$ and 0.3)	Physics of the Solid State	December, 2022	0367-3294	NA
Prof. Soumyadipta Pal	BSH	Investigation of Magnetocaloric Effect in a New Perovskite Oxide $\text{La}_{0.7-x}\text{Ho}_x\text{Sr}_{0.3}\text{MnO}_3$ ($x=0.2$ and 0.3)	Physics of the Solid State	December, 2022	1726-7498	NA
Prof. Ranabir Banik	BSH	Investigation of the low- and medium-spin level structure in 77As	Physical Review C	June, 2023	2469-9985	https://mjl.clarivate.com/search-results?issn=2469-9985&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Biswadip Basu Mallik	BSH	Mathematical Model of Blood Flow through Capillaries to Study Transport of Nanoparticles Using Power Law Fluid Model	International Journal of Zoological Investigations	November, 2022	2454-3055	https://mjl.clarivate.com/search-results?issn=2454-3055&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Subhajit Adhikari	BSH	Medical Image Encryption Method Using Cubic-Sin-Logistic-Tent Chaotic Pseudo-Random Number Sequence-Based Substitution	SN Computer Science	April, 2023	2661-8907	NA
Prof. Subhamoy Banerjee	BSH	Network pharmacology approach to delineate relationship between type 2 diabetes mellitus and triple negative breast cancer	International Journal of Chemical and Environmental Sciences	September, 2022	687-7939	NA
Prof. Saswati Barman	BSH	Normal modes of coupled magnetic vortices in different configurations and shapes	AIP conference proceedings	September, 2022	1551-7616	NA

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Prof. Ranabir Banik	BSH	Particle identification at VAMOS++ with machine learning techniques	Nuclear Inst. and Methods in Physics Research, B	May, 2023	0168-583X	https://mjl.clarivate.com/search-results?issn=0168-583X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Biswadip Basu Mallik	BSH	Reservoir Enlargement and Energy Production Comparison of Dry, Normal and Wet Year at Nam Sana1 Hydro Power Plant Kasy District, Vientiane Province	Asian Journal of Natural Sciences	May, 2023	2986-2787	NA
Prof. Ranabir Banik	BSH	Search for the origin of wobbling motion in the A ~ 130 region: The case of ^{131}Xe	Physical Review C	June, 2023	2469-9993	https://mjl.clarivate.com/search-results?issn=2469-9985&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Anubhab Ray	BSH	Some Remarks on orthogonality of bounded linear operators-II	Acta Scientiarum Mathematicarum	October, 2022	2064-8316	https://mjl.clarivate.com/search-results?issn=0001-6969&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Subarna Datta	BSH	Study of structural, magnetic and electronic properties of a new offstoichiometric series of full-Heusler alloy $\text{Co}_2\text{Nb}_{1+x}\text{Z}_{1-x}$ (Z = Sn, In, Ga): Ab initio approach	Journal of Alloys and Compounds	April, 2023	0925-8388	https://mjl.clarivate.com/search-results?issn=0925-8388&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Soumyadipta Pal	BSH	Study of structural, magnetic and electronic properties of a new off-stoichiometric series of full-Heusler alloy $\text{Co}_2\text{Nb}_{1+x}\text{Z}_{1-x}$ (Z = Sn, In, Ga): Ab initio approach	Journal of Alloys and Compounds	April, 2023	0925-8388	https://mjl.clarivate.com/search-results?issn=0925-8388&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Biswadip Basu Mallik	BSH	The Calorific Value Experiment of Refuse Derived Fuel by Utilizing Residual Waste to Produce Energy	International Journal of Science and Society	March, 2023	2715-8780	https://mjl.clarivate.com/search-results?issn=1738-1894,0887-0624,2524-7980,1556-7036,2398-4902,2666-7924,2666-352X,2753-1457,2211-467X,2192-0567&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results

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Prof. Soumyadipta Pal	BSH	Theoretical investigations on thermopolarization properties and prediction of giant electrocaloric effect of ferroelectric SnTiO ₃	Ferroelectrics	October, 2022	1563-5112	https://mjl.clarivate.com/search-results?issn=0015-0193&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Saswati Barman	BSH	Thickness-Dependent Reconfigurable Spin-Wave Dynamics in Ni ₈₀ Fe ₂₀ Nanostripe Arrays	Advanced Materials Interfaces	September, 2022	2196-7350	https://mjl.clarivate.com/search-results?issn=2196-7350&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Ranabir Banik	BSH	Timing characteristics of the R13089-100 photomultiplier tube coupled with 1.5"× 1.5" CeBr3 scintillators and its application in lifetime measurements	Journal of Instrumentation	September, 2022	1748-0221	https://mjcl.clarivate.com/search-results?issn=2196-7350&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Kakoli Dutta	BSH	Toxicity, Genotoxicity and Ecotoxicity of Food Colourants Especially Synthetic Dyes and its Metabolites: An in silico Approach	Asian Journal of Chemistry	October, 2022	0975-427X	NA
Prof. Suman Sarkar	ECE	A DFT Based Approach to Sense the SF6 Decomposed Gases Using Ni-doped WS2 Monolayer	IETE Technical Review	November, 2022	0256-4602	https://mjcl.clarivate.com/search-results?issn=0256-4602&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Sayantani Choudhuri	ECE	Impact of EBG on Microstrip Patch Antenna	American Journal of Electronics & Communication	July, 2022	2690-2087	NA
Prof. Arunava Mukhopadhyay	ECE	Impact of EBG on Microstrip Patch Antenna	American Journal of Electronics & Communication	July, 2022	2690-2087	NA
Prof. Samit Karmakar	ECE	Microstructural Characteristics of ECR Plasma Etched and Heat Treated Commercial Copper Foil	Macromolecular Symposia (Wiley-VCH)	February, 2023	1521-3900	NA
Prof. Samit Karmakar	ECE	Crystallinity Study of Cu Thin Film Deposited by Indigenously Developed DC Magnetron Sputtering Setup	Macromolecular Symposia (Wiley-VCH)	February, 2023	1521-3900	NA
Prof. Gobinda Sen	ECE	A wide inter-absorption dual-transmission dual-polarized frequency selective rasorber based on SRRs	Electromagnetics	Sept, 2022	0272-6343	https://mjl.clarivate.com/search-results?issn=0272-6343&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Manas Midya	ECE	Performance Enhancement of a Compact Circularly Polarized Slot Antenna Using Corner Truncation	Progress In Electromagnetics Research C	November, 2021	1937-8718	https://mjl.clarivate.com/search-results?issn=1937-8726&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Manas Midya	ECE	Two-Element Quad-Band MIMO Antenna Employing Meandered Arm Printed Inverted-F Antenna.	Wireless Personal Communications	September, 2021	0929-6212	https://mjl.clarivate.com/search-results?issn=0929-6212&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Sutanu Ghosh	ECE	On Outage Analysis in Overlay CCRN with RF Energy Harvesting and Co-channel Interference.	Wireless Pers Commun	March, 2023	1572-834X	https://mjl.clarivate.com/search-results?issn=0929-6212&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Sutanu Ghosh	ECE	Outage analysis of two-way relaying in SWIPT-enabled CCRN with co-channel interference	Int J Commun Syst.	September, 2023	1074-5351	https://mjl.clarivate.com/search-results?issn=1074-5351&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof.Sutanu Ghosh	ECE	On the Performance Optimization of Two-Way Hybrid VLC/RF-Based IoT System Over Cellular Spectrum	IEEE Internet of Things Journal	November, 2022	2327-4662	https://mjl.clarivate.com/search-results?issn=2327-4662&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Sutanu Ghosh	ECE	Outage Analysis in SWIPT Enabled Cooperative AF/DF Relay Assisted Two-Way Spectrum Sharing Communication	IEEE Transactions on Cognitive Communications and Networking	Sept, 2022	2332-7731	https://mjl.clarivate.com/search-results?issn=2332-7731&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Atanu Panda	ECE	Parameter Estimation and Its Application on Designing Adaptive Nonlinear Model Based Control Schemes for the Time Varying System	Automatic Control and Computer Sciences	Sept, 2022	0146-4116	https://mjl.clarivate.com/search-results?issn=0146-4116&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Atanu Panda	ECE	Disturbance-observer-based finite time sliding mode controller with unmatched uncertainties utilizing improved cubature Kalman filter	Transactions of the Institute of Measurement and Control	January, 2023	0142-3312	https://mjl.clarivate.com/search-results?issn=0142-3312&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Arindam Chakraborty	ECE	Junction temperature management of white pcLED at high temperature industrial ambient under tropical conditions: a simulation-based study	International Journal of Nanoparticles	October, 2022	1753-2515	NA

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Prof. Rijuparna Chakraborty	ECE	A review on propagation-invariant, quasi-propagation-invariant beams and coordinate axicons	Journal of Optics	January, 2023	0974-6900	https://mjl.clarivate.com/search-results?issn=2040-8978&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. G. S. Taki	ECE	COVID-19 prophylactic & management studies based on Electro-Homeopathy	Indian Journal of Traditional Knowledge	October, 2022	0972-5938	https://mjl.clarivate.com/search-results?issn=0972-5938&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Indrajit De	CSE(AIML and CSBS)	Human Posture Recognition by Distribution-aware coordinate representation and Machine Learning	International Journal of Intelligent Systems and Applications in Engineering	April, 2023	2147-6799	https://www.scopus.com/sourceid/21101021990

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Prof. Indrajit De	CSE(AIML and CSBS)	Market-Based Stock Allocation Using a Hybrid Regression Model	Springer nature (SN)-Computer Science	June, 2023	2662-995X	NA
Prof. Rahul Baidya	ME	Time evolution of a Supply Chain Network: kinetic modeling	Physica A: Statistical Mechanics and its Applications	December, 2022	0378-4371	https://mjl.clarivate.com/search-results?issn=0378-4371&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Rahul Baidya	ME	Disposal of hazardous industrial waste in cement kiln – A pilot study of acid tar sludge	Waste Management and Research: The Journal for a sustainable circular economy	March, 2022	0734-242X	https://mjl.clarivate.com/search-results?issn=0734-242X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Dwaipayan De	ME	Study of Machining Characteristics During WEDM of Titanium Matrix Composite	Advances in Modern Machining Processes	December, 2022	2195-4364	<u>NA</u>

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Prof. Dwaipayan De	ME	Machining Characteristics Study of Ti-Al ₂ O ₃ (20 Vol.% of Ti Added as Alumina Fiber into Titanium Matrix) Composite Material While Undergoing WEDM Operation	Industry 4.0 and Advanced Manufacturing	July, 2022	2195-4364	NA
Prof. Bikash Choudhuri	ME	Improvement of microstructure and hardness property of MMA welded ADI workpiece using newly developed electrode	Sadhana-Indian Academy of Sciences	June, 2022	0256-2499	https://mjl.clarivate.com/search-results?issn=0256-2499&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Sandip Kumar Chaudhury	ME	Electro Discharge Machining of Advanced Engineering Ceramics	Advances in Modern Machining Processes	December, 2022	2195-4364	NA
Prof. Joydip Ray	ME	Review on TIG cladding process and its comparative study with laser surface treatment	AIP Conference Proceedings	September, 2022	0094-243X	https://www.scopus.com/sourceid/26916

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Prof. Ishita De	ME	Effect of Dynamic Swiveling Torque and Eccentricity on the Design of Compensator Cylinders for a Variable Displacement Axial Piston Pump–Modelling & Simulation	Jordan Journal of Mechanical and Industrial Engineering	June, 2023	1995-6665	https://mjl.clarivate.com/search-results?issn=1995-6665&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Nirmal Das	CSE(AIML), CSBS	Deep-Fuzz: A synergistic integration of deep learning and fuzzy water flows for fine-grained nuclei segmentation in digital pathology	Plos One	June, 2023	1932-6203	https://mjl.clarivate.com/search-results?issn=1932-6203&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Nirmal Das	CSE(AIML), CSBS	Im2Graph: A Weakly Supervised Approach for Generating Holistic Scene Graphs from Regional Dependencies	MDPI Future Internet	February, 2023	1999-5903	https://mjl.clarivate.com/search-results?issn=1999-5903&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Amartya Mukherjee	CSE(AIML), CSBS	DisastDrone: A Disaster Aware Consumer Internet of Drone Things System in Ultra-Low Latent 6G Network	IEEE Transactions on Consumer Electronics	October, 2022	0098-3063	https://mjl.clarivate.com/search-results?issn=0098-3063&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Amartya Mukherjee	CSE(AIML), CSBS	An intelligent edge enabled 6G-flying ad-hoc network ecosystem for precision agriculture	Expert Systems	July, 2022	0266-4720	https://mjl.clarivate.com/search-results?issn=0266-4720&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Ayan Kumar Panja	CSE(AIML), CSBS	Paving the way with machine learning for seamless indoor–outdoor positioning: A survey	Information Fusion	June, 2023	1566-2535	https://mjl.clarivate.com/search-results?issn=1566-2535&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Prof. Ayan Kumar Panja	CSE(AIML), CSBS	A hybrid tuple selection pipeline for smartphone based Human Activity Recognition	Expert Systems with Applications	May, 2023	0957-4174	https://mjl.clarivate.com/search-results?issn=0957-4174&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Ayan Kumar Panja	CSE(AIML), CSBS	An intelligent edge enabled 6G-flying ad-hoc network ecosystem for precision agriculture	Expert Systems	July, 2022	0266-4720	https://mjl.clarivate.com/search-results?issn=0266-4720&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

3.4.3 Details of research papers per teacher in CARE Journals notified on UGC website during the year

Name of the Author(s)	Department 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
Prof. Ayan Kumar Panja	CSE(AIML), CSBS	FABEL: feature association based ensemble learning for positioning in indoor environment	Multimedia Tools and Applications	February, 2023	1380-7501	https://mjl.clarivate.com/search-results?issn=1380-7501&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Ayan Kumar Panja	CSE(AIML), CSBS	6G Based Green Mobile Edge Computing for Internet of Things (IoT)	Green Mobile Cloud Computing	October, 2022	2192-113X	https://mjl.clarivate.com/search-results?issn=2192-113X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Name of the Author(s)	Department 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
Prof. Ayan Kumar Panja	CSE(AIML), CSBS	Framework for Remote Device Localization and Application Level Visualization for Emergency Service Providers	Adjunct Publication of the 24th International Conference on Human-Computer Interaction with Mobile Devices and Services	September, 2021	NA	NA
Prof. Ayan Kumar Panja	CSE(AIML), CSBS	Survey on inertial sensor-based ILS for smartphone users	CCF Transactions on Pervasive Computing and Interaction	September, 2021	2524-521X	https://mjl.clarivate.com/search-results?issn=2524-521X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

3.4.3 Details of research papers per teacher in CARE Journals notified on UGC website during the year

Name of the Author(s)	Department 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
Prof. Sainik Kumar Mahata	CSE	Simplification of English and Bengali Sentences for Improving Quality of Machine Translation	Neural Processing Letters	February, 2022	1370-4621	https://mjl.clarivate.com/search-results?issn=1370-4621&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Indraneel Mukhopadhyay	CSE	Knowledge, attitude and practice survey towards COVID-19 vaccination: A mediation analysis	Int J Health Plann Manage. 2022	July, 2022	NA	NA
Prof. Indraneel Mukhopadhyay	CSE	When the Going Gets Tough, the Tough Gets Going – A Study on Healthcare, Societal and Financial Challenges Faced by Survivors of COVID-19	Sustainable Marketing and Customer Value	2022	NA	NA

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Name of the Author(s)	Department 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
Prof. Indraneel Mukhopadhyay	CSE	Art of breaking bad news: a qualitative study in Indian healthcare perspective	Indian Journal of Psychiatry	January, 2022	0019-5545	https://mjl.clarivate.com/search-results?issn=0019-5545&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Sukanya Mukherjee	CSE	Exploring Reachability Tree for Non-uniform Cellular Automata Under Open Boundary Conditions.	Journal of Cellular Automata	2023	1557-5969	https://mjl.clarivate.com/search-results?issn=1557-5969&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Name of the Author(s)	Department 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
Prof. Sourav Ghosh	CSE	Fault Detection and Diagnosis of DMFB Using Concurrent Electrodes Actuation	Journal of Electronic Testing: Theory and Applications.	February, 2023	1557-5969	https://mjl.clarivate.com/search-results?issn=0923-8174&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Indraneel Mukhopadhyay	CSE	ConsenTrack—Blockchain Based Framework for Open Banking Consent Data Tracking	Human-Centric Intelligent System	April, 2023	NA	NA
Prof. Atanu Panda	ECE	A model-based tracking control scheme for nonlinear industrial processes involving joint unscented Kalman filter	Journal of Control and Decision	May, 2023	2330-7706	https://mjl.clarivate.com/search-results?issn=2330-7706&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Name of the Author(s)	Department 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
Prof. Sanchita Ghosh	IT	Robotics in Medical Domain: The Future of Surgery, Healthcare and Imaging	Wireless Personal Communications	October, 2023	0929-6212	https://mjl.clarivate.com/search-results?issn=0929-6212&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Sanchita Ghosh	IT	Accuracy Enhancement of Epileptic Seizure Detection: A Deep Learning Approach with Hardware Realization of STFT	Circuits, Systems, and Signal Processing	2022	0278-081X	https://mjl.clarivate.com/search-results?issn=0278-081X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Sanchita Ghosh	IT	3 A comparative study of Li-Fi over Wi-Fi and the application of Li-Fi in the field of augmented reality and virtual reality	Augmented and Virtual Reality in Social Learning	2023	78311098144	NA

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Name of the Author(s)	Department 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
Prof. Susovan Jana	CSE (IOT)	An integrated framework for quality evaluation of fruits and vegetable store located in the supermarket under utopian environment	International Journal of Industrial Engineering: Theory, Applications and Practice	2023	1943-670X	https://mjl.clarivate.com/search-results?issn=1072-4761&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Debashis Jana	EE	Probabilistic Transition-Based Optimal Energy Transaction of a Non-Convex CHP-Microgrid during Generation and Load Uncertainty	Electric Power Components and Systems, Taylor & Francis	2023	1532-5008	https://mjl.clarivate.com/search-results?issn=1532-5008&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Anupam Bhattacharya	MBA	Management Students' Attitude & Perception regarding Online Pedagogy towards Attaining Sustainable Development Goals during Covid-19	NA	2023	NA	NA

3.4.3 Details of research papers per teacher in CARE Journals notified on UGC website during the year

Name of the Author(s)	Department 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
Prof. Sohini Datta	MBA	Students' Perception & Attitude regarding Management Pedagogy in West Bengal: An Online Perspective towards Achieving Sustainable Development Goals during Covid- 19 Pandemic	NA	2023	NA	NA
Prof. Sohini Datta	MBA	Certain Issues & Concerns in Developing Communication Skills Among Students of Management in India: An Empirical Study Pre Pandemic	International Journal of Creative Research Thoughts	2023	2320-2882	NA
Prof. Soumik Gangopadhyay	BBA	Measuring Performance via Efficiency of Educational Institutions	THIRD CONCEPT: An International Journal of Ideas	36(432), February, 2023	0970-7247	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002998
Prof. Soumik Gangopadhyay	BBA	Transitory Perceived Value of Health Risk Since Pandemic	THIRD CONCEPT: An International Journal of Ideas	37(434), April, 2023	0970-7248	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002998

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Name of the Author(s)	Department 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
Prof. Arkaprava Chakrabarty	BBA	The Effectiveness of Measurement of Volatility Through Moving Average Envelope and Bollinger Bands in Stock Price Movements in Indian Market	JIM QUEST - Journal of Management and Technology	2(18), December, 2022	0975-6280	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002144
Prof. Arkaprava Chakrabarty	BBA	The Impact of Fibonacci Retracement to Forecast the Support and Resistance of Select Indian Stocks and Indices	THIRD CONCEPT: An International Journal of Ideas	36(432), February, 2023	0970-7247	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002998
Prof. Arindam Roy	BBA	How the Situational Factors Impact the Consumers to Buy Food and Grocery Products Impulsively? A Study Conducted in the Organized Retail Formats of Kolkata	Parikalpana (KIIT Journal Management)	Vol 19.1, June, 2023	ISSN (P) : 0974-2808 ISSN (E) : 2582-4821	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101051772&flag=Search
Prof. Rabin Mazumder	BBA	Transitory Perceived Value of Health Risk Since Pandemic	THIRD CONCEPT: An International Journal of Ideas	37(434), April, 2023	0970-7248	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002998

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Name of the Author(s)	Department 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
Prof. Dipak Saha	BBA	Examining the Ill-Effect of Stigmatization on Disequilibrium of Life During pandemic Along with the Mediating Role of Stress and Social Isolation	Innovations	Number 73 June 2023	NA	NA
Prof. Abhishek Bhattacharya	BCA	Fractal Dimension-Based Infection Detection in Chest X-ray Images	Applied Biochemistry and Biotechnology	Sep, 2022	NA	https://link.springer.com/article/10.1007/s12010-022-04108-y
Prof. Priyanka Das	BCA	Graph based ensemble classification for crime report prediction	Applied Soft Computing	Aug, 2022	NA	Graph based ensemble classification for crime report prediction - ScienceDirect
Prof. Goldina Ghosh	BCA	Biomechanical analysis of the novel S-type dynamic cage by implementation of teaching learning based optimization algorithm - An experimental and finite element study	Medical Engineering & Physics	Feb, 2023	NA	https://www.sciencedirect.com/science/article/abs/pii/S1350453323000073

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Name of the Author(s)	Department 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
Prof. Goldina Ghosh	BCA	OPTIMIZATION OF BONE GRAFT SHAPES OF S-TYPE CERVICAL CAGE THROUGH GENETIC ALGORITHM	International Journal for Multiscale Computational Engineering	NA	NA	OPTIMIZATION OF BONE GRAFT SHAPES OF S-TYPE CERVICAL CAGE THROUGH GENETIC
Prof. Swarnendu Ghosh	CSE(AI&ML)	Im2Graph: A Weakly Supervised Approach for Generating Holistic Scene Graphs from Regional Dependencies	FUTURE INTERNET	Feb, 2023	1999-5903	https://www.mdpi.com/1999-5903/15/2/70/html
Prof. Rajat Shubhra Pal	EE	Investigation on the Stability of an Electric Power Circuit under Ferroresonance Based on Nonlinear Dynamic Model of Transformer	Recent Advances in Electrical & Electronic Engineering	Sep, 2022	NA	NA
Prof. Rajat Shubhra Pal	EE	Verification of Period-Doubling Behavior of Ferroresonance Circuit with the Jacobian Matrix and Eigenvalues	Journal of The Institution of Engineers (India): Series B	Dec, 2022	NA	NA

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Name of the Author(s)	Department 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
Prof. Ranjita Chowdhury	EE	Performance assessment of a distribution system by simultaneous optimal positioning of electric vehicle charging stations and distributed generators	Electric Power Systems Research	Nov, 2022	1873-2046	https://www.sciencedirect.com/science/article/abs/pii/S0378779622009853
Prof. Swagatam Basu	IT	MLWR-2PAKA: A Hybrid Module Learning With Rounding-Based Authenticated Key Agreement Protocol for Two-Party Communication	IEEE Systems Journal	July, 2023	NA	https://ieeexplore.ieee.org/document/10186212/
Prof. Priti Deb	MCA	Fog computing-based beam allocation and co-operative task distribution model for green 5G mobile network	Innovations in Systems and Software Engineering	Oct, 2022	NA	https://link.springer.com/article/10.1007/s11334-022-00487-x
Prof. Priti Deb	MCA	IoBT: beamforming design in internet of things	The Journal of Supercomputing	May, 2023	NA	https://link.springer.com/article/10.1007/s11227-023-05307-y
Prof. Priti Deb	MCA	Sustainable Spectrum Allocation Strategy for 5G Mobile Network	Wireless Personal Communications	Aug, 2022	NA	https://link.springer.com/article/10.1007/s11277-022-09738-3

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Name of the Author(s)	Department 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
Prof. Swati Chowdhuri	EEE	Concentration Level Detection for Left/Right Brain Dominance using Electroencephalogram Signal	Romanian Journal of Information Technology and Automatic Control	2022 (September)	1751-9675	https://mjl.clarivate.com/search-results?issn=1751-9675&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Sreeparna Guha	BBA	Artificial neural network approaches for disaster management: A literature review	International Journal of Disaster Risk Reduction	2022 (August)	1532-9194	https://mjl.clarivate.com/search-results?issn=1532-9194&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Manab Kumar Das	BCA	IoT Enable Intelligent Smart Bin for Garbage Monitoring based on Real-Time Data Analysis	Journal For Research in Applied Science and Engineering Technology	2023-06-05	2321-9653	NA

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Name of the Author(s)	Department 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
Prof. Manab Kumar Das	BCA	Transkrypto: A blockchain based platform for secure & transparent transaction	IJSREM	2023	1545-5971	https://mjl.clarivate.com/search-results?issn=1545-5971&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Prof. Arkaprava Chakrabarty	BBA	The Impact of Fibonacci Retracement to Forecast the Support and Resistance of Select Indian Stocks and Indices	Third Concept – An International Journal of Ideas	February, 2023	0970-7247	NA
Prof. Arkaprava Chakrabarty	BBA	The Effectiveness of Measurement of Volatility Through Moving Average Envelope and Bollinger Bands in Stock Price Movements in Indian Market	JIM QUEST - Journal of Management and Technology	December, 2022	NA	NA
Prof. Arkaprava Chakrabarty	BBA	Will COVID Pandemic Induced Resurge in Immunity Booster Consumption Drive an Unethical Business Practice?	Gerontology & Geriatric Studies	August, 2022	2578-0093	NA

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Name of the Author(s)	Department 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
Prof. Rintu Kumar Gayen	ECE	Global Research Trend on Allergic Skin Disorders: A Bibliometric Analysis from 2001 to 2020	Indian Dermatology online Journal	May 2023	2229-5178	NA
Prof. Mandakinee Bandyopadhyay	EE	Design and Testing of Digital Logic Gates Using HCS Macro-Model	IEEE Trans. Circuits Syst. II Express Briefs	2023	1549-7747	NA
Prof. Ujjal Sur	EE	Dielectric parameter measurement technique for resin impregnated paper insulation	Journal of Instrumentation	January, 2023	1748-0221 (Online)	NA
Prof. Saktipada Nanda	ECE	Improved nursery management enhances post flood survival, productivity and economics of rice (<i>Oryza sativa</i> L.) under flash flood condition	The Pharma Innovation Journal 2022	2022	2277- 7695	NA



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