

## 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1	A Study on the relationship between customer loyalty and customer trust in online shopping	Dr. Rabin Mazumder	Business Administration	International Journal of Online Marketing	2020	2156-1753	<a href="https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000908&amp;flag=Search">https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101000908&amp;flag=Search</a>
2	A proposed health monitoring system using fuzzy inference system	Goldina Ghosh, Sandipan Roy, Ali Merdji	Computer Applications	Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine	2020	0954-4119	<a href="https://www.scopus.com/sourceid/16334">https://www.scopus.com/sourceid/16334</a>
3	High-spin states above the isomers in neutron-rich iodine nuclei near $N=82$	Ranabir Banik	Department of Basic Science and Humanities	Physical Review C	2020	2469-9985	<a href="https://www.scopus.com/sourceid/21100829284">https://www.scopus.com/sourceid/21100829284</a>
4	First Observation of Multiple Transverse Wobbling Bands of Different Kinds in $^{183}\text{Au}$	Ranabir Banik	Department of Basic Science and Humanities	Physical Review Letters	2020	0031-9007	<a href="https://www.scopus.com/sourceid/29150">https://www.scopus.com/sourceid/29150</a>
5	Prompt-delayed gamma-ray spectroscopy of neutron-rich $^{119,121}\text{I}$ isotopes	Ranabir Banik	Department of Basic Science and Humanities	Physical Review C	2020	2469-9985	<a href="https://www.scopus.com/sourceid/21100829284">https://www.scopus.com/sourceid/21100829284</a>
6	Investigation of different possible excitation modes in neutron-rich $^{137}\text{As}$	Ranabir Banik	Department of Basic Science and Humanities	Physical Review C	2020	2469-9985	<a href="https://www.scopus.com/sourceid/21100829284">https://www.scopus.com/sourceid/21100829284</a>
7	Magnetic vortex transistor based tri-state buffer Switch	Saswati Barman	Department of Basic Science and Humanities	Journal of Magnetism and Magnetic Materials	2020	0304-8853	<a href="https://www.scopus.com/sourceid/28526">https://www.scopus.com/sourceid/28526</a>
8	Tunability of Domain Structure and Magnonic Spectra in Antidot Arrays of Heusler Alloy	Saswati Barman	Department of Basic Science and Humanities	Physical Review Applied	2020	2331-7019	<a href="https://www.scopus.com/sourceid/21100431535">https://www.scopus.com/sourceid/21100431535</a>
9	Hybrid mobility aware intelligent load forecasting by Edge enabled Internet of Drone Things for Smart Grid networks	Amartya Mukherjee	Department of Basic Science and Humanities	International Journal of Parallel Programming, Springer	2020	0885-7458	<a href="https://www.scopus.com/sourceid/28325">https://www.scopus.com/sourceid/28325</a>
10	Classification of edge-critical underlying absolute planar cliques for signed graphs	Soumen Nandi	Department of Basic Science and Humanities	Australasian Journal of Combinatorics	2020	1034-4942	<a href="https://www.scopus.com/sourceid/17700155817">https://www.scopus.com/sourceid/17700155817</a>

## 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
11	Efficient algorithm for computing the triangle maximizing the length of its smallest side inside a convex polygon	Soumen Nandi	Department of Basic Science and Humanities	International Journal of Foundation of Computer Science	2020	0129-0541	<a href="https://www.scopus.com/sourceid/4700152641">https://www.scopus.com/sourceid/4700152641</a>
12	Extreme contractions on finite-dimensional polygonal Banach spaces	Anubhab Ray	Department of Basic Science and Humanities	Journal of Operator Theory	2020	1841-7744	<a href="https://www.scopus.com/sourceid/23965">https://www.scopus.com/sourceid/23965</a>
13	Reachability Problem in Non-uniform Cellular Automata	Adak, A., Mukherjee, S., Das, S	Computer Science & Engineering	Information Sciences	2020	0020-0255	<a href="https://www.scopus.com/sourceid/15134">https://www.scopus.com/sourceid/15134</a>
14	Nash Bargaining in Resource Allocation for Cognitive Radio: A Review	Swagata Roy Chatterjee, Sreya Ghosh and Mohaya Chakraborty	Computer Science & Engineering	Wireless Personal Communications, Springer, Scopus, SCIE	2020	0929-6212	<a href="https://www.scopus.com/sourceid/20725">https://www.scopus.com/sourceid/20725</a>
15	An Iterative Power Regulation Technique in Emergency Cognitive Radio Network based on Firefly Algorithm	S. R. Chatterjee, S. Dhabal, S. Chakraborti, and M. Chakraborty,	Computer Science & Engineering	International Journal of Sensors, Wireless Communications and Control, Bentham	2020	2210-3279	<a href="https://www.scopus.com/sourceid/21100817136">https://www.scopus.com/sourceid/21100817136</a>
16	Hardware Design Methodology of Multilayer Feedforward Neural Network for Spectrum Sensing in Cognitive Radio	S. R. Chatterjee, S. Dhabal, J. Chowdhury, and M. Chakraborty	Computer Science & Engineering	International Journal of Wireless and Mobile Computing, Inderscience	2020	1741-1084	<a href="https://www.scopus.com/sourceid/12100154817">https://www.scopus.com/sourceid/12100154817</a>
17	Co-processing of industrial trade rejects in cement plant	Rahul Baidya	Mechanical Engineering	Waste Management & Research	2020	0734-242X	<a href="https://www.scopus.com/sourceid/26492">https://www.scopus.com/sourceid/26492</a>
18	Analysis of heat transfer around bluff bodies with variable inlet turbulent intensity: A numerical simulation	Sudhir Chandra Murmu	Mechanical Engineering	International Communications in Heat and Mass Transfer	2020	0735-1933	<a href="https://www.scopus.com/sourceid/20422">https://www.scopus.com/sourceid/20422</a>
19	Effect of inlet turbulence intensity on transport phenomena over bluff Bodies	Sudhir Chandra Murmu	Mechanical Engineering	International Journal of Fluid Mechanics Research	2020	2152-5110	<a href="https://www.scopus.com/sourceid/20447">https://www.scopus.com/sourceid/20447</a>
20	A De novo approach for automatic volume and mass estimation of fruits and vegetables	Susovan Jana, Ranjan Parekh, Bijan Sarkar	Information Technology	Optik	2020	0030-4026	<a href="https://www.scopus.com/sourceid/110152">https://www.scopus.com/sourceid/110152</a>

## 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
21	Study of nanoparticle as a drug carrier through stenosed arteries using Bernstein polynomials	Avipsita Chatterjee, Satyansaran Changdar, Soumen De	Information Technology	International Journal for Computational Methods in Engineering Science and Mechanics	2020	1550-2287	<a href="https://www.scopus.com/sourceid/4000149405">https://www.scopus.com/sourceid/4000149405</a>
22	An information-theoretic graph-based approach for feature selection	Das, Amit Kumar, Sahil Kumar, Samyak Jain, Saptarsi Goswami, Amlan Chakrabarti and Basabi Chakraborty	Computer Science & Engineering	Sadhana-academy Proceedings in Engineering Sciences	2020	0256-2499	<a href="https://www.scopus.com/sourceid/23531">https://www.scopus.com/sourceid/23531</a>
23	Unsupervised Feature Selection Using Information-Theoretic Graph-Based Approach	Kundu, Sagarika Saroj, Abhirup Das and Amit Kumar Das	Computer Science & Engineering	Studies in Computational Intelligence	2020	1860-9503	<a href="https://www.scopus.com/sourceid/4900152708">https://www.scopus.com/sourceid/4900152708</a>
24	Deep Learning-Based Early Sign Detection Model for Proliferative Diabetic Retinopathy in Neovascularization at the Disc	N. Dutta Roy, A. Biswas	Computer Science & Engineering	Studies in Computational Intelligence	2020	1860-9503	<a href="https://www.scopus.com/sourceid/4900152708">https://www.scopus.com/sourceid/4900152708</a>
25	Reachability Problem in Non-uniform Cellular Automata	Adak, A., Mukherjee, S., Das, S	Computer Science & Engineering	Information Sciences	2020	0020-0255	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0020025520306940">https://www.sciencedirect.com/science/article/abs/pii/S0020025520306940</a>
26	Nash Bargaining in Resource Allocation for Cognitive Radio: A Review	Swagata Roy Chatterjee, Sreya Ghosh and Mohuya Chakraborty	Computer Science & Engineering	Wireless Personal Communications	2020	0929-6212	<a href="https://www.scopus.com/sourceid/20725">https://www.scopus.com/sourceid/20725</a>
27	An Iterative Power Regulation Technique in Emergency Cognitive Radio Network based on Firefly Algorithm	S. R. Chatterjee, S. Dhabal, S. Chakraborti, and M. Chakraborty,	Computer Science & Engineering	International Journal of Sensors, Wireless Communications and Control	2020	2210-3279	<a href="https://www.scopus.com/sourceid/21100817136">https://www.scopus.com/sourceid/21100817136</a>
28	How do users respond to online rumor rebuttals?	Dr. Anjan Pal	Computer Science & Engineering	Computers in Human Behavior.	2020	0747-5632	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0747563219304625?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S0747563219304625?via%3Dihub</a>
29	Deep learning for screening of interstitial lung disease patterns in high-resolution CT images	Dr. Sunita Agarwala	Computer Science & Engineering (AIML),CSBS	Clinical Radiology	2020	0009-9260	<a href="https://www.sciencedirect.com/journal/clinical-radiology">https://www.sciencedirect.com/journal/clinical-radiology</a>
30	EdgeDrone: QoS aware MQTT middleware for mobile edge computing in opportunistic Internet of Drone Things	Amartya Mukherjee	Computer Science & Engineering (AIML),CSBS	Computer Communications	2020	0140-3664	<a href="https://www.sciencedirect.com/journal/computer-communications">https://www.sciencedirect.com/journal/computer-communications</a>

## 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
31	Lightweight Sustainable Intelligent Load Forecasting Platform for Smart Grid Applications	Amartya Mukherjee	Computer Science & Engineering (AIML),CSBS	Sustainable Computing: Informatics and Systems	2020	2210-5379	<a href="https://www.sciencedirect.com/journal/sustainable-computing-informatics-and-systems">https://www.sciencedirect.com/journal/sustainable-computing-informatics-and-systems</a>
32	Finding optimal transmission strategy for intra-WBAN communications	Moumita Roy	Computer Science & Engineering (AIML),CSBS	Electronics Letters	2020	0013-5194	<a href="https://www.scopus.com/sourceid/24918">https://www.scopus.com/sourceid/24918</a>
33	Studies on high refractive index amorphous TiO <sub>2</sub> thin film for possible improvement of light extraction efficiency in organic light emitting diodes,	Rajib Ghosh	Electronics & Communication Engineering	Optical Engineering	2021	0091-3286	<a href="https://www.scopus.com/sourceid/12316">https://www.scopus.com/sourceid/12316</a>
34	A two-loop group formation tracking control scheme for networked tri-rotor UAVs using an ARE-based approach.	Atanu Panda	Electronics & Communication Engineering	Asian Journal of Control	2021	1561-8625	<a href="https://www.scopus.com/sourceid/12221">https://www.scopus.com/sourceid/12221</a>
35	On outage analysis of non-linear radio frequency energy harvesting based cooperative communication in cognitive radio network	Sutanu Ghosh	Electronics & Communication Engineering	Telecommunication Systems	2021	1018-4864	<a href="https://www.scopus.com/sourceid/21916">https://www.scopus.com/sourceid/21916</a>
36	On spectrally-efficient device-to-device communication with wireless information and power transfer	Sutanu Ghosh	Electronics & Communication Engineering	Transactions on Emerging Telecommunications Technologies	2021	2161-5748	<a href="https://www.scopus.com/sourceid/21100389313">https://www.scopus.com/sourceid/21100389313</a>
37	Tropospheric Scintillation at -Band Over a Hilly Tropical Region	Tapan Kumar Rana	Electronics & Communication Engineering	Electrical & Electronics Engineering Antennas and Wireless Propagation Letters	2021	1536-1225	<a href="https://www.scopus.com/sourceid/18894">https://www.scopus.com/sourceid/18894</a>
38	Dynamics of cardiovascular muscle using nonlinear symmetric oscillator	Soumendu Bhattacharjee, Aishwarya Banerjee, Swati Chowdhuri, Amit Rakshit, Biswajit Sarkar	Electrical & Electronics Engineering	Journal of Geometry and Symmetry in Physics	2021	1312-5192	<a href="https://www.scopus.com/sourceid/21100223526">https://www.scopus.com/sourceid/21100223526</a>
39	Uncertainty and affluent teenagers' luxury buying-decision: The role of avoidance-related indecisiveness	Dr. Rabin Mazumder	Business Administration	Journal of Retailing and Consumer Services	2021	0969-6989	<a href="https://www.scopus.com/sourceid/22992">https://www.scopus.com/sourceid/22992</a>
40	Pushable chromatic number of graphs with degree constraints	Soumen Nandi	Department of Basic Science and Humanities	Discrete Mathematics	2021	0012-365X	<a href="https://www.scopus.com/sourceid/25892">https://www.scopus.com/sourceid/25892</a>

## 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
41	New lifetime measurement for the 2+1 level in $^{112}\text{Sn}$ by the Doppler-shift attenuation method	Dr. Ranabir Banik	Department of Basic Science and Humanities	Physical Review C	2021	2469-9985	<a href="https://www.scopus.com/sourceid/21100829284">https://www.scopus.com/sourceid/21100829284</a>
42	Shoreline changes and its impact on the mangrove ecosystems of some islands of Indian Sundarbans, North-East coast of India	Phanibhusan Ghosh	Department of Basic Science and Humanities	Journal of Cleaner Production	2021	0959-6526	<a href="https://www.scopus.com/sourceid/19167">https://www.scopus.com/sourceid/19167</a>
43	Assessment of changes in land use, land cover, and land surface temperature in the mangrove forest of Sundarbans, northeast coast of India	Phanibhusan Ghosh	Department of Basic Science and Humanities	Environment Development and Sustainability	2021	1573-2975	<a href="https://www.scopus.com/sourceid/20902">https://www.scopus.com/sourceid/20902</a>
44	Simplified approach of investigation of binding energy for fermionic pairing in two dimensional Fermi liquid type superconducting materials at finite low temperature	Soumyadipta Pal	Department of Basic Science and Humanities	Physica C: Superconductivity and its applications	2021	0921-4534	<a href="https://www.scopus.com/sourceid/29119">https://www.scopus.com/sourceid/29119</a>
45	The resistivity upturn in Ni-Mn-In alloys exhibiting magnetic field induced shift in martensitic transition with and without Co doping	Soumyadipta Pal	Department of Basic Science and Humanities	Journal of Alloys and Compounds	2021	0925-8388	<a href="https://www.scopus.com/sourceid/12325">https://www.scopus.com/sourceid/12325</a>
46	Nanochannels for spin-wave manipulation in Ni80Fe20 nanodot arrays	Saswati Barman	Department of Basic Science and Humanities	Journal of Magnetism and Magnetic Materials	2021	0304-8853	<a href="https://www.scopus.com/sourceid/28526">https://www.scopus.com/sourceid/28526</a>
47	Recent Developments in Preparation and Applications of Metal Organic Framework: A Concise Review	Dr. Chandan Adhikari	Department of Basic Science and Humanities	Asian Journal of Chemistry	2021	0970-7077	<a href="https://www.scopus.com/sourceid/22703">https://www.scopus.com/sourceid/22703</a>
48	Mathematical Modeling of Pulsatile flow of non-Newtonian fluid through a constricted artery	Biswadip Basu Mallik	Department of Basic Science and Humanities	Mathematical Modelling of Engineering Problems(MMEP)	2021	2369-0739	<a href="https://www.scopus.com/sourceid/21100863633">https://www.scopus.com/sourceid/21100863633</a>
49	Time Series Analysis of COVID-19 Data to Study the Effect of Lockdown and Unlock in India	Ayan Kumar Panja	Department of Basic Science and Humanities	Journal of The Institution of Engineers (India): Series B, Springer	2021	2250-2106	<a href="https://www.scopus.com/sourceid/21100831436">https://www.scopus.com/sourceid/21100831436</a>
50	Comparison of Spin-Wave Modes in Connected and Disconnected Artificial Spin Ice Nanostructures Using Brillouin Light Scattering Spectroscopy	Saswati Barman	Department of Basic Science and Humanities	ACS Nano	2021	1936-0851	<a href="https://www.scopus.com/sourceid/11500153511">https://www.scopus.com/sourceid/11500153511</a>

## 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
51	Magnonic Crystals with Complex Geometry	Saswati Barman	Department of Basic Science and Humanities	Phys. Rev B	2021	2469-9950	<a href="https://www.scopus.com/sourceid/21100874236">https://www.scopus.com/sourceid/21100874236</a>
52	Phytoremediation Potential of Elements By Weed Species Around Solid Waste Dumping Ground, Berhampur, West Bengal, India	Phanibhusan Ghosh	Department of Basic Science and Humanities	Pollution Research	2021	0257-8050	<a href="https://www.scopus.com/sourceid/24741">https://www.scopus.com/sourceid/24741</a>
53	Polymer nanoparticles-preparations, applications and future insights: a concise review	Dr. Chandan Adhikari	Department of Basic Science and Humanities	Polymer-Plastics Technology and Materials	2021	2574-089X	<a href="https://www.scopus.com/sourceid/21100921058">https://www.scopus.com/sourceid/21100921058</a>
54	Design And Development Of A Modified De' Saury Bridge Network For Accurate Measurement Of Process Variables By Variable Parameter Transducers And Its Application In Temperature And Level Measurement System	M. Bandyopadhyay, S. Chattopadhyay, S. C. Kolay, N. Mandal	Electrical & Electronics Engineering	Electrical & Electronics Engineering Transactions on Instrumentation and Measurement	2021	0018-9456	<a href="https://www.scopus.com/sourceid/15361">https://www.scopus.com/sourceid/15361</a>
55	Relevant Influence of Semantic Web Framework on Smart E-Learning Environment	Subhabrata Sengupta, Anish Banerjee, Satyajit Chakrabarti	Information Technology	International Journal of Emerging Technologies in Learning	2021	1863-0383	<a href="https://www.scopus.com/sourceid/21100197967">https://www.scopus.com/sourceid/21100197967</a>
56	Analysing the Cloud Efficacy by Fuzzy Logic	Aveek Basu, Dr. Sanchita Ghosh, Dr. Sraboni Dutta	Information Technology	Internal Journal of Business Information Systems	2021	1746-0972	<a href="https://www.scopus.com/sourceid/3900148214">https://www.scopus.com/sourceid/3900148214</a>
57	Unsupervised Learning Based Evaluation of Player Performances	Bose, A., Mitra, S., Ghosh, S., ...Patra, T., Chakrabarti, S.	Information Technology	Innovations in Systems and Software Engineering	2021	1614-5046	<a href="https://www.scopus.com/sourceid/300147006">https://www.scopus.com/sourceid/300147006</a>
58	Challenges Encountered by Healthcare Providers in COVID-19 Times: An Exploratory Study	Mitali Sengupta, Arijit Roy, Arnab Ganguly, Kuldeep Baishya, Satyajit Chakrabarti, Indraneel Mukhopadhyay	Information Technology	Journal of Health Management	2021	0972-0634	<a href="https://www.scopus.com/sourceid/15920">https://www.scopus.com/sourceid/15920</a>
59	Banking Transaction Considerations on Standardized Browser Architecture	Abir Ghosh, Indraneel Mukhopadhyay	Information Technology	Lecture Notes on Data Engineering and Communications Technologies	2021	978-981-33-496-7-4	<a href="https://www.scopus.com/sourceid/21100975545">https://www.scopus.com/sourceid/21100975545</a>
60	Cyber Security Issues in the COVID 19 Times	Moutushi Biswas, Indraneel Mukhopadhyay	Information Technology	Lecture Notes on Data Engineering and Communications Technologies	2021	978-981-33-496-7-4	<a href="https://www.scopus.com/sourceid/21100975545">https://www.scopus.com/sourceid/21100975545</a>

## 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
61	Blockchain-Based Framework for Managing Customer Consent in Open Banking	Indraneel Mukhopadhyay, Abir Ghosh	Information Technology	The "Essence" of Network Security: An End-to-End Panorama. Lecture Notes in Networks and Systems	2021	978-981-15-9316-1	<a href="https://www.scopus.com/sourceid/21100901469">https://www.scopus.com/sourceid/21100901469</a>
62	A Comprehensive Study of Pros and Cons on Implementation of Blockchain for IoT Device Security	Indraneel Mukhopadhyay	Information Technology	The "Essence" of Network Security: An End-to-End Panorama. Lecture Notes in Networks and Systems	2021	978-981-15-9316-1	<a href="https://www.scopus.com/sourceid/21100901469">https://www.scopus.com/sourceid/21100901469</a>
63	Modelling of InAs nanowire and MOSFET under phonon emission and absorption by using NEGF formalism	Kaushik Mazumdar, Subindu Saha, Sk Rejuan Ali	Information Technology	Superlattices and Microstructures	2021	0749-6036	<a href="https://www.sciencedirect.com/journal/superlattices-and-microstructures">https://www.sciencedirect.com/journal/superlattices-and-microstructures</a>
64	Unified by COVID-19 : Healthcare Lessons Learned from USA, China and India	Mitali Sengupta , Arijit Roy , S B Raha, Satyajit Chakrabarti, Indraneel Mukhopadhyay	Information Technology	Journal of the Indian Medical Association	2021	0019-5847	<a href="https://www.scopus.com/sourceid/14672">https://www.scopus.com/sourceid/14672</a>
65	Challenges Encountered by Healthcare Providers in COVID-19 Times: An Exploratory Study	Mitali Sengupta, Arijit Roy, Arnab Ganguly, Kuldeep Baishya, Satyajit Chakrabarti, Indraneel Mukhopadhyay	Information Technology	Journal of Health Management	2021	0972-0634	<a href="https://www.scopus.com/sourceid/15920">https://www.scopus.com/sourceid/15920</a>
66	Solving one-dimensional advection diffusion transport equation by using CDV wavelet basis	Avipsita Chatterjee, MM Panja, U Basu, D Datta, BN Manda	Information Technology	Indian Journal of Pure and Applied Mathematics	2021	0019-5588	<a href="https://www.scopus.com/sourceid/23178">https://www.scopus.com/sourceid/23178</a>
67	Positioning of private label brands of men's apparel against National Brands	Dr. Swati Mukherjee	Business Administration	Journal of Marketing Analytics	2021	2050-3326	<a href="https://www.scopus.com/sourceid/21100834347">https://www.scopus.com/sourceid/21100834347</a>
68	Microstructural Analysis of Copper Foil Etched and Annealed in ECR Plasma Reactor	Samit Karmakar, Soumik Kumar Kundu, G. S. Taki	Electronics & Communication Engineering	Materials Science Forum Trans Tech Publications Ltd.	2021	1662-9752	<a href="https://www.scopus.com/sourceid/28700">https://www.scopus.com/sourceid/28700</a>
69	Studies on Copper Nanometric-Film Deposited by an In-House Developed DC Magnetron Sputtering System	Samit Karmakar, Soumik Kumar Kundu, G. S. Taki	Electronics & Communication Engineering	Materials Science Forum Trans Tech Publications Ltd.	2021	1662-9752	<a href="https://www.scopus.com/sourceid/28700">https://www.scopus.com/sourceid/28700</a>
70	A strong intuitionistic fuzzy feature association map - based feature selection technique for high-dimensional data	Amit Kumar Das, Saptarsi Goswami, Amlan Chakrabarti & Basabi Chakraborti	Computer Science & Engineering	Sadhana journal	2021	0973-7677	<a href="https://www.scopus.com/sourceid/23531">https://www.scopus.com/sourceid/23531</a>

## 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
71	Ensemble Approach for Identifying Medical Concepts with Special Attention to Lexical Scope	Mondal, A. and Das, D.	Computer Science & Engineering	Sadhana journal	2021	0973-7677	<a href="https://www.scopus.com/sourceid/23531">https://www.scopus.com/sourceid/23531</a>
72	Deep Learning based Potential Ligand Prediction Framework for COVID-19 with Drug-Target Interaction Model	S. Majumdar, S. Nandi, S. Ghoshal, B. Ghosh, N. Dutta Roy	Computer Science & Engineering	Cognitive Computation	2021	1866-9956	<a href="https://www.scopus.com/sourceid/19400158515">https://www.scopus.com/sourceid/19400158515</a>
73	A Novel Methodology for Vessel Extraction from Retinal Fundus Image and Detection of Neovascularization	S. Das, N. Dutta Roy, A. Biswas, S. K. Saha	Computer Science & Engineering	Multimedia Tools and Applications	2021	1380-7501	<a href="https://www.scopus.com/sourceid/25627">https://www.scopus.com/sourceid/25627</a>
74	Development of a BCI-based gaming application to enhance cognitive control in psychiatric disorders	S. Dutta, T. Banerjee, N. Dutta Roy, B. Chowdhury, A. Biswas	Computer Science & Engineering	Innovations in Systems and Software Engineering	2021	1614-5054	<a href="https://www.scopus.com/sourceid/300147006">https://www.scopus.com/sourceid/300147006</a>
75	Testing and Diagnosis of Digital Microfluidic Biochips using Multiple Droplets	Sourav Ghosh , Surajit Kumar Roy, Chandan Giri	Computer Science & Engineering	Journal of Electronic Testing: Theory and Applications	2021	0923-8174	<a href="https://www.scopus.com/sourceid/18040">https://www.scopus.com/sourceid/18040</a>
76	Synthesis of Non-uniform Cellular Automata with Large Cycles and Their Application in Pseudo-Random Number Generation	Mukherjee, S., Bhattacharjee, K., Das, S	Computer Science & Engineering	International Journal of Modern Physics C	2021	0217-9792	<a href="https://www.scopus.com/sourceid/28077">https://www.scopus.com/sourceid/28077</a>
77	Reversible Cellular Automata: A Natural Clustering Technique	Prof. Sukanya Mukherjee (CSE)	Computer Science & Engineering	Journal of Cellular Automata	2021	1557-5969	<a href="https://www.scopus.com/sourceid/19700173238">https://www.scopus.com/sourceid/19700173238</a>
78	"This Will Blow Your Mind": Examining the urge to click clickbaits	Dr. Anjan Pal	Computer Science & Engineering	Aslib Journal of Information Management	2021	2050-3806	<a href="https://www.scopus.com/sourceid/21100374356">https://www.scopus.com/sourceid/21100374356</a>
79	Internet users beware, you follow online health rumors (more than counter-rumors) irrespective of risk propensity and prior endorsement	Dr. Anjan Pal	Computer Science & Engineering	Information Technology & People	2021	0959-3845	<a href="https://www.scopus.com/sourceid/130132">https://www.scopus.com/sourceid/130132</a>
80	A Complete Arithmetic Calculator Constructed from Spiking Neural P Systems and its Application to Information Fusion	Dr. Prithwineel Paul	Computer Science & Engineering	International Journal of Neural Systems	2021	0129-0657	<a href="https://www.scopus.com/sourceid/24309">https://www.scopus.com/sourceid/24309</a>



## 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
81	A survey of learning P systems and a Novel Instance	Dr. Prithwineel Paul	Computer Science & Engineering	International Journal of Unconventional Computing	2021	1548-7199	<a href="https://www.scopus.com/sourceid/19700173244">https://www.scopus.com/sourceid/19700173244</a>
82	Dissolved Gas Analysis for Transformer Fault Based on Learning Spiking Neural P System with Belief AdaBoost.	Dr. Prithwineel Paul	Computer Science & Engineering	International Journal of Unconventional Computing	2021	1548-7199	<a href="https://www.scopus.com/sourceid/19700173244">https://www.scopus.com/sourceid/19700173244</a>
83	An Adaptive Optimization Spiking Neural P System for Binary Problems	Dr. Prithwineel Paul	Computer Science & Engineering	International Journal of Neural Systems	2021	0129-0657	<a href="https://www.scopus.com/sourceid/24309">https://www.scopus.com/sourceid/24309</a>
84	Multi-behaviors coordination controller design with enzymatic numerical P systems for robots	Dr. Prithwineel Paul	Computer Science & Engineering	International Journal of Unconventional Computing	2021	1548-7199	<a href="https://www.scopus.com/sourceid/19700173244">https://www.scopus.com/sourceid/19700173244</a>
85	Securing Cloud Virtual Machine Image using Ethereum Blockchain	Srijita Basu	Computer Science & Engineering	International Journal of Information Security and Privacy (IJISP)	2021	1930-1650	<a href="https://www.scopus.com/sourceid/19800188053">https://www.scopus.com/sourceid/19800188053</a>
86	Modified FPred-Apriori: improving function prediction of target proteins from essential neighbours by finding their association with relevant functional groups using Apriori algorithm	Dr. Sovan Saha	Computer Science & Engineering (AIML),CSBS	International Journal of Advanced Intelligence Paradigms	2021	1755-0386	<a href="https://www.scopus.com/sourceid/20400195003">https://www.scopus.com/sourceid/20400195003</a>
87	Detection of spreader nodes in human-SARS-CoV protein-protein interaction network	Dr. Sovan Saha	Computer Science & Engineering (AIML),CSBS	PeerJ	2021	2167-8359	<a href="https://www.scopus.com/sourceid/21100239256">https://www.scopus.com/sourceid/21100239256</a>
88	Drug repurposing for COVID-19 using computational screening: Is Fostamatinib/ R406 a potential candidate?	Dr. Sovan Saha	Computer Science & Engineering (AIML),CSBS	Methods	2021	1046-2023	<a href="https://www.sciencedirect.com/journal/methods">https://www.sciencedirect.com/journal/methods</a>
89	QoS-aware 6G-enabled ultra low latency edge-assisted Internet of Drone Things for real-time stride analysis	Amartya Mukherjee	Computer Science & Engineering (AIML),CSBS	Computer & Electrical Engineering	2021	0045-7906	<a href="https://www.sciencedirect.com/journal/computers-and-electrical-engineering">https://www.sciencedirect.com/journal/computers-and-electrical-engineering</a>
90	iSocialDrone: QoS aware MQTT middleware for social internet of drone things in 6G-SDN slice	Amartya Mukherjee	Computer Science & Engineering (AIML),CSBS	Soft Computing	2021	1433-7479	<a href="https://www.scopus.com/sourceid/28554">https://www.scopus.com/sourceid/28554</a>

## 3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
91	iGridEdgeDrone: Hybrid Mobility Aware Intelligent Load Forecasting by Edge Enabled Internet of Drone Things for Smart Grid Networks	Amartya Mukherjee	Computer Science & Engineering (AIML),CSBS	International Journal of Parallel Programming	2021	1573-7640	<a href="https://www.scopus.com/sourceid/28325">https://www.scopus.com/sourceid/28325</a>
92	Designing GA based effective transmission strategies for intra-WBAN communication	Moumita Roy	Computer Science & Engineering (AIML),CSBS	Biomedical Signal Processing and Control	2021	1746-8094	<a href="https://www.scopus.com/sourceid/4700152237">https://www.scopus.com/sourceid/4700152237</a>
93	An intelligent edge enabled 6G-flying ad-hoc network ecosystem for precision agriculture	Ayan Kumar Panja	Computer Science & Engineering (AIML),CSBS	Journal of Ambient Intelligence and Smart Environments	2021	1876-1372	<a href="https://www.scopus.com/sourceid/19700186867">https://www.scopus.com/sourceid/19700186867</a>
94	Green Approach towards Environment – An Empirical Study	Dr. Sujit Dutta	MBA	Journal of the Social Sciences	July 2020 48(3)	E-ISSN: 0975-8935 P-ISSN: 0253-1097	<a href="https://drive.google.com/file/d/1uLNVMYCbTYqn8Qj8O91GqUv3r8TzGj95/view?usp=sharing">https://drive.google.com/file/d/1uLNVMYCbTYqn8Qj8O91GqUv3r8TzGj95/view?usp=sharing</a>
95	CSR in the Light of COVID Scenario – Some Cases	Dr. Sujit Dutta	MBA	ZENITH International Journal of Multidisciplinary Research,	August (2020), Vol.10 (8),	ISSN 2231-5780	<a href="https://drive.google.com/file/d/1R3d9gtW4CQ2Nar-QpWrxgHT6rahLL-my/view?usp=sharing">https://drive.google.com/file/d/1R3d9gtW4CQ2Nar-QpWrxgHT6rahLL-my/view?usp=sharing</a>
96	Renewable Energy-Energising the Green Future	Dr. Sujit Dutta	MBA	Siddhant- A Journal of Decision Making	2021	ISSN 2231-0649(P); ISSN 2231-0657(O)	<a href="https://drive.google.com/file/d/1T30lqgA3C3XnAoh0SKFA6VihW5BzsrZ/view?usp=sharing">https://drive.google.com/file/d/1T30lqgA3C3XnAoh0SKFA6VihW5BzsrZ/view?usp=sharing</a>