

Publications in Journals during 2020-2021

Sl No.	Title of the Paper	Name of the Author	Title of the Journal	Year of Publication	ISSN	Department of the teacher
1	Sensitivity Enhancement in the Colorimetric/Spectroscopic Determination of Lysozyme Concentration in Nanomolar Level with Colloidal Citrate Capped Au@Ag Core-Shell Nanoparticles, , https://doi.org/10.2174/2210681210999200728114038	Debasish Aich , R. N. Mondal, S. Saha, P. K. Samanta, A. K. Bhunia and T. Kamilya	<i>Nanoscience & Nanotechnology-Asia</i>	2020	Online: 2210-6820 Print: 2210-6812	Physics
2	Inter-band Transition in Citrate Capped Marks Dodecahedral Colloidal Gold Nanoparticles https://doi.org/10.2174/1573413715666191127115509	Debasish Aich , P. K. Samanta, S. Saha and T. Kamilya	<i>Current Naanoscience</i>	2020	Online: 1875-6786 Print: 1573-4137	Physics
3	Synthesis and Characterization of Super Paramagnetic Iron Oxide Nanoparticles https://doi.org/10.2174/2210681208666180910110114	Debasish Aich , P. K. Samanta, S. Saha and T. Kamilya	<i>Nanoscience & Nanotechnology-Asia</i>	2020	Online: 2210-6820 Print: 2210-6812	Physics
4	Dynamics of Binding of Lysozyme with Gold Nanoparticles: Corona Formation and its Correlation with a Naked-Eye-Based Colorimetric Approach https://doi.org/10.1142/S1793292020500083	Debasish Aich , S. Saha, R. N. Mondal and T. Kamilya	Nano	2020	Print: 1793-2920 Online: 1793-7094	Physics
5	Characterization of Particle Growth and Enhancement of Sputtering Yields in a Co-generated Dusty Plasma	J. Pramanik, P. Patra , P.Bandyopadhyay	Journal of Physical Sciences	Oct, 2020	ISSN: 2350-0352 (print)	Physics
6	Oxygen, nitrogen co-doped molybdenum disulphide nanoflowers for an excellent antifungal activity	Parbati Basu , Khushi Mukherjee, Sudipta Khamrui, Subharaj Mukherjee, Maudud Ahmed, Krishnendu Acharya, Debamalya Banerjee, Padinharu M. G. Nambissan and Kuntal Chatterjee	Material Advances (Royal Society of Chemistry)	2020	2633-5409	Physics

7	N,P-dual doped molybdenum disulfide nanosheets for enhanced electrocatalytic hydrogen evolution reaction	Parbati Basu , Arnab Pal, Pijush K Gan, Kuntal Chatterjee	AIP Conference Proceedings	2020	978-0-7354-2025-0	Physics
8	Engineering of layered metal dichalcogenides: introducing imperfections to make it perfect	Parbati Basu and Kuntal Chatterjee	Oxford open material science (Oxford University Press)	2021	2633-6979	Physics
9	COVID-19 outbreak: Migration, effects on society, global environment and prevention	Indranil Chakraborty	Science of the Total Environment; (Elsevier, Scopus indexed)	Aug, 2020	ISSN: 0048-9697	Chemistry
10	Traveller as a risk factor for migration of COVID-19 in India	Indranil Chakraborty	Journal of Transport & Health (Elsevier, Scopus indexed)	Sept, 2020	ISSN: 2214-1405	Chemistry
11	Nutritional potential, health effects and structural diversity of bioactive polysaccharides from <i>Lagenaria siceraria</i> a review	Indranil Chakraborty	Journal of Advanced Scientific Research (UGC care listed)	Aug, 2020	ISSN 0976-9595	Chemistry
12	Structural studies of immunomodulatory (1→3)-, (1→4)-α glucan from an edible mushroom <i>Polyporus gramocephalus</i>	Indranil Chakraborty	International Journal of Biological Macromolecules, (Elsevier, Scopus indexed)	Jan, 2021	0141-8130	Chemistry
13	Biologically active polysaccharide from edible mushrooms: A review	Indranil Chakraborty	International Journal of Biological Macromolecules, (Elsevier, Scopus indexed)	Mar, 2021	0141-8130	Chemistry
14	A review on antiviral and immunomodulatory polysaccharides from Indian medicinal plants, which may be beneficial to COVID-19 infected patients	Indranil Chakraborty	International Journal of Biological Macromolecules. (Elsevier, Scopus indexed),	Jun, 2021	0141-8130	Chemistry

15	প্লাস্টিক দূষণ: মানব সভ্যতার জন্য একটি বড় বিপদ June 2021,135 Special Remembrance Volume 455-465	Indranil Chakraborty	Ebong Mohua 16(UGC Care list I 2021 Approved Journal)	Jun, 2021	--	Chemistry
16	Macrocyclic supported dimetallic lanthanide complexes with slow magnetic relaxation in Dy ₂ analogues (DOI: 10.1039/D0DT02778B)	Kuheli Pramanik , F.-X. Shen, P. Brandão Y.-Q. Zhang, N. C. Jana, X.-Y. Wang and A. Panja	Dalton Transactions	2020	Web: 1477- 9234 Print: 1477- 9226	Chemistry
17	Certain competition graphs based on picture fuzzy environment with application in the education system	Sankar Das , Ganesh Ghorai, Madhumangal Pal	Artificial Intelligence review	Nov, 2020	ISSN: 0269- 2821	Mathematics
18	Genus of graphs under picture fuzzy environment with applications	Sankar Das , Ganesh Ghorai, Madhumangal Pal	Ambient Intelligence and Humanized Computing	Dec, 2020	ISSN: 1868- 5137	Mathematics
19	Decision making under intuitionistic fuzzy metric distances.	K. Bhattacharya , S.K.De	<i>Annals of Optimization Theory and Practice</i>	Nov, 2020	ISSN: 2583- 3666	Mathematics
20	A Robust Two Layer Green Supply Chain Modelling under Performance Based Fuzzy Game Theoretic Approach	K. Bhattacharya , S.K.De	<i>Computers and Industrial Engineering</i>	Nov, 2020	0360-8352	Mathematics
21	Solution of an EPQ Model For Imperfect Production Process under Game And Neutrosophic Fuzzy Approach	Sujit Kumar De, Prasun Kumar Nayak, Anup Khan, Kousik Bhattacharya , Floretin Smarandache	Applied Soft Computing	2020	1568-4946	Mathematics
22	Pollution Sensitive Global Crude Steel Production–Transportation Model under the effect of Corruption Perception	K. Bhattacharya , S.K.De, A. Khan, P.K.Nayak	<i>OPSEARCH.</i>	Dec, 2020	0030-3887	Mathematics
23	A Robust Fuzzy Decision Making on Global Warming	K. Bhattacharya , S.K.De, A. Khan, P.K.Nayak	<i>Journal of Fuzzy Logic and Modeling in Engineering</i>	2020	ISSN: 2666- 2957 (Online) ISSN: 2666- 2949 (Print)	Mathematics
24	A Pollution Sensitive Marxian Production Inventory Model with Deterioration Under Fuzzy System	Sujit Kumar De, Kousik Bhattacharya	Journal Of Optimization Theory and Applications	2021	1573-2878	Mathematics

25	Solution of a Pollution Sensitive Supply Chain Model Under Fuzzy Approximate Reasoning	Sujit Kumar De, Kousik Bhattacharya , Biswajit Roy	International Journal of Intelligent System	2021	1098-111X	Mathematics
26	Three-Echelon Supply Chain Model in An Imperfect Production System with Inspection Error, Learning Effect, And Return Policy Under Fuzzy Environment	Gour Chandra Mahata, Sujit Kumar De, Kousik Bhattacharya , Suman Maity	International Journal of Systems Science: Operations & Logistics	2021	2330-2682	Mathematics
27	Solving An EPQ Model with Doubt Fuzzy Set: A Robust Intelligent Decision-Making Approach	Sujit Kumar De, Biswajit Roy, Kousik Bhattacharya	Knowledge-Based Systems	2021	0950-7051	Mathematics
28	Coupled Dynamics of River Bank Undercut Depth Increment Due To Random Velocity Field	Buddhadeb mondal , Krishnendu barman, sayahnya roy, vikas kumar das,koustav debnath	Environmental Engineering and Management Journal(International)	2021	1582-9596	Mathematics
29	Studies on the length-weight variations of an indigenous edible fish <i>Chela atpar</i> (Hamilton, 1822) collected from freshwater riverine ecosystem of India	Moumita Chakraborty	International Journal of Fisheries and Aquatic Studies	2020	E-ISSN; 2347-5129 P-ISSN; 2394-0505	Zoology
30	A Statistical analysis on Causality Test in India's foreign Market	Subhabrata Chakrabarti	Malaya Journal of Matematik (enlisted in UGC Care list 2020)	2020	2321– 5666 (online)	Economics
31	An Economic perspective of Value in Folk Performing Art.	Bikash Kumar Ghosh	International Journal of Research and Analytical Review	August 2020	23481269	Economics
32	Changing pattern of inequality in the distribution of consumer expenditure in Rural West Bengal (1983_2012)	Sukla Mondal Saha	Vidyasagar University Journal of Economics	2021	09758003	Economics
33	Socio Cultural Status of Purba Batabari, West Bengal: A Geographical Study	K. Moitra Mukul Maity S. Manna	Kala: The Journal of Indian Art History Congress	2021	0975-7945	Geography
34	Nature of Physical Orientation of Purba Batabari, West Bengal: A Geospatial Analysis	K. Moitra Mukul Maity S. Manna	Kala Sarovar	2021	0975-4520	Geography
35	Co-Existence of diabetes and TB among adults in India: a study based on national family health survey data	Apyayee Sil, Dinabandhu Patra , Preeti Dhillon, Padmanesan Narasimhan	Journal of Biosocial Science	Sept 2020	ISSN: 0021-9320 (Print), 1469-	Geography

					7599 (Online)	
36	Urban Sprawl in Midnapore Town: A Geospatial Analysis	Mukul Maity Siba Sankar Sahu	International Journal of Creative Research Thoughts (IJCRT)	2021	2320-2882	Geography
37	A Comprehensive Study on Educational Status of Southern Mouzas of Rigid, Purulia, West Bengal	Mukul Maity Siba Sankar Sahu	International Journal of Current Research (IJCR)	2021	0975-833X	Geography
38	Gitar Bhaktiyog	Amar Adikari	Ebong Mohua	November, 2020	UGC-CARE Approved Listed Journal, Arts & Humanities Group out of 86 pages in 60 & 84	Bengali
39	AN INSIGHT INTO THE RELEVANCE OF INTER - GENERATIONAL SOLIDARITY IN A DIGITALLY CONNECTED WORLD	Soumyabrata Sil	International Journal of Multidisciplinary Educational Research (IJMER)	April, 2021	2277-7881	English
40	Gita and Personality Development	Jagamohan Acharya	Vyasasri Vol. XVI A Bilingual Refereed Research journal of Indology,	01.07.2020	ISSN 2320-2025	Sanskrit
41	Uttararamacharitanusarane Prakritika saundarya	Jagamohan Acharya	Ebong Mauha Vol-127, A UGC-CARE Approved listed Journal	November, 2020	-	Sanskrit

42	Minor Upanishad and forms of Yoga Dr. Jagamohan Acharya	Jagamohan Acharya	Ritaayani Vol.-XVIII, A Refereed Research journal of Sanskrit	December, 2020	ISSN 2278- 0688	Sanskrit
43	Adhunika Samskrita Sahitye prakritih	Jagamohan Acharya	Vyasasri Vol.XVII, A Bilingual Refereed Research journal of Indology	01.01.2021	ISSN 2320- 2025	Sanskrit
44	The System of Tax Collection	Jagamohan Acharya	Vyasasri Vol.XVIII, A Bilingual Refereed Research journal of Indology	30.04.2021	ISSN 2320- 2025	Sanskrit
45	Upeksha ke bawajud Premchand	Pankaj Saha	Lahak	Apr-Dec 2020	2348-2672	Hindi
46	Rona	Pankaj Saha	Nai Dhara	June-July 2020	2348-9758	Hindi
47	Kabir Ke Kavya Mein Jiwan Mulya	Pankaj Saha	Samvadia	July-Sept 2020	2347-5293	Hindi
48	Tere Liye Lakho ke Bol Sahe	Pankaj Saha	Aajkal	Sept 2020	0971-8478	Hindi
49	Viswa Gagan ka Pyara Tara	Pankaj Saha	Susambhavaya	Oct-Dec 2020	2321-3922	Hindi
50	Chammach Mahima	Pankaj Saha	Kaksar	Dec 2020	2456-2211	Hindi
51	Parampita ka Putri Prem	Pankaj Saha	Vyang Yatra	Jan-June 2021	2348-4209	Hindi
52	Sona	Pankaj Saha	Kaksar	Feb 2021	2456-2211	Hindi
53	Hindi Kavita main Basant	Pankaj Saha	Nai Dhara	Feb-Mar 2021	2348-9758	Hindi
54	Aah Aalochak	Pankaj Saha	Chankya Varta	16 th -31 st Mar 2021	2456-1207	Hindi
55	Sahityakar Ban ne ka Dambh	Pankaj Saha	Samay Surabhi Anant	Apr-June 2021	2321-4279	Hindi
56	Majburi ka nam Mahatama Gandhi	Pankaj Saha	Kaksar	May-June 2021	2456-2211	Hindi
57	Sabke Subhchintak Mere Marg Darshak	Pankaj Saha	Hindi Vidyapith Patrika	April-Dec 2021	2348-5019	Hindi

58	Ek Phesbukia ka Khula Patra	Pankaj Saha	Vishwa Gatha	Jan –Mar 2021	2347-8764	Hindi
59	“A Study on the Relationship between Corporate Governance And Financial Performance of IT Companies in India”	Mahadeb Mukhopadhyay	ALSD Student Journal, A journal of Amity Law School , Delhi	2021	ISSN 2249-4421	Commerce
60	“Understanding SEBI Scores and its Efficacy”	Mahadeb Mukhopadhyay	International Journal of Law Management & Humanities, Volume 4, Issue 4,2021	2021	ISSN 2581-5369	Commerce
61	“Effect of Competition Law on SMEs in India”	Mahadeb Mukhopadhyay	International Journal of Law Management & Humanities, Volume 4, Issue 4,2021	2021	ISSN 2581-5369	Commerce