



Journal Publications

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
1	Anti-Leishmanial Effectiveness of Miltefosine-Loaded Mesoporus Zinc Oxide Nanoparticles in Macrophases of Raw 264.7 Cell Lines: An In-Vitro Evauation	Parag Ghosh, Dileep Kumar Bharati, Dibya Das, Subas Chandra Dinda, Anirbandeep Bose	School of Pharmacy	Asian Journalof Pharmacoeceutical and Clinical Research	2025	Online ISSN: 2455-3891 Print ISSN: 0974-2441
2	Design And Validation Of A Combination Of Iso-Sorbide Dinitrate And Hydralazine Hydrochloride As An Rp-Hplc Stability Indicator Method	Sunil Jalalpure, Akash Verma, Preeti Mangala, Monika Das, Priyanka Anand,Uma Shanker Maurya, Bhavik Sharma, Bhaskar Kurangi	School of Pharmacy	Journal of Carcinogenesis	2025	ISSN: 1477-3163
3	Analysis of Yield-contributing Traits in Ash Gourd Using Correlation and Path Coefficient Methods	Mukesh Kumar Bairwa, Amit Dixit, Shampa Purkaystha , Shuvadeep Halder and Poulami Sil	School of Agriculture & Allied Sciences (SAAS)	Journal of Advances in Biology & Biotechnology	2025	ISSN: 2394-1081
4	Human Rights of Senior Citizens: Legal and Social Safeguards in India	Pragya Singh	Department of Law	AD VALOREM, Journal of Law	2025	ISSN : 2348-5485
5	Role Of Law Enforcement Authorities On Cyber Crimes	Pragya Singh	Department of Law	International Journal of Creative Research Thoughts	2025	ISSN 2320 2882
6	Performance of Different Jute (L.) Varieties Corchorus olitoriusBased on Growth and Yield in Coastal Soils of West Bengal	Binita Dey, Pijush Das , Jayeeta Maji and Chandan Sourav Kar	School of Agriculture & Allied Sciences (SAAS)	Indian Journal of Ecology	2025	ISSN- 0304-5250
7	An Insight Investigation on Steady-State Pharmacokinetics of Lobeglitazone-Loaded Dissolving Microneedles in Rats	Sukanta Roy, Dibya Das, Jayanta Kumar Chaudhury, Kamalakanta Ray, Soumik Laha, Subas Chandra Dinda , Anirbandeep Bose	School of Pharmacy	International Journal of Applied Pharmaceutics	2025	ISSN- 0975-7058
8	Enhanced Bioavailability of Lobeglitazone via Dissolving Microneedle Patches in Rats	Sukanta Roy, Balaram Ghosh, Ananya Chandra, Dibya Das, Parag Ghosh, Sangeeta Choudhury, Anirbandeep Bose, Subas Chandra Dinda	School of Pharmacy	International Journal of Applied Pharmaceutics	2025	ISSN- 0975-7058
9	Miltefosine Loaded Mesoporous Zinc Oxide Nanoparticles to Enhance Oral Bioavailability and Safety Profile: A Pretoxicological and Pharmacokinetic Study	Parag Ghosh1, Subas Chandra Dinda, Debajit Dewan, Sukanta Roy, Dibya Das, Sourav Das, Anirbandeep Bose	School of Pharmacy	International Journal of Applied Pharmaceutics	2025	ISSN- 0975-7058
10	Mapping the landscape of consumer emotions in decision making: A systematic literature review	Suhas Mukherjee, Manish Mishra, Archana Sharma, Rashika Singh and Ramya Singh	Management Studies	International Journal of Research in Human Resource Management	2025	E-ISSN: 2663-3361 P-ISSN: 2663-3213
11	Thermodynamic Aspects of Micelle Formation of Ionic Surfactant–Polymer Interactions	C. Santra, T. Banerjee, J. Maity And A. Samanta	Basic Science	Asian Journal of Chemistry	2025	ISSN Online : 0975-427X ISSN Print : 0970-7077
12	Bridging the Awareness Gap: Analyzing Career Cognizance and Aspirational Disparities among Rural Students in Bengal	Suhas Mukherjee, Dr. Mushtaq Ahmad	Management Studies	Rabindra Bharti Patrika	2025	ISSN No: 0975-003
13	Seed protein electrophoresis in plant genetics: Commemorating the pioneering contributions of Prof. Chittaranjan Kole and team to the foundation of plant proteomics	Sarita Pandey, Shalini Tiwari, Poulami Bhattacharjee, Abhishek Anand, Lekha T. Pazhamala, Jeshima K. Yasin, Roshan Kumar Yadav	School of Agriculture & Allied Sciences (SAAS)	The Plant Genome	2025	Online ISSN:1940-3372 Print ISSN:1940-3372
14	A comprehensive review on pigeon pea cultivation in saline region of West Bengal	Rupankar Mallik, Aritra Paul, Abhishek Anand, Poulami Bhattacharjee and Rajat Chatterjee	School of Agriculture & Allied Sciences (SAAS)	International Journal of Advanced Biochemistry Research	2025	ISSN (E): 2617-4707, ISSN (P): 2617-4693
15	Biofertilizers Improve the Productivity and Morphophysiobiochemical Parameters of Dragon Fruit (Hylocereus costaricensis L.) cv. ‘Royal Moroccan Red’	Susmita Dey, Soustav Datta, SkMd Asif, Sarthak Bhattacharya, SupratimSadhu, Amitava Mondal, Ritwika Sen, Tanushree Saha, Pallab Datta, Lamya Ahmed Alkeridis, Laila A. Al-Shuraym, Ahmed Gaber, Akbar Hossain.	School of Agriculture & Allied Sciences (SAAS)	Applied Fruit Science	2025	Electronic ISSN 2948-2631 Print ISSN 2948-2623

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16	Tuning magnetostructural and magnetocaloric properties of MnNiGe alloys through strategic use of self- and dual doping approaches	Sanat Kumar Adhikari , Riya Roy, Sambhu Charan Das, Rosni Roy, Mohamad Numan Sabyasachi Pramanick, Kalyanashis De, Oleh Ivashko, Ann-Christin Dippel , Martin v. Zimmermann, Sudipta Bandyopadhyay, Rajib Mondal and Souvik Chatterjee	Basic Science	Physical Review B	2025	ISSN 2469-9969 (online), 2469-9950 (print)
17	Biofertilizers for Sustainable Agricultural Practice in Crop Production: A Review	Kousik Samanta, Aminul Islam, Madhurima Banik and Shankha Koley	School of Agriculture & Allied Sciences (SAAS)	AGRIVITA Journal of Agricultural Science	2025	ISSN: 0126-0537
18	Comparative Metabolome Profiling of Popular Betel Leaf (Piper Betle L.) Landraces of West Bengal	B. Mondal and S. K. Kothari	School of Agriculture & Allied Sciences (SAAS)	Journal of microbiology, biotechnology and food sciences	2025	ISSN 1338-5178
19	A Hybrid Machine Learning Approach to Power Load Optimization and Emission Reduction in Rural Microgrids	Anirban Maity , Atanu Roy , Sajjan Kumar, Sabyasachi Pramanik , Pulok Pattanayak and Manashi Chakraborty	Computer Science & Engineering	Engineering Proceedings	2025	ISSN / eISSN: 2673-4591
20	Pharmacodynamic Evaluation Of Moxonidine For Immunomodulatory And Anti-Inflammatory Potentials Via NF-Kb Signaling Pathway Modulation	Amit Kumar Tripathi, Krisnendu Das, Kavya Nair, Amol Dagdu Landge, Prem Shankar Gupta, Simranjeet Kaur Lohat, Shahana Jabi, Rachna Dixit	School of Pharmacy	International Journal of Environmental Sciences	2025	ISSN:2229-7359E-ISSN:0976-4402
21	Emerging Technologies in Healthcare Organizations for Quality Patient Care and Safety, Improved Operations, and Technological Sustainability: A Qualitative Study Based on the Design Thinking Approach	P.S.Raychaudhuri , Soumen Mukherjee , Aditi, Mohd Intesar Alam	Department of Health Science (Hospital Management)	International Journal of Medical Science and Health Research	2025	ISSN: 2581-3366
22	Enhancing Patient Admission and Readmission: The Role of Digital Bed Tracking Systems in Modern Healthcare	Dr. Soumen Mukherjee, Mr. Anirban Chakraborty, Mrs. Sangeeta Barua, Manshankar Mitra, Atin Mukherjee, Satadal Mallik	Department of Health Science (Hospital Management)	Journal of Information Systems Engineering and Management	2025	e-ISSN: 2468-4376
23	Development of novel strategies against the against the threats of drug-registrant Escherichia coli an in silico and in vitro investigation	Alakesh Maity , Awantika Das , Ritwik Roy , Moumita Malik , Sharmistha Das , Payel Paul , Ranojit Kumar Sarker , Sarita Sarkar , Anirban Dasgupta , Poulomi Chakraborty , Prosun Tribedi	Department of Biotechnology	3 Biotech	2025	Electronic ISSN 2190-5738
24	Cuminaldehyde synergistically enhances the antimicrobial and antibiofilm potential of gentamicin: A direction towards an effective combination for the control of biofilm-linked threats of Staphylococcus aureus	Ritwik Roy, Awantika Das, Debolina Ganguly, Poulomi Chakraborty, Payel Paul, Sharmistha Das1, Alakesh Maity, Moumita Malik, Prosun Tribedi	Department of Biotechnology	Brazilian Journal of Microbiology	2025	Electronic ISSN 1678-4405 Print ISSN 1517-8382
25	Management of Enterococcus faecalis biofilms: A combinatorial approach with phytochemical	Monikankana Dasgupta, Rupsha Paul, Parichaya Chowdhury, Souvik Mondal, Junaid Ahmed Chandra Mukherjee, Sharmistha Das, Prosun Tribedi	Department of Biotechnology	Brazilian Journal of Microbiology	2025	Electronic ISSN 1678-4405 Print ISSN 1517-8382
26	Harnessing sustainable biochar-based composites for effective PFAS removal from wastewater	Abhishek Kumar, Wasim Akram Shaikh, Hakim Mudasir Maqsood, Sanjai J. Parikh and Jayanta Kumar Biswas	Department of Basic Sciences	Current Opinion in Environmental Science & Health	2025	Online ISSN: 2468-5844
27	Tailoring Exchange Bias in Core-Shell (Ni-NiO) and Inverse Core-Shell (NiO-Ni) Structure	S. Goswami, M. Chakraborty and D. De	Department of Basic Sciences	AIP Coference Proceedings	2025	Online ISSN 1551-7616 Print ISSN 0094-243X
28	Impact of Rotating Arm on Balancing Robot	Dr. Prabin Kumar Jha	Robotics and Automation Engineering	Industrial Engineering Journal	2025	ISSN: 0970-2555
29	Implementation of Solar Energy in Hotels as a Step Towards Sustainable Practices in Kolkata	Mr. Subhranil Chowdhury, Mr. Supratik De	School of Hospitality & Culinary Art	Juni Khyat	2025	ISSN: 2278-4632
30	Exploring the Role of AI in Enhancing Sustainability Initiatives within Hospitality Training and Development	Dr.Atin Das, Dr. Umesh Sharma, Dr. Asif Perwej	School of Hospitality & Culinary Art	Tuijin Jishu/Journal of Propulsion Technology	2025	ISSN: 1001-4055
31	From Awareness to Action: A Predictive Analysis of Green Consumer Preferences in FMCGs in West Bengal	Sagarika Basu , Sweta Rani , Ranojit Kumar Sarker, Dr. Mushtaq Ahmad	Department of Management	Cuestiones de Fisioterapia	2025	ISSN 11358599
32	Using Storytelling as Language Input in Task Based Instruction in ESL Classroom in a Multilingual Setting	Dr. Aliya Halim	Department of English	Fortell	2025	ISSN: Print 2229-6557, Online 23949244

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33	Carbon nanotubes in brain targeted drug delivery: A comprehensive review	Sourav Das, Sukanta Roy, Subhas Chandra Dinda, Anirbandeep Bose, Chinmaya Mahapatra, Biswajit Basu, Bhupendra Prajapati	School of pharmacy	Results in Chemistry	2025	Online ISSN: 2211-7156
34	Cell-Permeable Microprotein from Panax Ginseng Protects Against Doxorubicin-Induced Oxidative Stress and Cardiotoxicity	Bamaprasad Dutta, Shining Loo, Antony Kam, Xiaoliang Wang , Na Wei , Kathy Qian Luo Chuan-Fa Liu 1and James P. Tam	School of pharmacy	Antioxidants	2025	ISSN: 2076-3921
35	Therapeutic approach for triple-negative breast Cancer through poly (ADP-ribose) Polymerase - 1 inhibitors: Current Update	Agnidipta Das, Sudip Kumar Mandal, Swati Arya, Samir Kumar Samanta, Ashok Kumar, Mitali Panchpuri, Hassan Abdel-Gawad, Vagish Dwibedi, Niranjan Das, Sankhadip Bose, Jitendra Gupta, Vikas Jaitak, Santosh Kumar Rath	School of Pharmacy	Bioorganic Chemistry	2025	ISSN: 1090-2120
36	Formulation and Evaluation of Chlorpropamide Immediate Release Tablets by Using Direct Compression Method	Sudipta Modak, Debarati Gupta, Soham Koley, Sudeshna Roy Chowdhury, Shubhrojit Bhattacharjee, Subhajit Sarkar, Ranabir Chanda	School of Pharmacy	J. Exp. Zool. India	2025	ISSN: 0972-0030
37	Design and synthesis of pyridine-based benzamides as potent HDAC3 inhibitors as an armament against breast cancer with in vivo validation	Ambati Himaja, Ganesh Routholla, Tarun Patel, Suvankar Banerjee, Darakhshan Begum, Sanjeev Regula, Sravani Pulya, Swati Biswas, Nilanjan Adhikari, Balaram ghosh	School of Pharmacy	European Journal of Medicinal Chemistry	2025	ISSN: 0223-5234
38	A Comprehensive Review on Solid lipid Nanoparticles for precision targeting in chemotherapeutic delivery	Abhra Das, Pritam Dutta, Isani Dutta, Sumit Prasad Bhakat, Soumik Patra, Himalay De, Soubhik Bhattacharyya, Shirsha Majumdar, Soham Koley	School of Pharmacy	Journal of Neonatal Surgery	2025	ISSN: 2226-0439
39	Analogue-Based Design, Synthesis, and Antimicrobial Study of Aryl and Heteroaryl Sulfonamides as Multi-Targeted Antimicrobial Compounds	Prangya Parimita Pandaa, Manaswini Patrab, Bairagi Charan Mallick, and Abhijit Sahad	School of Pharmacy	Russian Journal of Bioorganic Chemistry	2025	ISSN: 1068-1620
40	Preparation, characterisation, anticancer potential and safety evaluation of a soy lecithin phytosome delivery system loaded with constituents from Barleria lupulina	Sabyasachi Banerjee, Shibangi Mukhopadhyay, Avik Das, Subhasis Banerjee, Sankhadip Bose, Santanu Banerjee, Nicolette Casarcia & Anupam Bishayee	School of Pharmacy	Journal of Microencapsulation	2025	ISSN: 1464-5246
41	Investigation of Analgesic and Anti-inflammatory Activities and Dose Optimization of Quercetin and Its Few Novel Semisynthetic O-methylated Derivatives	Bose A, Bose S, Gupta K, Roychoudhury P K, Mazumder K, Maity S, Banerjee S, Mazumder S	School of Pharmacy	Journal of Chemical Health Risks	2025	ISSN:2251-6719E- ISSN:2251-6727
42	Instant effects of neck met stretching and sustained natural apophyseal glides on pain, craniovertebral angle, and neck range of motion in intense smartphone users; A Pre-Posttest Quasi-Experimental Study	Dr. Pratyush Ghosh (PT), Dr. Raunaque Ara (PT), Dr. Dipak Sharma (PT), Dr. Gourab Jyoti Roy (PT).	Physiotherapy (School of Health Science)	Cuestiones de Fisioterapia	2025	ISSN 11358599
43	Acute oxybenzone exposure induces behavioural, histological and haematological responses in Labeo rohita (Hamilton, 1822) fingerlings	Suman Karmakar, Kuntal Krishana Bera, Sayantan Bhattacharjee, Sutanu Karmakar, Sangram Keshari Rout, Gour Hari Pailan, Bipul Kumar Das	Division of fisheries	Proceedings of the Indian National Science Academy	2025	Electronic ISSN 2454-9983 Print ISSN 0370-0046
44	Histopathological Changes in Teleost Kidney as Indicators of Aetiopathogenic Involvement	T. Bhattacharyya, and A. Bardhan	Division of fisheries	Journal of Environmental Informatics Letters	2025	ISSN:2663-6859E- ISSN:2663-6867
45	An optimal data analytics model for accurate projection of CI engine performance and emission reduction in hybrid fuel mode	Atanu Roy, Sabyasachi Pramanik, Kalyan Mitra, Manashi Chakraborty	School of Maritime Studies	Environment, Development and Sustainability	2025	Electronic ISSN 1573-2975
46	A review of ship emissions impacts on environmental, health, societal impacts and IMO's mitigation policies	Atanu Roy , Manashi Chakraborty	School of Maritime Studies	Regional Studies in Marine Science	2025	Online ISSN: 2352-4855
47	Genetic Association and Characterization of Chilli (Capsicum annum L.) Germplasm for Yield and Its Component Characters	Sudeshna Panja, Sruba Saha and Trisha Manna	Genetics and Plant Breeding (SAAS)	Plant Archives	2025	e-ISSN:2581-6063 (online), ISSN:0972-5210
48	Influence of Pre-harvesting Foliar Spray of Chemicals on Fruit Quality Attributes and Storage Behaviour of Ber Cv. Apple Kul	Sayantan Mondal, Susmita Dey, Soustav Datta, Sarthak Bhattacharya, Supratim Sadhu, Amtava Mondal & Bikash Ghosh	Horticulture (SAAS)	Plant Archives	2025	e-ISSN:2581-6063 (online), ISSN:0972-5210

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49	Cost Analysis and Economic Viability of Battery Powered Weeder	Subhadeep Mukhuty, Shankha Koley, Sushil Kumar Kothari and Pijush Das	Agricultural Engineering (SAAS)	ECOLOGY, ENVIRONMENT AND CONSERVATION	2025	ISSN 0971–765X
50	Cultivated Meat: A Sustainable Alternative to Conventional Protein Source	Boris Huirem, Shuvadeep Halder, Ginnat Sultana, Ishita Saha and Abid Hayat	Food Science (SAAS)	European Journal of Nutrition & Food Safety	2025	ISSN: 2347-5641
51	Modeling and Optimization of a Network of Evacuated Solar Collectors Attached to an Absorption Refrigeration System	Boris Huirem, and Pradeepta Kumar Sahoo	Food Science (SAAS)	Journal of Agricultural Engineering (India)	2025	ISSN: 0256-6524 (Print); 0976- 2418 (online)
52	Detection of zygotic and apomictic embryonic origin in Citrus sinensis Osbeck based on RAPD markers	BIDISHA MONDAL	Biochemistry and Crop Physiology (SAAS)	JOURNAL OF HORTICULTURE AND POSTHARVEST RESEARCH	2025	P-ISSN: 2588-4883 E-ISSN: 2588-6169
53	Agrivoltaics: Dual Use of Land for Energy and Food Sustainability	Islam A, Satapathy KK, Kothari SK, Ghosh B, Koley S	Agriculture Engineering (SAAS)	Nature Environment and Pollution Technology	2025	ISSN: 2395-3454 (Online)
54	Effect of Organic Nutrient Sources and Chemical Fertilizers on Crop Growth and Yield of Sesame (L.) in Sesamum indicum Coastal Saline Zone of West Bengal	S. Goswami, P. Das, R. Mondal and S.C. Ghosh	Agronomy (SAAS)	Indian Journal of Ecology	2025	ISSN: 0304-5250
55	Piperine, a phytochemical prevents the biofilm city of methicillin-resistant Staphylococcus aureus: A biochemical approach to understand the underlying mechanism	Sharmistha Das, Moumita Malik, Debabrata Ghosh Dastidar, Ritwik Roy, Payel Paul, Sarita Sarkar, Poulomi Chakraborty, Alakesh Maity, Monikankana Dasgupta, Anirban Das Gupta, Sudipta Chatterjee, Ranojit Kumar Sarker, Debasish Maiti, Prosun Tribedi	Department of Biotechnology	Microbial Pathogenesis	2024	Online ISSN: 1096-1208 ; Print ISSN: 0882-4010
56	Cuminaldehyde and Tobramycin Forestall the Biofilm Threats of Staphylococcus aureus: A Combinatorial Strategy to Evade the Biofilm Challenges	Ritwik Roy, Payel Paul, Poulomi Chakraborty, Moumita Malik, Sharmistha Das, Sudipta Chatterjee, Alakesh Maity, Monikankana Dasgupta, Ranojit Kumar Sarker, Sarita Sarkar, Anirban Das Gupta & Prosun Tribedi	Department of Biotechnology	Applied Biochemistry and Biotechnology	2024	Electronic ISSN 1559-0291 Print ISSN 0273-2289
57	Application of cuminaldehyde and ciprofloxacin for the effective control of biofilm assembly of Pseudomonas aeruginosa: A combinatorial study	Moumita Malik, Sharmistha Das, Poulomi Chakraborty, Payel Paul, Ritwik Roy, Anirban Das Gupta, Sarita Sarkar, Sudipta Chatterjee, Alakesh Maity, Monikankana Dasgupta, Ranojit Kumar Sarker, Prosun Tribedi	Department of Biotechnology	Microbial Pathogenesis	2024	Online ISSN: 1096-1208 ; Print ISSN: 0882-4010
58	Piperine, a Plant Alkaloid, Exhibits Efficient Disintegration of the Pre-existing Biofilm of Staphylococcus aureus: a Step towards Effective Management of Biofilm Threats	Sharmistha Das · Ritwik Roy · Payel Paul · Poulomi Chakraborty · Sudipta Chatterjee · Moumita Malik · Sarita Sarkar · Anirban Das Gupta · Debasish Maiti · Prosun Tribedi	Department of Biotechnology	Applied Biochemistry and Biotechnology	2024	Electronic ISSN 1559-0291 Print ISSN 0273-2289
59	Cuminaldehyde in Combination with Ciprofloxacin Shows Antibiofilm Activity against Clinical Strains of Pseudomonas aeruginosa: A Study to Explore the Underlying Mechanism	Moumita Malik, Sharmistha Das, Payel Paul, Poulomi Chakraborty, Awantika Das, Ritwik Roy, Sarita Sarkar and Prosun Tribedi	Department of Biotechnology	Journal of Pure and Applied Microbiology (JPAM)	2024	P-ISSN: 0973-7510; E-ISSN: 2581-690X
60	Cuminaldehyde in combination with tetracycline shows promising antibiofilm activity against drug-resistant Pseudomonas aeruginosa	Moumita Malik , Sharmistha Das , Payel Paul , Poulomi Chakraborty , Ritwik Roy , Alakesh Maity , Awantika Das , Monikankana Dasgupta , Saranya Trivedi and Prosun Tribedi	Department of Biotechnology	Biofouling	2024	ISSN : 1029-2454
61	Ethno-Botanical Study of Medicinal Plants from Vidisha, Madhya Pradesh: Methanolic Extracts of Four Species and their Antimicrobial, Anti-Inflammatory and Toxicity Properties	Urvashi Soni, Jitendra Malviya, Diwakar Singh	Department of Biotechnology	Macromolecular Symposia	2024	Online ISSN:1521-3900 Print ISSN:1022-1360
62	Cuminaldehyde and aminoglycoside antibiotic (tobramycin) shows substantial antibiofilm activity against the clinical isolates of methicillin-resistant Staphylococcus aureus (MRSA): A combinatorial investigation	Ritwik Roy, Awantika Das, Prosun Tribedi	Department of Biotechnology	Uddaklak	2024	ISSN : 2320-9275
63	Exhibition of magnetic memory effects and exchange bias in nanocrystalline CoSb2O4	Anupam Banerjee, Manas Kumar Mondal, D. De, S. Goswami, Souvick Das and P. K. Chakrabarti	Department of Basic Science	Journal of Materials Chemistry C	2024	ISSN: 2050-7534
64	Influence of synthesis protocol on structure, magnetic and magnetocaloric properties of ErCrO3	João Carvalho, A. Durairajan, E.Venkata Ramana, Suchandra Goswami, A.A.C.S. Lourenço, M.P.F. Graça, M.A. Valente	Basic Science Department	Inorganic Chemistry Communications	2024	ISSN: 1879-0259

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65	Green Synthesis and DFT study of Nickel Zinc Ferrite Nanoparticles: A Highly Sensitive Room Temperature VOC Sensing Material	Chandra Mukherjee , Subhankar Choudhury, Nabajyoti Baildya, Narendra Nath Ghosh, Debabrata Misra, J. Das	Basic Science	International Journal of Environment, Agriculture and biotechnology	2024	ISSN: 2456-1878
66	Magnetic field induced modification of the incommensurate antiferromagnetic structure of Fe-doped MnNiGe alloys	Riya Roy, Sanat Kumar Adhikari, Sambhu Charan Das, Rosni Roy, Kanai Mondal, Jhuma Sannigrahi , Sabyasachi Pramanick, Kalyanashis De, Dmitry Khalyavin, Devashibhai T. Adroja, Rajib Mondal and Souvik Chatterjee 1	Department of Basic Sciences	Physical Review B	2024	2469-9950 (print ISSN) 2469-9969 (online ISSN)
67	Adsorptive removal of anthracene from water by biochar derived amphiphilic carbon dots decorated with chitosan	Farzad Hashemzadeh, Maede Esmaeili Khoshmardan, Daryoush Sanaei, Mohammad Rezvani Ghalhari, Hamidreza Sharifan, Vassilis J. Inglezakis, Javier A. Arcibar-Orozco, Wasim Akram Shaikh, Eakalak Khan, Jayanta Kumar Biswas	Department of Basic Sciences	Chemosphere	2024	Online ISSN: 1879-1298; Print ISSN: 0045-6535
68	Valorization of invasive plant and leaf litter wastes into biochar: Production, properties and potential for arsenic removal	Abhishek Kumar, Tanushree Bhattacharya, Wasim Akram Shaikh, Jayanta Kumar Biswas	Department of Basic Sciences	Groundwater for Sustainable Development	2024	Online ISSN: 2352-801X
69	Tuning exchange bias in silica-coated Co-CoO core-shell nanostructure	S. Goswami, P. Gupta, S. P. Mahanta, S. Bedanta, S. Goswami, M. Chakraborty & D. De	Department of Basic Sciences	Journal of Nanoparticle Research	2024	Electronic ISSN 1572-896X; Print ISSN 1388-0764
70	A Study on the Coexistence of Anthropogenic and Natural Sources in a Three-Dimensional Aquifer	Samanta, A., Chatterjee, A., & Singh, M. K.	Department of Basic Sciences	Water	2024	ISSN 2073-4441
71	Impact of incomplete martensitic phase transition on the magnetic behavior of Co-doped MnNiGe 1.05 alloys	Riya Roy, Sanat Kumar Adhikari, Sambhu Charan Das, Rosni Roy, Sabyasachi Pramanick, Kalyanashis De, Oleh Ivashko, Ann-Christin Dippel, Martin von Zimmermann , Sudipta Bandyopadhyay, Rajib Mondal, and Souvik Chatterjee	Department of Basic Sciences	Physical Review B	2024	2469-9950 (print ISSN) 2469-9969 (online ISSN)
72	Exploring the impact of Cr-doping on the crystallographic and magnetic structure of Mn5Si3 antiferromagnetic alloy	Sanat Kumar Adhikari, Riya Roy, Mohamad Numan , Ashok Das, Rosni Roy, Sambhu Charan Das , Jhuma Sannigrahi , Sabyasachi Pramanick, Kalyanashis De, Qiang Zhang , Sergiu Levenco, Edmund Welter, Sudipta Bandyopadhyay , Rajib Mondal, and Souvik Chatterjee	Department of Basic Sciences	Physical Review Materials	2024	2475-9953 (online ISSN)
73	Sustainable Soil Management under Drought Stress through Biochar Application: Immobilizing Arsenic, Ameliorating Soil Quality, and Augmenting Plant Growth	Kumar A, Bhattacharya T, Shaikh WA, Roy A	Department of Basic Sciences	Environmental Research	2024	Print ISSN: 0013-9351, Online ISSN: 1096-0953
74	Modeling Saltwater Intrusion into Groundwater Using a Prey–Predator Model	Animesh Samanta, Tapan Chatterjee, Priyanka Mandal, Ayan Chatterjee, Madan Kumar Jha, Mritunjay Kumar Singh	Department of Basic Science	Journal of Hydrologic Engineering	2024	ISSN: 1943-5584
75	A risk assessment framework utilizing bivariate copula for contaminate monitoring in groundwater	A Banerjee, A Chatterjee, A Singh, S Pasupuleti, V Uddameri	Department of Basic Science	Environmental Science and Pollution Research	2024	ISSN: 1614-7499
76	Investigation of groundwater contamination in physical systems mathematically using differential transform method	A Biswas, S Mondal, A Chatterjee	Department of Basic Science	International Journal of Hydrology Science and Technology	2024	ISSN: 2042-7816
77	Exchange interaction in metal oxides core-shell nanoparticles Co3O4–CoO	S Goswami, S Chakravarty, M Chakraborty and D De	Department of Basic Sciences	Indian Journal of Physics	2024	ISSN: 0973-1458/0974-9845
78	WVEHDD: Weighted Voting based Ensemble System for Heart Disease Detection	Usha Rani Gogoi	Computer Science & Engineering	AIUB Journal of Science and Engineering (AJSE)	2024	1608-3679 (Print ISSN) 2520-4890 (Online ISSN)
79	Spider Monkey Optimization with Deep Learning-based Hindi Short Text Sentiment Analysis	Praloy Biswas, A. Daniel, Subhrendu Guha Neogi	Computer Science & Engineering	Journal of Intelligent Systems and Internet of Things	2024	ISSN (Online) 2690-6791 ISSN (Print) 2769-786X
80	Identifying the Most Discriminative Parameter for Water Quality Prediction Using Machine Learning Algorithms	Tapan Chatterjee, Usha Rani Gogoi, Animesh Samanta, Ayan Chatterjee, Mritunjay Kumar Singh and Srinivas Pasupuleti	Computer Science & Engineering	Water	2024	ISSN 2073-4441

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
81	Blockchain-based security framework for mitigating network attacks in multi-SDN controller environment	Ohri, P.,Daniel, A., Neogi, S. G. & Muttoo, S. K.	Computer Science & Engineering	International Journal of Information Technology	2024	e-ISSN 2511-2112
82	Efficient Adaptive Graph Velocity based Sliding mode Controller for path tracking of wheeled mobile robot in unknown environment	Madhu Sudan Das, Usha Rani Gogoi	Computer Science & Engineering	Journal of Electrical Systems	2024	ISSN: 1112-5209
83	An Efficient Multiuser Authentication and Data Transformation Technique for Smart Agriculture Using Cryptography	Bilas Haldar, Prabin Kumar Jha, Partha Kumar Mukherjee	Computer Science & Engineering	International Journal of Intelligent Systems and Applications in Engineering	2024	ISSN: 2147-6799
84	An Approach of Modified IDEA with 1024 Bits Key to Enhance Security and Efficiency of Data Transmission in the Healthcare Sector	Bilas Haldar, Partha Kumar Mukherjee, Himadri Nath Saha	Computer Science & Engineering	International Journal of Mathematical, Engineering and Management Sciences	2024	ISSN: 2455-7749
85	Enhancing the Security in Group Message Communication Using Multi-Party Key Distribution Technique	Bilas Haldar, Rohit Sinha, Pranam Paul	Computer Science & Engineering	Journal of Mobile Multimedia	2024	ISSN: 1550-4646 (Print Version) ISSN: 1550-4654 (Online Version)
86	A Robust Security Strategy Using Hybrid Cryptography Approach to Protect Data in the Financial Sector	Bilas Haldar, Partha Kumar Mukherjee, Himadri Nath Saha	Computer Science & Engineering	International Journal of Computer Networks and Applications (IJCNA)	2024	ISSN : 2395-0455
87	Evolutional development & design of an adjustable single gear tooth testing procedure for polymer gearing	Mohit Jain, Samarth Salim, Santosh Patil, Shambo Roy Chowdhury	Department of Robotics & Automation Engineering	Forschung im Ingenieurwesen	2024	ISSN:0015-7899E- ISSN:1434-0860
88	Prevalence of Musculoskeletal Disorders among Teaching and Non-Teaching Staffs of a Reputed University in West Bengal,	Dr. Chinmoyee Baruah Hazra (PT), Dr. Kusum Agarwal (PT), Dr. Ravikant Ballav (PT), Mrs. Reshma Kolar	Department of Physiotherapy	YUGATO	2024	ISSN: 0387-5695; eISSN: 0387-5695
89	Is BMI Influence The Depression In Young Indians?	Dipak Sharma	Department of Physiotherapy	Educational Administration: Theory and Practice	2024	e-ISSN: 2148-2403 p-ISSN: 1300-4832
90	Sonographic Measurement of Normal Liver and Spleen Dimensions In: The Paediatric Population Age Group Between 5-15 Years of A Rural District In ..	Divya Rana, Ashita Jain, Monu Sarin, Khursheed Ganie	Department of Medical Radiology Imaging Technology	Educational Administration: Theory and Practice	2024	e-ISSN: 2148-2403; p-ISSN: 1300-4832
91	A Study on the Effects of Biodiversity and Conservation Efforts on Community Health in the Sunderban Area of Eastern India	Goswami, H., Debnath, S., Mukherjee, S. & Biswas, S.	Medical Laboratory Technology	International Journal of Statistics in Medical Research	2024	eISSN 1929-6029
92	Morphometric & Morphological Study of Dry Human Calcanei	Hrisab Deb	Department of Physiotherapy	African Journal of Biomedical Research	19-September--2024	ISSN:1119-5096
93	A review study on radiation dose reductions techniques and optimization techniques in Computed Tomography	Zosangliani, Hrisab Deb, Dr. Mrinal Kanti Sinha	Department of Medical Radiology Imaging Technology	Journal of Cardiovascular Disease Research	2024	ISSN: 0975-3583,0976-2833
94	Effects of Two Vision Therapy Approaches on Accommodative Insufficiency and Post-therapy Stability	Prithwis Manna, Sourav Karmakar, Animesh Mondal, Puja Sarbajna, Gaurav Kumar Bhardwaj	Department of Optometry	Journal of Pediatric Ophthalmology & Strabismus	2024	PRINT ISSN: 0191-3913 ONLINE ISSN: 1938-2405
95	Accomodation and vergence functions among children with dyslexia: A review of literature	Animesh Mondal, Rituparna Ghosal, Sourav Karmakar, Nishtha Verma, Gaurav Kumar Bhardwaj	Department of Optometry	Indian Journal of clinical and experimental opthalmology	2024	Print ISSN: 2395-1443 Online ISSN: 2395-1451
96	Management of ocular aberration and convergence excess after laser-assisted in situ keratomileusis with vision therapy	Prithwis Manna, Sourav Karmakar, Animesh Mondal, Puja Sarbajna, Rikta Paul, Mahesh Mudi	Department of Optometry	Eye & ENT Researc	2024	Online ISSN:2835-1088 Print ISSN:2835-107X
97	“Study of Inpatient Satisfaction” City Based Hospital Bombaisadda, Bangalore, Karnataka	Satadal Mallik	Department of Hospital Management	International Journal of Creative Research Thoughts (IJCRT)	2024	ISSN: 2320-2882
98	Disease Ecology of Diarrhea in South 24 Parganas District, West Bengal	Vivek Kumar, Satadal Mallik	Department of Hospital Management	International Journal of Novel Research and Development	2024	ISSN: 2456-4184

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
99	Chemical Hazard in the Workplace: A Guide for Hospital and Industry Personnel	Satadal Mallik, Vivek Kumar, Kalyan Paul	Department of Hospital Management	International Journal of Novel Research and Development	2024	ISSN: 2456-4184
100	Investigation of Analgesic and Anti-inflammatory Activities and Dose Optimization of Quercetin and Its Few Novel Semisynthetic O-methylated Derivatives	Bose A, Bose S, Gupta K, Roychoudhury P K, Mazumder K, Maity S, Banerjee S, Mazumder S	School of Pharmacy	Journal of Chemical Health Risks	2024	ISSN:2251-6719E- ISSN:2251-6727
101	Simultaneous Estimation of Cal DL-2-Hydroxy,4-methyl thio-butyrate and Ca-2-oxo3-phenyl Propionate in Alpha-Ketoanalogues Tablets by Validated RP-HPLC Method	Panda S, Bose A,Debnath B, Nath R, Das A, Ghosh S.	School of Pharmacy	Indian Journal of Pharmaceutical Education and Research	2024	ISSN-0019-5464
102	Snake Venom: A deadly toxin with Therapeutic potential and immunization	Biswas G, Saha A, Mazumder S, Seal A, Naskar A.	School of Pharmacy	African Journal of Biological Sciences	2024	ISSN: 2663-2187
103	Innovative and Efective Machine Learning-Based Method to Analyze Alcoholic Brain Activity with Nonlinear Dynamics and Electroencephalography Data	Koliqi R, Fathima A, Tripathi A K, Sohi N, Jesudasan R E, Mahapatra C.	School of Pharmacy	SN Computer Science	2024	Electronic ISSN 2661-8907
104	Polymeric Nanoparticles for Wound Healing	Koliqi R, Uskokovic V, Salmani P B, Grapci A D, Mahapatra C	School of Pharmacy	Pharmaceutical Nanotechnology	2024	E-ISSN:2211-7393
105	Formulation and Evaluation of Mixed Micelles Containing Quercetin for Inhibiting Intestinal Metabolism of Atorvastatin	Palei N N, Rajangam J, Samineni R, Dhar A K, Balaji A	School of Pharmacy	FABAD Journal of Pharmaceutical Sciences	2024	ISSN: 1300-4182
106	Phytochemical Characteristics, Antioxidant, and Toxicity Evaluation of Ethanolic Leaves Extract of Barleria lupulina Lindl.	Banerjee S, Bose S, Banerjee S	School of Pharmacy	African Journal of Biological Sciences	2024	ISSN: 2663-2187
107	Formulation of Morus alba extract loaded solid lipid nanoparticles: in silico, characterizations, and in vitro cytotoxicity study. Drug Development and Industrial Pharmacy, 1–15	Palei, N. N., Sabapati, M., S, V., Samajdar, S., Dhar, A. K.	School of Pharmacy	Drug Development and Industrial Pharmacy	2024	ISSN:0363-9045E- ISSN:1520-5762
108	Evaluation of the Neuroprotective Action of Azadirachta indica Leaves Extract in Streptozotocin-induced Diabetic Rodent Model	Ghosh A, Ghosh S, Adhikari A, Ray M, Indu R, Bhattacharya S, Bose S,Banerjee S, Sure P K.	School of Pharmacy	Journal of Natural Remedies	2024	eISSN: 2320-3358
109	Archaeobotanical Elucidation of Moringa oleifera: It's Biological, Ethnopharmacological and Phytochemical Activities	Sujayita Mazumder, Somsubhra Ghosh, Sankhadip Bose, Atyurmila Chakraborty and Subhas Chandra Dinda	School of Pharmacy	Journal of Natural Remedies	2024	eISSN: 2320-3358; ISSN: 0972-5547
110	Terpenoids as potential phytoconstituent in the treatment of diabetes: from preclinical to clinical advancement	Sukanta Roy, Arya Ghosh, Ankit Majie, Varnita Karmakar, Sourav Das, Subas Chandra Dinda, Anirbandeep Bose, Bapi Gorain b	School of Pharmacy	Phytomedicine	2024	Online ISSN: 1618-095X Print ISSN: 0944-7113
111	Fabrication of PLGA nanoparticles using combination of PCL PVA PEG copolymer as surfactant: In vitro characterization and cytotoxicity study	Shashi Ranjan, Subas Chandra Dinda, Anurag Verma	School of Pharmacy	Onkologia i Radioterapia	2024	ISSN: 2449-9161
112	An Overview Of The Phytopharmacological Effects Of Ocimum Basilicum (Lamiaceae): A Plant Having Immense Medicinal Potential	Parag Ghosh, Amrita Some, Debajit Dewan, Milan Nandi, Kritika Modak, Aditya Narayan Singh, Nitish Kumar Halder, Zinnat Akhtar Jahan	School of Pharmacy	African Journal of Biological Sciences	2024	ISSN: 2663-2187
113	Exploring the Potential of Chitosan in Drug Delivery: A Review of Current Research and Future Directions	Shahil Arman,Yogita Chandra Jore, Dr. Biswajit Dash, Jayita Das, Piyasha Barman, Munshi Ajmat Hossain, Firoz Ahmed , Soaib Ahmed, Izaz Hussain	School of Pharmacy	African Journal of Biological Sciences	2024	ISSN: 2663-2187
114	Investigating Preventive and Therapeutic Anti-cancer Potential of Grapes and their Bioactive Constituents	Sankhadip Bose, Subhadas Chatterjee, Sujayita Mazumder, Somsubhra Ghosh, Arghya Kusum, Dhar and Nardev Singh	School of Pharmacy	The Natural Products Journal	2024	ISSN:0163-3864; E- ISSN:1520-6025
115	Quercetin as an Epilepsy Disease Treatment and Its Nanotechnological Perspective	Lokman Ali Ahmed , Hemanga Mazumdar , Devlina Pal ,Shahil Aman , Sourav Deka , Sujayita Mazumder, Soumik Adhikari, Pritam Dutta, Hiyashree Sharmah	School of Pharmacy	Journal of Chemical Health Risk	2024	ISSN : 2251-6727
116	Assessment of Synergistic Effects of Combination Therapy with Novel Anticancer Compounds in Rat Models	Jaymala Arun Kumawat, Anil Kumar, Shyama Sundar Sahu, Praveen Nasa, Sanmati Kumar Jain, Ponnudurai Kathiresan, Vinay Kumar Gupta, Rajashekar Perusomula and Rajeswar Das	School of Pharmacy	Biochemical and Cellular Archives	2024	ISSN: 0972-5075 E-ISSN: 0976-1772

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
117	Performance evaluation and introduction of vegetable soybean (Glycine max) variety ‘Swarna Vasundhara’ in coastal areas of West Bengal	Sushil Kumar Kothari, Sruba Saha, Sobhonika Barik, Boris Huirem	Genetics and Plant Breeding (SAAS)	International Journal of Research in Agronomy	2024	E-ISSN: 2618-0618 P-ISSN: 2618-060X
118	Electrokinetic Remediation of Saline Agricultural Land Using Solar Energy.	Aminul Islam, Sushil Kumar Kothari, Biswajit Ghosh, Tanuj Kumar Mandal, Shankha Koley	Agriculture Engineering (SAAS)	Environment and Ecology	2024	ISSN 0970-0420
119	Effect of Environmental Variations Influence on Plant Growth in Different Protective Structures and Growing Mediums	Rupankar Mallik, Smarjit Ojha, Taney Dey, Aminul Islam, Sushil Kumar Kothari	Agriculture Engineering (SAAS)	Environment and Ecology	2024	ISSN 0970-0420
120	Epidemiological studies of Leaf blight disease of Costus (Costus speciosus) caused by Pyricularia grisea and Leaf spot disease of Shivajata (Uraria picta) caused by Curvularia boedijn	Solanki Sarkar, Basudeb Dasgupta and Mrinmoy Mondal	Plant Pathology (SAAS)	Journal of Mycopathological Research	2024	ISSN 0971-3719
121	Analysis of Health Ailments and Associated Risk Factors in Small-Scale Fisherfolk Community of Indian Sundarbans: A Cross-Sectional Study	Aparna Roy, Angshuman De, Md Aftabuddin, Asit K Bera, Supriti Bayen, Abhisek Ghosh and Basanta K. Das	Agriculture Extension (SAAS)	Indian Journal of Community Medicine	2024	ISSN: 0970-0218 Online ISSN: 1998-3581
122	Varietal Performance of Jute (Corchorus capsularis L.) Based on Crop Growth and Yield in the Coastal Region of South Bengal	Jayeeta Maji, Binita Dey and Pijush Das	Agronomy (SAAS)	International Journal of Bioresource Science	2024	E-ISSN - 2454-9541
123	Unveiling Trichothecium roseum: A Novel Mycoparasite on Coleosporium plumeriae, the Rust Pathogen of Plumeria alba	Arghya Banerjee	Horticulture and food science (SAAS)	National Academy Science Letters	2024	Electronic ISSN 2250-1754 Print ISSN 0250-541X
124	Value Addition of Fruits: An Effective Process to Combat Post-harvest Losses	Shuvadeep Halder, Boris Huirem, Sujata Karmakar, Abid Hayat, and Urjashi Bhattacharya	Horticulture and food science (SAAS)	Journal of Experimental Agriculture International	2024	ISSN: 2457-0591
125	Nutrient Status of Coastal Soils-24 Parganas (South), West Bengal, India	Sourav Mullick, Monisankar Bera, Indrani Khoso, and Sushil Kumar Kothari	Soil Science (SAAS)	International Journal of Plant & Soil Science	2024	ISSN: 2320-7035
126	Identification of genes associated to β -N oxalyl- L- α , β -diaminopropionic acid and their role in mitigating salt stress in a low-neurotoxin cultivar of Lathyrus sativus	Deepak Kumar, Riman Saha Chaudhury, Kajal Mandal, Prajjwal Pradhan, Sampurna Bhattacharya, Bimal Das, Ria Mukhopadhyay, Victor Phani, Kantamraju Prudveesh, Sahanob Nath, Rupsanatan Mandal, Priyanka Boro	Horticulture and food science (SAAS)	Plant Physiology and Biochemistry	2024	Print ISSN: 0981-9428 Online ISSN: 1873-2690
127	Management of soil cover and tillage regimes in upland rice-sweet corn systems for better system performance, energy use and carbon footprints	Arindam Kundu, Champak Kumar Kundu , Prithwiraj Dey, Soham Rana, Jhumur Majumder, Anurag Bera, Bappa Paramanik, Partha Sarathi Patra, Md Galal Uddin, Mohamed Abioui, Anuj Saraswat	Agronomy and agroforestry (SAAS)	Heliyon	2024	ISSN 2405-8440 (online)
128	Inter-cropping patterns and nutrient management effects on maize growth, yield and quality	Ankita Begam, Mahadev Pramanick, Susanta Dutta, Bappa Paramanik, Gopal Dutta, Partha Sarathi Patra, Arindam Kundu, Asim Biswas	Agronomy and agroforestry (SAAS)	Field Crops Research	2024	Print ISSN: 0378-4290 Online ISSN: 1872-6852
129	Weather parameter's impact on natural parasitization by Campoletis chloridae Uchida in Chickpea exosystem- New Alluvial Zone of West Bengal	C. Meenambigai, Arunava Samanta, Snigdha Samanta, K. Sathees Kumar	Entomology (SAAS)	Legume Research-An International Journal	2024	Print ISSN 0250-5371 Online ISSN 0976-0571
130	Application of Precision Farming in Horticulture: A Comprehensive Review	Shuvadeep Halder, Shampa Purkaystha, Tushar Ghosh, Subhash Chandra Ghosh and Abid Hayat	Horticulture and food science (SAAS)	Journal of Scientific Research and Reports	2024	ISSN: 2320-0227
131	Response of Time and Severity of Pruning on Vegetative and Reproductive Characteristics of Ber cv. BAU kul	Soustav Datta, Niladri Dutta, Susmita Dey, Chinmoy Mandal, Ritwika Sen, Sarthak Bhattacharya, Pallab Datta, T.P. Rathour, Deepa Lal and Lipsa Prit Bhusan	Horticulture and food science (SAAS)	Journal of Advances in Biology and Biotechnology	2024	ISSN: 2394-1081
132	Battery-operated Power Weeding Machines: Advancements, Challenges, and Future Prospects	Subhadeep Mukhuty, Sushil Kumar Kothari, Pijush Das, and Shankha Koley	Agriculture Engineering (SAAS)	Journal of Experimental Agriculture International	2024	ISSN: 2457-0591
133	Seedbed management, transplanting methods and irrigation regimes influence the growth, productivity and economics of summer rice (Oryza sativa L.)	Tanuj Kumar Mandal, Mousumi Mondal	Agronomy and agroforestry (SAAS)	Discover Sustainability	2024	Electronic ISSN 2662-9984

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
134	Microplastics in the soil–water–food nexus: Inclusive insight into global research findings	Mousumi Mondal	Agronomy and agroforestry (SAAS)	Science of the Total Environment	2024	Online ISSN: 1879-1026 Linking ISSN: 0048-9697
135	Emerging concern of nano-pollution in agro-ecosystem: Flip side of nanotechnology	Mousumi Mondal	Agronomy and agroforestry (SAAS)	Plant Physiology and Biochemistry	2024	Print ISSN: 0981-9428 Online ISSN: 1873-2690
136	Effect of Organics and Spacing on the growth, Yield and Economics of Brahmi (Bacopa monnieri) in Coastal Part of West Bengal	Tanuj Kumar Mandal	Agronomy and agroforestry (SAAS)	International Journal of Bioresource Science	2024	ISSN - 2347-9655 E-ISSN - 2454-9541
137	Effect of Nitrogen Management and Spacing on the growth, Yield Attributes and Yield of Finger Millet in Coastal Part of West Bengal	Tanuj Kumar Mandal	Agronomy and agroforestry (SAAS)	International Journal of Bioresource Science	2024	ISSN - 2347-9655 E-ISSN - 2454-9541
138	Agrivoltaics System: Sustainable Approach for Okra Cultivation and Energy Stability	Islam A, Kothari SK, Ghosh B, Satapathy KK, Mandal TK, Koley S	Agronomy and agroforestry (SAAS)	Plant Science Today	2024	ISSN 2348-1900
139	Improving the root yield quality, water productivity and economics of Sarpgandha (Rauwolfia serpentina L. Benth) through Irrigation and Nitrogen Management	Madhurima Banik	Soil Science (SAAS)	Irrigation & Drainage	2024	ISSN:1531-0353E- ISSN:1531-0361
140	Anthocyanin profiling of genetically diverse pigmented potato (Solanum tuberosum L.) clonal accessions from north-eastern sub-Himalayan plateau of India	Riman Saha Chaudhury	Horticulture and food science (SAAS)	Heliyon	2024	ISSN:2405-8440 E- ISSN:2405-8440
141	Development and Analysis of Reciprocating Seed Metering Mechanism for Groundnut	Edwin Benjamin, Aminul Islam , G. Khaleel, K. Hem Chand and M. Venkateswararao	Agriculture Engineering (SAAS)	International Journal of Current Research and Academic Review	2024	ISSN 2347-3215
142	Modulation of Antioxidant Properties in Leaves of Betel Vine (Piper betel L.) Influenced by the Fungicide Blitox	Poulami Sil, Arunava Chakravarty, Shampa Purkaystha, Punnam Chettri, Goutam Kumar Dash, Shuvadeep Halder	Horticulture and food science (SAAS)	Journal of Advances in Biology & Biotechnology	2024	ISSN: 2394-1081
143	Epigenetics of Betel Leaf Essential Oil : a Determinant of industrial Niche of the Cultivar	Bidisha Mondal	Genetics and Plant Breeding (SAAS)	Indian Journal Of Pharmaceutical Sciences	2024	ISSN 1590-1600
144	Infrared thermometry-based stress indices as indicators of yield performance and seasonal evapotranspiration in potato plants grown under different moisture and potassium regimes	Trisha Manna, Manoj Kumar Nanda, Sukamal Sarkar, Ashis Mukherjee, Manabendra Ray, Lamya Ahmed Alkeridis, Samy Sayed, Ahmed Gaber, Akbar Hossain	Department of Soil Science & Agrocultural Chemistry(SAAS)	Scientia Horticulturae	2024	Online ISSN: 1879-1018 Print ISSN: 0304-4238
145	Effects of nitrogen fertilization and micro-sprinkler irrigation on soil water and nitrogen contents, their productivities, bulb yield and economics of winter onion production	Madhurima Banik, Sanmay Kumar Patra and Ashim Datta	Department of Soil Science & Agrocultural Chemistry(SAAS)	The Agricultural Science, Cambridge	2024	ISSN: 0021-8596 (Print), 1469-5146 (Online)
146	Biochemical and morphological basis of resistance in okra against whitefly and jassid	Mritunjoy Barman, Snigdha Samanta, Kousik Atta, Subham Dutta, Soumik Dey, Arunava Samanta, Jayanta Tarafdar, Bulbul Ahmed	Department of Entomology, (SAAS)	International Journal of Tropical Insect Science	2024	E ISSN- 1742-7592
147	Entrepreneurial behavior of rural women in the Cooch-Behar district of West Bengal	Ankur Adhikary and Dr. Deepa Roy	Department of Agricultural Extension & Communication (SAAS)	International Journal of Agriculture Extension and Social Development	2024	P-ISSN: 2618-0723; E- ISSN: 2618-0731
148	Agricultural production and productivity analysis: Challenges and future directions	Subhadip Pal, Swati Singh, Chotiya Shiva Jyothi, Anmol, Ambika Prasad Mishra, G Arun Prasath, Yashwant Singh and Suchismita Mishra	Department of Agricultural Economics (SAAS)	International Journal of Research in Agronomy	2024	E-ISSN: 2618-0618 P-ISSN: 2618-060X
149	Reception and Conception of Bengali Muslim Literary Works in the Colonial Period: A Critical Study	Aliya Halim	Department of English	Dialog	2024	ISSN: 0975-4881
150	A Description of Bengali Equivalents of English Sentences with 'be' and 'have' as the Main Verbs in the Present Tense: Teaching such Sentences to Non-native Learners who know English	Sourav Chakraborty & Koel Mitra	Department of English	Jadavpur Journal of Languages and Linguistics	2024	ISSN 2581-494X

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
151	Empirical Examination of Attributes in Hospitality Education Policy	Upasana , Dr. Sweta Rani ,Dr. Asim Kumar Basu ,Dr. Somarata Chakraborty,Dr. Mushtaq Ahmad, Atin Das	Department of Management	Tuijin Jishu/Journal of Propulsion Technology	2024	ISSN: 1001-4055
152	Measuring Dimensions of Sustainable Development of Religious Tourist Spots: A Study on the Perspective of Segments of Local Community	Sudeshna Gupta, Mushtaq Ahmad	Department of Hospital Management	Indian Journal of Psychology	2024	Print ISSN: 0019-5553
153	Does Organizational Changes influence Dimensions of Employee Commitment: A Study on Post-Merger Changes in Indian Banking System	Bitobi Lahiri, Mushtaq Ahmad	Department of Management	Indian Journal of Psychology	2024	Print ISSN: 0019-5553
154	Education Policies: Academic Growth in Hospitality Education	Upasana, Dr. Sweta Rani, Dr. Somarata Chakraborty, Dr. Sheeba Khalid	Department of Management	Educational Administration: Theory and Practice	2024	e-ISSN: 2148-2403 p-ISSN: 1300-4832
155	Enhancing Patient Experience: A Comprehensive Analysis of Waiting Times in Pharmacy Services at a Premier City Hospital's Outpatient Department	Asim Kumar Basu, Vivek Kumar, Satadal Mallik	Department of Management	International Journal of Cultural Studies and Social Sciences	2024	ISSN: 2347-4777
156	From Piety to Strategy: A Study on the Perception of the Stakeholders of Religious Tourism about Avenues of Government Intervention for Greater Sustainability	Sudeshna Gupta, Mushtaq Ahmad	Department of Management	IPE Journal of Management	2024	ISSN: 2249-9040
157	Measuring Interrelations between Organizational Culture and Employee Performance: A Study on Bank Employees on the Backdrop of Mergers	Bitobi Lahiri, Mushtaq Ahmad	Department of Management	IPE Journal of Management	2024	ISSN: 2249-9040
158	Navigating Academic Choices: Exploring Social Media Consumption Patterns among Prospective Management Students in India	Pabitra Kumar Sahu & Rohit Vishal Kumar	Department of Management	Academia	2024	E ISSN: 2241-1402
159	Effectiveness of social media marketing in the enrolment of management students in college and university: an exploratory study	Pabitra Kumar Sahu & Rohit Vishal Kumar	Department of Management	Int. Journal of Business Competition and Growth	2024	ISSN: 2042-3845 (Print), ISSN: 2042-3853 (Online)
160	Advanced Hybrid Neural Network Techniques for Minimizing Gas Turbine Emissions	Atanu Roy, Sabyasachi Pramanik, Kalyan Mitra, Manashi Chakraborty	School of Maritime Studies	World Journal of Engineering	2024	ISSN 1708-5284
161	A review of the hydrogen fuel path to emission reduction in the surface transport industry	Atanu Roy, Sabyasachi Pramanik	School of Maritime Studies	International Journal of Hydrogen Energy	2024	ISSN: 1879-3487
162	Effects of ship emissions on Asian haze pollution, health, and IMO strategies	Atanu Roy, Manashi Chakraborty	School of Maritime Studies	Societal Impacts	2024	ISSN: 2949-6977
163	Unraveling florfenicol's effects on splenic histology, erythrocytes, and hematology of healthy Oreochromis niloticus juveniles	Bardhan, A., Abraham, T. J., Das, R., & Patil, P. K.	Division of Fisheries	Applied Research	2024	ISSN: 2702-4288
164	Enhancing sustainable aquaculture production through Periphyton-based practices.	Karmakar, S., Prakash, B., Bhattacharjee, S., Jana, A., & Mandal, S.	Division of Fisheries	International Journal of Advanced Biochemistry Research	2024	ISSN (P): 2617-4693 ISSN (E): 2617-4707
165	The effects of Tulsi and marigold as dietary supplement on growth, haematological and biochemical parameters in Labeo rohita (Hamilton)	Chhaba, B., Goud, E. A., Das, S. A., Karmakar, S., Rout, S. K., & Kachave, V. C.	Division of Fisheries	International Journal of Advanced Biochemistry Research	2024	ISSN (P): 2617-4693 ISSN (E): 2617-4707
166	Antimicrobial resistance in Aeromonas and Escherichia coli from retail fish on Ganges Delta	Avishek Bardhan and Shivananda H. Murthy	Division of Fisheries	Journal of Aquatic Biology & Fisheries	2024	ISSN 2021–340X (Different website)
167	Women in Educational Leadership: Breaking Barriers	Dr. Aliya Halim, Dr. Debobani Biswas	Department of English	Educational Administration: Theory and Practice	2024	e-ISSN: 2148-2403 p-ISSN: 1300-4832
168	The Importance of Vocational Courses like Communicative English in the Present Scenario	Aliya Halim	Department of English	Shodh Shrinkhal	2024	ISSN: 2454-6046
169	Unveiling Trichothecium roseum: A Novel Mycoparasite on Coleosporium plumeriae, the Rust Pathogen of Plumeria alba	Arghya Banerjee, Saidul Islam Birendranath Panja , Partha Sarathi Nath	School of Agriculture & Allied Sciences (SAAS)	National Academy Science Letters	2024	Electronic ISSN 2250-1754 Print ISSN 0250-541X
170	Navigating Constraints: An Empirical Study of Opportunities, Barriers, and Strategic Trade-Offs in Career Decision-Making among Rural Youth of Bengal	Suhas Mukherjee, Dr. Mushtaq Ahmad	Management Studies	Rabindra Bharti Patrika	2024	ISSN No: 0975-003

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
171	Response of Aonla (Emblica Officinalis Gaertn.) Plants on Leaf Nutrient Status, Quality and Yield to Foliar Application of Micro-Nutrients in Red and Lateritic Region of West Bengal, India	Soustav Datta, Susmita Dey, Chinmoy Mandal, Samarpita Roy, Tanmoy Mondal, Kamal Kr. Mandal, (Md.) Abu Hasan and Sarthak Bhattacharya	School of Agriculture & Allied Sciences (SAAS)	Plant Archives	2024	e-ISSN:2581-6063 (online), ISSN:0972-5210
172	Additional Record and Taxonomic Description of the Arabian Carpet Shark, Chiloscylidium arabicum, from Dholai Port, Southwest Coast of Gujarat, India	R. V. Borichangar , U. D. Vyas [†] , J. N. Parmar, J. G. Vanza , H. G. Solanki , and N. Pathak	Division of Fisheries	Journal of Coastal Research	2024	Online ISSN: 1551-5036 Print ISSN: 0749-0208
173	Pharmacokinetics and residues of florfenicol in Nile tilapia (Oreochromis niloticus) post-oral gavage	Avishek Bardhan, Thangapalam Jawahar Abraham, Tapas Kumar	Division of Fisheries	Environmental Toxicology and Pharmacology	2024	Print ISSN: 1382-6689 Online ISSN: 1872-7077
174	Discrimination of Five Gobid Species (Family: Gobiidae) based on Otolith Morphometry	Vikas Pathak, Rinchen N. Bhutia, Shashi Bhushan, Geetanjali Deshmukhe, A.K. Jaiswar	Division of Fisheries	Indian Journal of Animal Research	2024	ISSN:0367-6722E-ISSN:0976-0555
175	Assessing the biosafety of florfenicol by histoarchitectural alterations in Nile tilapia Oreochromis niloticus	Abhishek Bardhan, T. J. Abraham and P. K. Patil	Division of Fisheries	Indian Journal Of Animal Health	2024	ISSN 0019-5057
176	Assessing the role of Internship Training Experiences in Shaping Career Decisions Among Future Hospitality Professionals	Atin Das,Priyanka Bhattacharya Banerjee,	School of Hospitality & Culinary Art	Juni Khyat	2024	ISSN: 2278-4632
177	Assessing the Effectiveness of Industrial Training in Shaping Career Readiness among Hospitality Students: Evidence from Indian Institutes	Mayurika Ray,Dr Sweta Rani,Mr. Anirban Chatterjie ,Dr. Atin Das	School of Hospitality & Culinary Art	Juni Khyat	2024	ISSN: 2278-4632
178	An Exploratory Study on Sustainable Practices in Tourism Sector of West Bengal	Sumit Das, Dr. Sweta Rani, Dr. Mushtaq Ahmed, Upasana	School of Hospitality & Culinary Art	Rabindra Bharti Patrika	2024	ISSN No: 0975-003
179	The Effectiveness of Modern Mixology Techniques on Customer Satisfaction in Premium Bar Outlets: A Comparative Study Across Urban Centres	Mr. Anirban Chatterjie ,Dr Sweta Rani ,Mayurika Ray,Dr. Atin Das	School of Hospitality & Culinary Art	Juni Khyat	2024	ISSN: 2278-4632
180	Minimising Food Waste and Its Impact on Sustainable	Subhranil Chowdhury, Priyanka Bhattacharya banerjee, Atin Das	School of Hospitality & Culinary Art	Juni Khyat	2024	ISSN: 2278-4632
181	Evaluating Sustainable Practices in West Bengal's Hotels: Examining Socio-Economic Drivers and Consumer Engagement	Sumit Das, Sweta Rani	School of Hospitality & Culinary Art	Journal of Management and Entrepreneurship	2024	ISSN : 2229-5348
182	Impact of Socio-Economic Transformations on Sustainability Practices in the West Bengal Luxury Hotel Industry	Sumit Das, Dr. Angshuman Chatterjee	School of Hospitality & Culinary Art	Shodha-Prabha	2024	ISSN : 0974-8946
183	Influence of Soaking and Sprouting on the Colour Kinetics of White Sorghum Grains	Boris Huirem and Pradeepta Kumar Sahoo	Food Science (SAAS)	Annals of Arid Zone	2024	ISSN: 0570-1791
184	Performance evaluation and introduction of vegetable soybean (Glycine max) variety 'Swarna Vasundhara' in coastal areas of West Bengal	Sushil Kumar Kothari, Sruba Saha, Shobhanika Barik and Boris Huirem	Genetics and Plant Breeding (SAAS)	International Journal of Research in Agronomy	2024	E-ISSN: 2618-0618 P-ISSN: 2618-060X
185	Epigenetics of Betel Leaf Essential Oil: A Determinant of Industrial Niche of the Cultivar	Bidisha Mondal	School of Agriculture & Allied Sciences (SAAS)	Indian Journal of Pharmaceutical Sciences	2024	0250-474X (P), 1998-3743 (E)
186	Production and Culture Scenario of Striped Catfish (Pangasianodon hypophthalmus, Sauvage, 1878) in India	Lakan Lal Meena, H. Shivananda Murthy, Dharmendra Kumar Meena, Raju Ram and Khemraj Bunkar	Division of fisheries	Research Biotica	2023	eISSN: 2582-6743
187	Fish Consumer Behaviour and Constraints in Haryana and Punjab: Empirical Insights from Urban Markets	Khemraj Bunkar and Ananthan P.S.	Division of fisheries	Journal of Indian Fisheries Association	2023	ISSN: 0970-6011
188	Business Practices: A Study of Hotels in Eastern India	Ghosh, R., Mitra, K. & Chatterjee, A.	Department of English	Indian Journal of Psychology	2023	Print ISSN: 0019-5553
189	A Contrastive Analysis of Simple Present Tense in Bengali and English	Sourav Chakraborty, Koel Mitra	Department of English	Indian Journal of Psychology	2023	Print 0019-5553
190	Competency in English Communication: Importance In 5-Star Hotels of India	Ghosh, R., Mitra, K. & Chatterjee, A.	School of Hospitality & Culinary Art	Indian Journal of Psychology	2023	Print ISSN: 0019-5553

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
191	Music Therapy As A Means Of Stress Management: A Sociological Study Of Adolescents	Dr. Madhurima Dasgupta & Ms. Priyanka Roy	Management and Commerce (Sociology)	Journal of Survey in Fisheries Sciences,	2023	ISSN: 2368-7487
192	Impact of Religious Tourism: An analysis of Socio Economic perspective of Dakhineswar, Kolkata.	Gupta S, Upadhyay S., & Ahmad M.	Department of Management	Third Concept	2023	ISSN: 0970-7247
193	Modeling Customer Satisfaction and Loyalty using Structural Equation Modeling based on Service Quality Measurement in the 10-minutes Online Grocery delivery Industry	Anik Ghosh, Niloy Sarkar, Avishek Ganguly, and Shibnath Banerjee	Department of Management	SDM IMD Journal of Management	2023	ISSN: 2320-7906
194	Impact of Non- Store Retailing in Indian Economy	Sweta Rani, Koustav Charan, Anish Mandal	Department of Management	The Ciência & Engenharia - Science & Engineering Journal	2023	ISSN: 0103-944X
195	Career Consciousness Among The Urban/ Semi-Urban And Rural Students Of West Bengal: A Sociological Study	Asim Kumar Basu, Madhurima Dasgupta	Department of Management	Journal of Survey in Fisheries Sciences	2023	ISSN: 2368-7487
196	Impact of Digitalization on Human life: In the Prospects of Law	Paramita Dhar Chakraborty, Sweta Rani, Anita Dubey	Department of Law	The Ciência & Engenharia - Science & Engineering Journal	2023	ISSN: 0103-944X
197	The Efficacy of Doctrine of Precedent: A Comparative Analysis of the Common and Civil Law Countries	Chakraborty Dhar, P., & Misra, B.	Department of Law	Indian Journal of Law and Justice (IJLJ)	2023	ISSN: 0976-3570
198	Analysis of Rights Accorded to Same-Sex Couples in India and Comparative Jurisdictions	Paul, A.,& Sarkar, U.	Department of Law	Anvesak	2023	ISSN No. : 0378-4568
199	Cyber Threats to Fintech Industry: An Investigation	Paul A. & Sarkar U.	Department of Law	Journal of the Oriental Institute	2023	ISSN: 0030-5324
200	Case Comment – X V. Principal Secretary, Health and Family Welfare Dept, Govt. of NCT of Delhi & Anr. Special Leave Petition (Civil) No 12612 of 2022	Jha A. & Rituraj, A.	Department of Law	CMR University Journal for Contemporary Legal Affairs	2023	ISSN NO: 2582-4805
201	A cleaner and smarter way to achieve high microalgal biomass density coupled with facilitated self-flocculation by utilizing bicarbonate as a source of dissolved carbon dioxide	Romit Mitra , Anirban Das Gupta , Ravi Ranjan Kumar , Ramkrishna Sen	Department of Biotechnology	Journal of Cleaner Production	2023	Print ISSN: 0959-6526 Online ISSN: 1879-1786
202	The combinatorial applications of 1, 4-naphthoquinone and tryptophan inhibit the biofilm formation of Staphylococcus aureus	Payel Paul · Ritwik Roy · Sharmistha Das · Sarita Sarkar · Sudipta Chatterjee · Moumita Mallik · Aditya Shukla · Poulomi Chakraborty · Prosun Tribedi	Department of Biotechnology	Folia Microbiologica	2023	Electronic ISSN 1874-9356 Print ISSN 0015-5632
203	1, 4-naphthoquinone efficiently facilitates the disintegration of pre-existing biofilm of Staphylococcus aureus through eDNA intercalation	Payel Paul· Sarita Sarkar · Debabrata Ghosh Dastidar · Aditya Shukla· Sharmistha Das· Sudipta Chatterjee · Poulomi Chakraborty· Prosun Tribedi	Department of Biotechnology	Folia Microbiologica	2023	Electronic ISSN 1874-9356 Print ISSN 0015-5632
204	Synergistic interaction of cuminaldehyde and tobramycin: a potential strategy for the efficient management of biofilm caused by Pseudomonas aeruginosa	Sudipta Chatterjee · Sharmistha Das · Payel Paul · Poulomi Chakraborty · Sarita Sarkar · Amlan Das · Prosun Tribedi	Department of Biotechnology	Folia Microbiologica	2023	Electronic ISSN 1874-9356 Print ISSN 0015-5632
205	Piperine Exhibits Potential Antibiofilm Activity Against Pseudomonas aeruginosa by Accumulating Reactive Oxygen Species, Affecting Cell Surface Hydrophobicity and Quorum Sensing	Sharmistha Das · Payel Paul · Debabrata Ghosh Dastidar · Poulomi Chakraborty · Sudipta Chatterjee · Sarita Sarkar · Debasish Maiti · Prosun Tribedi	Department of Biotechnology	Applied Biochemistry and Biotechnology	2023	Electronic ISSN 1559-0291 Print ISSN 0273-2289
206	Combinatorial application of cuminaldehyde and gentamicin shows enhanced antimicrobial and antibiofilm action on Pseudomonas aeruginosa	Sudipta Chatterjee · Payel Paul · Poulomi Chakraborty · Sharmistha Das · Anirban Das Gupta · Ritwik Roy · Moumita Malik · Sarita Sarkar · Ranojit Kumar Sarker· Prosun Tribedi	Department of Biotechnology	Folia Microbiologica	2023	Electronic ISSN 1874-9356 Print ISSN 0015-5632
207	Designing of a Zn (ii)-isonicotinohydrazido thiophenyl based 2D coordination polymer: structure, augmented photoconductivity and superior biological activity	Kingshuk Debsharma, Sunanda Dey, Dhananjoy Das, Satyajit Halder, Joaquin Ortega-Castro, Sarita Sarkar, Basudeb Dutta, Suvendu Maity, Kuladip Jana, Antonio Frontera, Partha Pratim Ray and Chittaranjan Sinha	Department of Biotechnology	CrystEngComm	2023	ISSN: 1466-8033

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
208	Impact of air pollution on groundwater contamination through water reservoir	Animesh Samanta, Ayan Chatterjee & Mritunjay Kumar Singh	Department of Basic Sciences	Geosystem Engineering	2023	Print ISSN: 1226-9328 Online ISSN: 2166-3394
209	Potential transmission of SARS-CoV-2 through microplastics in sewage: A wastewater-based epidemiological review	Arijit Reeves, Wasim Akram Shaikh, Sukalyan Chakraborty, Punarbasu Chaudhuri, Jayanta Kumar Biswas, Jyoti Prakash Maity	Department of Basic Sciences	Environmental Pollution	2023	Print ISSN: 0269-7491 Online ISSN: 1873-6424
210	Solution of Lane-Emden Type Differential Equations by Using Differential Transform Method	Biswas, A., Mondal, S., & Chatterjee, A	Department of Basic Sciences	Journal of Mines, Metals & Fuels	2023	Print ISSN : 0022-2755
211	Generalized Differential Transform Method–Application to Integral Equations of Fractional Order	Mondal, S., Biswas, A., & Chatterjee, A.	Department of Basic Sciences	Journal of Mines, Metals & Fuels	2023	Print ISSN : 0022-2755
212	Mathematical Modelling of Transmission of Covid-19 in Indian Context: An Impact of Lockdown	Mandal, P., & Chatterjee, A.	Department of Basic Sciences	Journal of Mines, Metals & Fuels	2023	Print ISSN : 0022-2755
213	Magnetic memory effect: Unfolding magnetic metastabilities	De, D., Goswami, S., & Chakraborty, M.	Department of Basic Sciences	Journal of Magnetism and Magnetic Materials	2023	Print ISSN: 0304-8853 Online ISSN: 1873-4766
214	Multifaceted applications of biochar in environmental management: a bibliometric profile	Abhishek Kumar, Tanushree Bhattacharya, Wasim Akram Shaikh, Arpita Roy, Sukalyan Chakraborty, Meththika Vithanage & Jayanta Kumar Biswas	Department of Basic Sciences	Biochar	2023	Electronic ISSN 2524-7867
215	Tailor-made biochar-based nanocomposite for enhancing aqueous phase antibiotic removal	Shaikh, W. A., Chakraborty, S., Kumar, A., Biswas, J. K., Jha, A. K., Bhattacharya, T., ...& Hossain, N.	Department of Basic Sciences	Journal of Water Process Engineering	2023	Online ISSN: 2214-7144
216	Influence of Ge-doping on the collinear and non-collinear antiferromagnetic phases of Mn5Si3 alloy	Adhikari, S. K., Roy, R., Das, S. C., Pramanick, S., De, K., Ivashko, O., ...& Chatterjee, S	Department of Basic Sciences	Journal of Magnetism and Magnetic Materials	2023	Print ISSN: 0304-8853 Online ISSN: 1873-4766
217	Chemical computational approaches for optimization of effective surfactants in enhanced oil recovery	Banerjee, T., & Samanta, A.	Department of Basic Sciences	Physical Sciences Reviews	2023	ISSN: 2365-659X
218	Modelling and Simulation of Mobile Robot in L-Shaped Wall	Prabinkumar Jha	Department of Robotics	International Journal of Vehicle Structures & Systems	2023	ISSN: 0975-3060 (Print), 0975-3540 (Online)
219	Incidences and classification of medication errors-a case study	Soumen Mukherjee , Debarshi Mukherjee, Waikhom Somraj Singh	Department of Biomedical Lab Technology	Romanian Journal of Medical Practice	2023	ISSN 1842-8258 ; e-ISSN 2069-6108
220	Evaluation of Efficacy of Medicinal Plant Supplementation Strategy Against Anemia	Haimanti Goswami, Deepayan Das, Debolina Kumar	Department of Physiotherapy	Journal for ReAttach Therapy and Developmental Diversities	2023	ISSN: 2589-7799
221	Exercise Capability with Total Body Fat Percent & Skeletal Muscle Percent in Male Students aged 18 - 25 Years: A Correlational Study	Deepayan Das, Haimanti Goswami	Department of Physiotherapy	Journal for ReAttach Therapy and Developmental Diversities	2023	ISSN: 2589-7799
222	Efficacy of Kinesio taping on the Functional Performance in Healthy Cricketers	Dr. Dipak Sharma (PT), Dr. Sakshi Sadhu (PT)	Department of Physiotherapy	Journal for ReAttach Therapy and Developmental Diversities	2023	ISSN: 2589-7799
223	Effectiveness of Pilates exercises vs Biofeedback exercises on the Dysmenorrhoea	Dr. Dipak Sharma (PT), Dr. Chinmoyee Baruah Hazra (PT)	Department of Physiotherapy	Journal for ReAttach Therapy and Developmental Diversities	2023	ISSN: 2589-7799
224	Dysmenorrhea Impact and Insights: A Statistical Analysis among Allied Health Professional Students in West Bengal, India	Haimanti Goswami, Debolina Kumar and Swarnava Biswas	Department of Physiotherapy	International Journal of Statistics in Medical Research	2023	ISSN: 1929-6029
225	Effectiveness Motor Re-Learning along with Proprioceptive Neuromuscular Facilitation on Improving Functional Mobility in Subjects with Chronic Stroke	Dr. Kusum Agarwal	Department of Physiotherapy	International Journal of Science and Research (IJSR)	2023	ISSN: 2319-7064
226	Correlation of Body Composition (Body MassIndex, Waist - to -Hip Ratio, Waist - to – Height Ratio, Neck Circumference) with Fitness Index Using Harvard Step	Dr. Chinmoyee Baruah Hazra	Department of Physiotherapy	International Journal of Science and Research (IJSR)	2023	ISSN: 2319-7064
227	Differences in Vo2 Maximum Value Post Resistance Exercises Between Male and Female	Dr. Chinmoyee Baruah Hazra (PT), Dr. Kusum Agarwal (PT)	Department of Physiotherapy	International Journal of Science and Research (IJSR)	2023	ISSN: 2319-7064
228	Cognitive self-efficacy in schizophrenia: Questionnaire construction and its relation with social functioning	Shivani Santosh, Partha S. Kundu	Department of Applied Psychology	Industrial Psychiatry Journal	2023	ISSN: 0972-6748 Online ISSN: 0976-2795

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
229	Report of blended vertebral deformity in the caudal region of narrow-barred Spanish mackerel, <i>Scomberomorus commerson</i> (Lacepede, 1800), from India: A case study	B Madhusudhana Rao, N Pinto, C Sudhan, S Chennuri, V Pathak, C Balakrishna, A D P Reddy & O Sudhakar	Division of Fisheries Science	Indian Journal of Geo Marine Sciences	2023	ISSN: 2582-6727
230	Study on the density and identification of gut bacteria from Nile tilapia (<i>Oreochromis niloticus</i> , Linnaeus, 1758) cultured in biofloc system at West Bengal, India	Ayan Biswas, Avishek Bardhan, Debopriyo Mukherjee, Koel Bhattacharya Sanyal, Gadadhar Dash, Thangapalam Jawahar Abraham	Division of Fisheries Science	Advances in Bioresearch	2023	Print ISSN 0976-4585; Online ISSN 2277-1573
231	A novel risk-based quantifiable approach to biosecurity measures in biofloc units of West Bengal, India: Implications for consumer safety.	A. Biswas, A. Bardhan, G. Dash, D. Mukherjee, and K. B. Sanyal	Division of Fisheries Science	Journal of Environmental Informatics Letters	2023	ISSN: 2663-6859
232	RNA sequencing: A technique for advancing the field of fish genetics and breeding	Raju Ram, Gowhar Iqbal, Jaspreet Singh, Devarshi Ranjan, Vikas Pathak, Shyam Kumar and Amrita Mohanty	Division of Fisheries Science	The Pharma Innovation	2023	ISSN: 2277-7695
233	Unravelling the fate of florfenicol and its transformation products in the aquatic ecosystem: A review	A. Bardhan, and T. J. Abraham	Division of Fisheries Science	Indian J Animal Health	2023	ISSN: 0019-5057
234	Visualization of poikilocytosis as an emerging erythrocytic biomarker for fish health assessmen	Avishek Bardhan, Thangapalam Jawahar Abraham, Ratnapriya Das, and Prasanna Kumar Patil	Division of Fisheries Science	Animal Research and One Health	2023	ISSN: 2835-5075
235	Insights into gill histology and erythro-morphological alterations in juvenile <i>Oreochromis niloticus</i> under acute salt exposure	Avishek Bardhan and H Shivananda Murthy	Division of Fisheries Science	The Pharma Innovation	2023	ISSN: 2277-7695
236	A Study of Agriculture and Groundwater Utilization in West Bengal	Subhadip Pal, Parvez Mallick, Agniswar Jha Chakraborty, Sk. Mahidur Rahaman, Abhijit Kumar Nandi	School of Agriculture & Allied Sciences (SAAS)	The Scientist	2023	NA
237	Water Footprint and Productivity of Lettuce with Non-conventional Water Resources	Amit Biswas, Swarnali Duary, Aminul Islam and Shraddha Bhattacharjee	Department of Agriculture Extension	Biological Forum – An International Journal	2023	ISSN: 2249-3239
238	Implications of minimum tillage and integrated nutrient management on yield and soil health of rice-lentil cropping system – being a resource conservation technology	Urjashi Bhattacharya, Manish Kumar Naska, Visha Kumari Venugopalan4, Smritikana Sarkar, Pintoo Bandopadhyay, Sagar Maitra, Ahmed Gaber, Amnah Mohammed Alsuhaibani and Akbar Hossain	Department of Agronomy	Frontiers in Sustainable Food System	2023	ISSN: 2571-581X
239	Improving Crop Nutrition through Ecofriendly Biofertilizers: Concept, Types and Benefits in Agriculture	Bishal Mukherjee, Saumi Goswami, Pragun Pal, Tanuj Kumar Mandal, Urjashi Bhattacharya, Manish Kumar Naskar and Suman Dutta	Department of Agronomy	International Journal of Bioresource Science	2023	ISSN: 2454-9541
240	Intervention of Soil Salinity in Agriculture of Indian Sundarbans: A review	Tanuj Kumar Mandal, Pijush Das, Mousumi Mondal and Indrani Khoso	Department of Agronomy	International Journal of Bioresource Science	2023	ISSN: 2454-9541
241	Effect of Sulphur Fertilization and Dates of Sowing on the Growth, Yield Attributes and Yield of Sunflower under Coastal Saline Soil of West Bengal	Tanuj Kumar Mandal, Pijush Das, Bishal Mukherjee and Tadiboina Gopala Krishna	Department of Agronomy	International Journal of Bioresource Science	2023	ISSN: 2454-9541
242	Extraction of leaf essential oil from ‘Khasia’ landrace of Piper betle L.: An innovative business input to conventional agroforestry system	Bidisha Mondal	Department of genetics and plant breeding	Forestry Ideas	2023	ISSN: 2603-2996
243	Evaluation of foliar application of nano-fertilizers (nitrogen, zinc, copper) on growth and yield of rice (<i>Oryza sativa</i> L.) in kharif season	Sushil Kumar Kothari, Sruba Saha and Parvez Mallick	School of Agriculture & Allied Sciences (SAAS)	The Pharma Innovation Journal	2023	ISSN: 2277-7695
244	Salinity influences on different growth stages of sesame (<i>Sesamum indicum</i> L.) varieties	Sruba Saha, Arghya Banerjee, Trisha Manna, Shobhanika Barik and Sushil Kumar Kothari	School of Agriculture & Allied Sciences (SAAS)	The Pharma Innovation Journal	2023	ISSN: 2277-7695
245	Impact of pre-harvest foliar application of Jasmonic acid and soil cover of different organic mulching on physico-chemical attributes and post-harvest qualities of mango cv. Himsagar	Susmita Dey, Soustav Datta, Gouri Mandi, Chinmoy Mandal and Sarthak Bhattacharya	School of Agriculture & Allied Sciences (SAAS)	The Pharma Innovation Journal	2023	ISSN: 2277-7695
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244	Salinity influences on different growth stages of sesame (<i>Sesamum indicum</i> L.) varieties	Sruba Saha, Arghya Banerjee, Trisha Manna, Shobhanika Barik and Sushil Kumar Kothari	School of Agriculture & Allied Sciences (SAAS)	The Pharma Innovation Journal	2023	ISSN: 2277-7695
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246	Effect of Gibberellic Acid (GA3) on Vegetative and Reproductive Growth and Yield Characters of Cucumber (<i>Cucumis sativus</i>) under Costal Region of West Bengal, India	Riman Saha Chowdhury, Vishal Kumar, Sarthak Bhattacharya, Parvez Mallick, Abhishek Ghosh, Shraddha Bhattacharjee and Sushil Kumar Kothari	Department of Horticulture and Food Science	International Journal of Plant & Soil Science	2023	ISSN: 2320-7035
247	Effect of Date of Planting and Spacing on Growth and Yield of Sprouting Broccoli (<i>B. oleraceae</i> (L.) var. italica Plenck) cv. Green Magic	Tanmoy Saha, Shibnath Basfore, Riman Saha Choudhury, Subhamoy Sikder and Manoj Kanti Debnath	Department of Horticulture and Food Science (SAAS)	International Journal of Bioresource and Stress Management	2023	ISSN: 0976-4038

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
248	Rainfall probability and trend analysis for strategic crop planning with their impact on the existing cropping system in the new alluvial plains of West Bengal	Trisha Manna	Department of Soil Science & Agrocultural Chemistry (SAAS)	Journal of Crop and Weed	2023	ISSN: 2349 9400
249	Biomass and essential oil yield of Ocimum basilicum L. in south 24 Parganas of West Bengal	Sruba Saha and Sushil Kumar Kothari	Department of genetics and plant breeding (SAAS)	International Journal of Chemical Studies	2023	P-ISSN: 2349-8528 E-ISSN: 2321-4902
250	Evaluation of sesame (Sesamum indicum L.) germplasm based on agro morphological traits under soil salinity stress	Sruba Saha and Sushil Kumar Kothari	Department of genetics and plant breeding (SAAS)	International Journal of Chemical Studies	2023	P-ISSN: 2349-8528 E-ISSN: 2321-4902
251	Genetic variability for yield and yield attributing traits in sesame (Sesamum indicum L.) genotypes under soil salinity stress	Sruba Saha, Shobhanika Barik and Sushil Kumar Kothari	Department of genetics and plant breeding (SAAS)	Journal of Pharmacognosy and Phytochemistry	2023	E-ISSN: 2278-4136 P-ISSN: 2349-8234
252	Growth analysis and partitioning study of different promising lentil varieties under coastal saline zone of West Bengal	Pragun Pal, Bishal Mukherjee and Saumi Goswami	Department of Biochemistry and Crop Physiology (SAAS)	International Journal of Chemical Studies	2023	P-ISSN: 2349-8528 E-ISSN: 2321-4902
253	Metabolic Reprogramming in Nerve Cells	Susinjan Bhattacharya	Department of Agricultural Microbiology (SAAS)	American Journal of Biomedical Science & Research	2023	ISSN: 2642-1747
254	Glance at Vedic education and An Expected Modern Education System	Susinjan Bhattacharya, Soma Mukherjee	Department of Agricultural Microbiology (SAAS)	Journal of Emerging Technologies and Innovative Research	2023	ISSN-2349-5162
255	Control and Management of Road Accidents by a New Smart Device	Soma Mukherjee, Biswajit Mandal, Debanjan Datta and Susinjan Bhattacharya	Department of Agricultural Microbiology (SAAS)	International Advanced Research Journal in Science, Engineering and Technology	2023	ISSN (Online) 2393-8021 ISSN (Print) 2394-1588
256	Overcoming Antibiotic Resistance	Sumit Biswas, Partha Pratim Mandal, Susinjan Bhattacharya and Soma Mukherjee	Department of Agricultural Microbiology (SAAS)	International Journal of Current Microbiology and Applied Sciences	2023	ISSN:2319-7692(Print), ISSN:2319-7706(Online)
257	Organic Matter Decomposition: A View on The Fate of Lignocellulosic Materials	Susinjan Bhattacharya	Department of Agricultural Microbiology (SAAS)	Discoveries in Agriculture and Food Sciences	2023	ISSN 2756-2700
258	Management Of E-waste - A Potential Threat To The Environment	Soma Mukherjee, Susinjan Bhattacharya, Diprit Turul, Pramila Das, and Aritra Chakraborty	Department of Agricultural Microbiology (SAAS)	Journal of Emerging Technologies and Innovative Research	2023	ISSN-2349-5162
259	Impact of Organic Manures and Biofertilizers on Yield and Quality Attributes of Broccoli (Brassica oleracea L. var. italica) cv-N.S.-50	Monika Jain, Krishna Kumar Mishra, Abhishek Anand and Shobhanika Barik	Agriculture Engineering (SAAS)	Ecology Environment & Conservation	2023	PRINT ISSN: 0971-765X
260	Performance Evaluation of Low-cost Grain Dryer	Abhishek Anand, Saurabh Sid, Mukesh Shrivastva, Dinesh Rajak, Aminul Islam and Monika Jain	Agriculture Engineering (SAAS)	Ecology Environment & Conservation	2023	PRINT ISSN: 0971-765X
261	Protective role of Vernonia Cinerea against the Carmoisine induced brain injury and anxiogenic effect in mice	Navaneetha Krishnan Subramaniam, Karthikeyan Elumalai, Jayaraman Rajangam, Narahari N Palei, Divya Talari, Anna Balaji & Vijayaraj Surendran	School of Pharmacy	Egyptian Journal of Basic and Applied Sciences	2023	ISSN: 2314-808X
262	Green Synthesis of Silver Nanoparticles of Vernonia cinerea Leaf Extract and their In vitro Cytotoxicity Activity against Neuroblastoma SHSY5Y Cell Lines, Antimicrobial and Antioxidant Studies	Authors: Palei, Narahari N.; Krishnan, S. N.; Jayaraman, R.; Reddy, S. Hemanth; Balaji, Anna; Samanta, Malay K.; Mohanta, Bibhash C.	School of Pharmacy	Recent Patents on Nanotechnology	2023	ISSN: 2212-4020
263	Antimicrobial and In-Vitro Cytotoxicity Effect of Green Synthesized Silver Nanoparticles Using Aqueous Leaf Extract of Senna Hirsuta	Narahari N. Palei, M.P. Bhuvana, R. Jayaraman and Arghya Kusum Dhar	School of Pharmacy	Bulletin of Pharmaceutical Sciences	2023	ISSN: 3009-7703
264	Impact of Technology on Alzheimer's Patients to Memorize Things	Chinmaya Mahapatra, Soham Mandal, Abhra Das, Rasmita Jena,Pragati Baghel, Satyabrata Jena	School of Pharmacy	European Chemical Bulletin	2023	ISSN: 2063-5346
265	A Review on Pharmacological Activities of Gardenia Jasminoides (Rubiaceae) A Plant Having Immense Medicinal Potentiality	Ankita Bairagi Anjushree Purkait Debajit Dewan Subhasish Mondal Parag Ghosh Mahua Bera Subhadip Manna Souranava Jana Pratyush Maity Soham Mandal	School of Pharmacy	HIV Nursing	2023	ISSN: 1474-7359
266	Assessment of Leptin Levels and Their Correlation With the Severity of Obstructive Sleep Apnea Syndrome: A Case-Control Study	Kuldeep Patial , Hara Prasad Mishra , Giridhari Pal , Tarun Kumar Suvvari , Chinmaya Mahapatra , Nidhal A. Amanullah , Indrajeet Singh , SN Gaur , Rajendra K. Behera	School of Pharmacy	Cureus	2023	ISSN: 2168-8184

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
267	Oxidative Stress in Wistar Rats Under Acute Restraint Stress and Its Modulation by Antioxidants and Nitric Oxide Modulators	Giridhari Pal , Hara Prasad Mishra , Tarun Kumar Suvvari , Anshul Tanwar , Tamoghna Ghosh , Pankaj Verma , Abhilasha Pal , Kuldeep Patial , Chinmaya Mahapatra , Nidhal A. Amanullah , Sara A. Shukoor , Sibin Kamal , Vishwajeet Rohil	School of Pharmacy	Cureus	2023	ISSN: 2168-8184
268	Effect of nanomaterials in catheter related nosocomial infection	Sujayita Mazumder, Gopa Roy Biswas, Anamika Saha	School of Pharmacy	Journal of medical pharmaceutical and allied sciences	2023	ISSN: 2320-7418
269	Small-molecule oligonucleotides as smart modality for antiviral therapy: a medicinal chemistry perspective	Sidhartha S Kar, Arghya Kusum Dhar, Narahari N Palei & Shvetank Bhatt	School of Pharmacy	Future Medicinal Chemistry	2023	ISSN: 1756-8919
270	A Review on Ethnopharmacological Activities of Musa paradisiaca (Linn.)	Rajeswar Das, Durgaprasad Kemiseti, Bolay Bhattacharya	School of Pharmacy	European Chemical Bulletin	2023	ISSN: 2063-5346
271	Preparation, Characterization and Evaluation of Resveratrol Loaded Pegylated PLGA Nanoparticles	Shashi Ranjan, Subas Chandra Dinda	School of Pharmacy	Journal of Young Pharmacists	2023	ISSN: 0975-1505
272	Harnessing the potential of probiotics in the treatment of alcoholic liver disorders	Garima Mishra, Pradeep Singh, Mulugeta Molla, Yohannes Shumet Yimer, Subas Chandra Dinda, Phool Chandra, Bhuvnesh Kumar Singh, Samuel Berihun Dagnew, Abraham Nigussie Assefa and Amien Ewunetie	School of Pharmacy	Frontiers in Pharmacology	2023	ISSN: 1663-9812
273	Preparative Isolation, Characterization, and Acute Toxicity Study of Quercetin from the Whole Plant of Basella Alba	Abhijit Bose, Sabyasachi Banerjee, Sankhadip Bose, Sudip Kumar Mandal, Kamalika Mazumder, Subhasis Maity	School of Pharmacy	European Chemical Bulletin	2023	ISSN: 2063-5346
274	A Comprehensive Review on Natural Products Caused Allergy and Its Mechanism	Sankhadip Bose , Partha Pratim Das , Sabyasachi Banerjee , Pranabesh Chakraborty	School of Pharmacy	Journal of Herbal Medicine	2023	ISSN: 2210-8041
275	Comprehensive Ethnomedicinal, Pharmacological and Phytochemical Report on Basella alba L. (Basellaceae)	Abhijit Bose, Sabyasachi Banerjee, Sudip Kumar Mandal, Sankhadip Bose and Subhasis Maity	School of Pharmacy	Journal of Natural Remedies	2023	ISSN: 2320-3358
276	Sonneratia apetala: Its Ecology, Bioactive Compounds and Biological Activities Including its Nano-formulations	Sankhadip Bose, Sujayita Mazumder, Somsubhra Ghosh, Sabyasachi Banerjee, Swarnali Roy and Nardev Singh	School of Pharmacy	Journal of Natural Remedies	2023	ISSN: 2320-3358
277	Pass Online Screening for Activity, Insilico and Invitro Anti-Diabetic Activity of Some Novel Thiazolidinone	Lavande J. P., Swati Nilesh Deshmukh, Niraj Gupta, Soham Mandal, P. Parthiban, Ujash kumar Shah, Sheik Nasar I, Pavankumar D Chopade	School of Pharmacy	European Chemical Bulletin	2023	ISSN: 2063-5346
278	Attributional and Substantial Assessment of Comestible Product for Sustainable Development in Hospitality Industry	Sumit Das & Sweta Rani	School of Hospitality & Culinary Art	The Ciência & Engenharia - Science & Engineering Journal	2023	ISSN: 0103-944X
279	Study of Career Perception of Hotel Management Students after undergoing aninternship	Das, A., & Sharma, U.	School of Hospitality & Culinary Art	Shodha-Prabha	2023	ISSN No: 0974-8946
280	Studies on The Family's Contribution in Generating Competencies in English Communication: Understanding Employment Opportunities Amongst Hospitality Students in India	Ghosh, R., Mitra, K., Chatterjee, A., & Chaudhury, S.R.	School of Hospitality & Culinary Art	Journal of Indian School of Political Economy	2023	Print ISSN: 0971-0396
281	Risk of Venous Thromboembolism Among Individuals who Frequently Travel by Flight for Work	Pritha Sarkar, Sunita Srivastava, Smritikana Mani, Anu Gauba	School of Nursing	International Journal of Advancement in Life Sciences Research	2023	Online ISSN: 2581-4877
282	Identification of Correlation among Field Farmers' Work Ability Index, Occupational Stress Level and Practiced Coping Mechanism in a Selected Rural Area, West Bengal	Indrakshi Basu, Rajadurai Premavathy and Smritikana Mani	School of Nursing	Journal of Ecophysiology and Occupational Health	2023	ISSN (Print): 0972-4397 ISSN (Online): 0974-0805
283	Structure-activity insights of harmine targeting DNA, ROS inducing cytotoxicity with PARP mediated apoptosis against cervical cancer, anti-biofilm formation and in vivo therapeutic study	Sarita Sarkar , Prosun Tribedi & Kakali Bhadra	Department of Biotechnology	Journal of Biomolecular Structure and Dynamics	2022	ISSN:0739-1102E- ISSN:1538-0254
284	Serratia sp. scl1: isolation of a novel thermostable lipase producing microorganism which holds industrial importance	Shaikh Rajesh Ali · Syeda Sagufta Sultana · Sisir Rajak · Prosun Tribedi · Sibani Sen Chakraborty	Department of Biotechnology	Antonie van Leeuwenhoek	2022	Electronic ISSN 1572-9699 Print ISSN 0003-6072

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
285	Identification of a novel quinoline-based UV-protective pigment from a psychotropic Arctic bacterium	Sukhendu Mandal Shampa Kundu Md Raihan Uddin Prasenjit Das Payel Paul Pranab Roy Prosun Tribedi Prithidipa Sahoo	Department of Biotechnology	Journal of Applied Microbiology	2022	Online ISSN 1365-2672 Print ISSN 1364-5072
286	Mechanistic insight into the synergism of IL-27 and IL-28B in regulation of benzo (a) pyrene-induced lung carcinogenesis associated ROS/NF-κB/NLRP3 crosstalk	Debabrata Majumder, Chaitali Sarkar, Rahul Debnath, Prosun Tribedi, Debasish Maiti	Department of Biotechnology	Chemico-biological interactions	2022	Online ISSN: 1872-7786 Print ISSN: 0009-2797
287	Bioaugmentation of Enterobacter cloacae AKS7 causes an enhanced degradation of low-density polyethylene (LDPE) in soil: a promising approach for the sustainable management of LDPE waste	Ranojit Kumar Sarker · Poulomi Chakraborty · Subhasis Sarkar· Mahashweta Mitra Ghosh · Prosun Tribedi	Department of Biotechnology	Archives of Microbiology	2022	Electronic ISSN 1432-072X Print ISSN 0302-8933
288	Piperine exhibits promising antibiofilm activity against Staphylococcus aureus by accumulating reactive oxygen species (ROS)	Sharmistha Das1 · Payel Paul1 · Sudipta Chatterjee1 · Poulomi Chakraborty1 · Ranojit K. Sarker1 · Amlan Das2 · Debasish Maiti3 · Prosun Tribedi	Department of Biotechnology	Archives of Microbiology	2022	Electronic ISSN 1432-072X Print ISSN 0302-8933
289	Periodontal Film: A Potential Treatment Strategy for Periodontitis	Debabrata Ghosh Dastidar, Avinandan Ash, Debjani Saha, Poulomi Chakraborty and Prosun Tribedi	Department of Biotechnology	Drug Delivery Letters	2022	ISSN (Print): 2210-3031 ISSN (Online): 2210-304X
290	Dependence of exchange bias on interparticle interactions in Co/CoO Core/shell nanostructures	Goswami, S., Gupta, P., Nayak, S., Bedanta, S., Iglesias, Ó., Chakraborty, M., & De, D.	Department of Basic Sciences	Nanomaterials	2022	ISSN: 2079-4991
291	Nitrogen-doped biochars as adsorbents for mitigation of heavy metals and organics from water: A review	Kasera, N., Kolar, P., & Hall, S. G.	Department of Basic Sciences	Biochar	2022	Electronic ISSN 2524-7867
292	Biochar modification methods for augmenting sorption of contaminants	Kumar, A., Bhattacharya, T., Shaikh, W. A., Chakraborty, S., Sarkar, D., & Biswas, J. K.	Department of Basic Sciences	Current Pollution Reports	2022	EISSN 2198-6592
293	Removal of toxic dye from dye-laden wastewater using a new nanocomposite material: isotherm, kinetics and adsorption mechanism	Shaikh, W. A., Kumar, A., Chakraborty, S., Naushad, M., Islam, R. U., Bhattacharya, T., & Datta, S.	Department of Basic Sciences	Chemosphere	2022	Online ISSN: 1879-1298 Print ISSN: 0045-6535
294	A mathematical approach to evaluate the extent of groundwater contamination using polynomial approximation	Agrawal, P., Sinha, A., Pasupuleti, S., Sinha, J., Chatterjee, A., & Kumar, S.	Department of Basic Sciences	Water Supply	2022	ISSN 1606-9749 EISSN 1607-0798
295	Advances in analytical solutions for time-dependent solute transport model	Kumar, R., Chatterjee, A., Singh, M. K., & Tsai, F. T.	Department of Basic Sciences	Journal of Earth System Science	2022	E ISSN 0973-774X
296	Electro-Magnetic switching in NiO-Graphene film. In IOP Conference Series: Materials Science and Engineering	Goswami, S., Chakraborty, M., & De, D.	Department of Basic Sciences	IOP Publishing	2022	ISSN: 1757-899X
297	Synthesis and characterization of Ni grafted RGO—A nanocomposite with tunable magnetic properties	Goswami, S., Banerjee, A., Chakraborty, M., & De, D.	Department of Basic Sciences	Solid State Communications	2022	Online ISSN: 1879-2766Print ISSN: 0038-1098
298	Creating a Framework to Strengthen Cryptographic Security for Group Communication by Distributing Processed Keys	Haldar, B., Sinha, R., & Paul, P.	Computer Science & Engineering	Mathematical Statistician and Engineering Applications	2022	E-ISSN : 2984-7869
299	Developing a hybrid software reliability growth model	Shrivastava, A. K., & Sharma, R.	Computer Science & Engineering	International Journal of Quality & Reliability Management	2022	ISSN: 0265-671X
300	Marketing Strategies of Jio and BSNL in the Telecom Industry with respect to 5G Services in India	Mushtaq Ahmad	Department of Management	International Journal of All Research Education and Scientific Methods	2022	ISSN: 2455-6211
301	Role of Various E-Commerce Entities under the Consumer Protection Act, 2019 and the Consumer Protection (E-Commerce) Rules, 2020: A Jurisprudential Insight	Singh, R. K., Dhar, S.	Department of Law	CPJ Law Journal	2022	ISSN, 0976-3562
302	Dharamtar estuary: Unexplored ichthyofaunal diversity, a thrust area for diversity conservation	V Pathaka,b, R N Bhutiaa , S Chennuria , R Kumarc , S Bhushana , G Deshmukhea & A K Jaiswar	Division of Fisheries Science	Indian Journal of Geo Marine Sciences	2022	ISSN: 2582-6506
303	Artificial intelligence enabled non-invasive T-ray imaging technique for early detection of coronavirus infected patients	Swarnava Biswas, Saikat Adhikari, Riddhi Chawla, Niladri Maiti, Dinesh Bhatia, Pranjal Phukan, and Moumita Mukherjee	Medical Laboratory Technology	Informatics in Medicine Unlocked	2022	ISSN: 2352-9148
304	Strategies for Carbon Emission Minimization Target in Sundarban Delta Region of West Bengal, India	A.K. Mondal	School of Agriculture & Allied Sciences (SAAS)	Internatiiona Journal of Advance & Innovative Research	2022	ISSN: 2278-7844

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
305	An assessment of marketable and marketed surplus of major foodgrains of Nadia district of West Bengal	M. Mondal, A. Jha Chakraborty and K. Bera	Department of Agriculture Economics (SAAS)	Journal of Crop and Weed	2022	ISSN: 2349-9400
306	Decadal Change in Ground Water Utilization Pattern in West Bengal, India	Subhadip Pal, Agniswar Jha Chakraborty a, Sk. M. Rahaman and Abhijit Kr. Nandi	Department of Agriculture Economics (SAAS)	Asian Journal of Agricultural Extension, Economics & Sociology	2022	ISSN: 2320-7027
307	Development of a low-cost cultivation medium for simultaneous production of biodiesel and bio-crude from the chlorophycean microalga Tetradesmus obliquus: A renewable energy	Shankha Koley, Sashi Sonkar, Sourav Kumar Bagchi, Reeza Patnaik, Nirupama Mallick	Department of Agriculture Engineering (SAAS)	Journal of Cleaner Production	2022	ISSN: 1879-1786
308	Aromatic plants: Role and uses in human prosperity and sustainability	Sarthak Bhattacharya, Tanushree Saha, Pijush Das, Solanki Sarkar, Shankha Koley, Shraddha Bhattacharjee, Parvez Mallick, Subhadip Pal, Riman Saha Chowdhury and Agniswar Jha Chakraborty	School of Agriculture & Allied Sciences (SAAS)	The Pharma Innovation Journal	2022	ISSN: 2277-7695
309	Effect of Irrigation and Mulching on Growth, Yield Attributes and Yield of Safflower Under Safflower-Chickpea Intercropping System in Indian Sub-continent	Tanuj K. Mandal, Pijush Das and Mousumi Mondal	Department of Agronomy (SAAS)	International Journal of Bioresource Science	2022	ISSN: 2454-9541
310	Extraction of Betel Leaf Essential Oil for the Sustainable Solution to Betel Business in West Bengal for Effective Economic Gain:A Review	Bidisha Mondal	Department of Genetics and Plant Breeding (SAAS)	The Mysore Journal of Agricultural Science	2022	ISSN: 0047-8539
311	Cost Effective Essential Oil Extraction from Surplus Betel (Piper betle L.) Leaves	Bidisha Mondal	Department of Genetics and Plant Breeding (SAAS)	Asian Journal of Biological and Life Sciences	2022	ISSN: 2278-5957
312	Gene Mining for Management of Psychological and Neurodevelopmental Disorders- A Review	Bidisha Mondal and Gouranga Mitra	Department of Genetics and Plant Breeding (SAAS)	Asian Journal of Biological and Life Sciences	2022	ISSN: 2278-5957
313	Development of a regional climate change perception index based on traditional knowledge base of small-marginal farmers	S Bhattacharjeea, J K Das, S Roy, & S Chakrabarti	Department of Agriculture Extension (SAAS)	Indian Journal of Traditional Knowledge	2022	ISSN: 0972-5938
314	Design of Supervisory Predictive Control for Fresh water Production from Alternate Energy Sources	Aminul Islam	Department of Agriculture Engineering (SAAS)	Advances in Bioresearch	2022	E ISSN 2277-1573
315	Morpho-phenetic, biochemical and storage characteristics studies of Chilli (Capsicum annum L.) genotypes ubder Terai Agro-Ecological Region of west Bengal	Riman Saha Chaudhury	Department of Horticulture and Food Science (SAAS)	Environment & Ecology	2022	ISSN 0970-0420
316	Epidemiology of most neglected crop disease " Tip Blight of Tuberose"	Solanki Sarkar	Plant Pathology (SAAS)	GIS Science Journal	2022	ISSN:1869-9391E-ISSN:2698-4571
317	A Study on Factors Affecting Marketed and Marketable Surplus of Major Food Grains of Nadia District of West Bengal	Mridul Mondal, A. Jha Chakraborty and B. K. Bera	Department of Agricultural Economics (SAAS)	International Journal of Current Microbiology and Applied Sciences	2022	ISSN: 2319-7692(Print), ISSN: 2319-7706(Online)
318	Viviparous germination in Alpinia purpurata (Vieill.) K.Schum	Sarthak Bhattacharya and Bharat Chandra Saha	Department of Horticulture (SAAS)	Scientific Research Journal of Agriculture and Life Sciences	2022	ISSN 2788-9378 (Print) ISSN 2788-9386 (Online)
319	A Comprehensive Review on Musa paradisiaca Taxonomical, Morphological Classification and its Pharmacological Activities	Durgaprasad Kemiseti, Rajeswar Das, Bolay Bhattacharya	School of Pharmacy	Journal of Pharmaceutical Negative Results	2022	ISSN: 2229-7723
320	Ameliorative Potential of Rosuvastatin on Doxorubicin-induced Cardiotoxicity by Modulating Oxidative Damage in Rats	Siçanlarda Oksidatif Hasar Modülasyonuyla Doksorubisinin İndüklediği Kardiyotoksisite Üzerine Rosuvastatinin İyileştirici Potansiyeli	School of Pharmacy	Turkish Journal of Pharmaceutical Sciences	2022	ISSN: 2148-6247
321	Formulation, Standardization, and Evaluation of Vaiśvānaracūrṇa Tablet	Rishi Kumar, Saptarshi Samajdar1 , Rupa Mazumder2 , Amrish Chandra	School of Pharmacy	Ancient Science of Life	2022	ISSN: 2249-9547
322	Efficacy of gabapentin for low back pain at a tertiary hospital: A prospective observational study	Navaneetha Krishnan Subramanian, VV. Ramesh Chandra, Karthikeyan Elumalai, Narahari N Palei, Tiruveedi Kusuma, Vadlamuri Venkata Prasad, Yellanti Bala Venkata Bhargav Phani, Mungara Yeshwanth Sai, Pradeep Battula, Anna Balaji	School of Pharmacy	Journal of Acute Disease	2022	ISSN: 2221-6189

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
323	Antihyperlipidemic Activity of Feronia limonia Leaves Extract against Triton X 100 and High Fat Induced Hyperlipidemic in Rats	Sravanthi P, Ramya Krishna P.S., Narahari N. Palei, Sannidhi Nagarjuna	School of Pharmacy	Research Journal of Pharmacy and Technology	2022	ISSN: 0974-360x
324	Lamotrigine Novel Cocystals: An Attempt To Enhance Physicochemical Parameters	Ramu Samineni, Jithendra Chimakurthy, Narahari Narayan Palei, Phani Krishna Yella, Sabareesh M , Guru Prasad M	School of Pharmacy	Journal of Pharmaceutical Negative Results	2022	ISSN: 2229-7723
325	Investigating the Role of the Reduced Solubility of the Pirfenidone–Fumaric Acid Cocystal in Sustaining the Release Rate from Its Tablet Dosage Form by Conducting Comparative Bioavailability Study in Healthy Human Volunteers	Nimmy Kumari, Parag Roy, Sukanta Roy, Prashantkumar K., Parmar Soumalya, Chakraborty Sourav ,Das Noopur Pandey, Anirbandeep Bose , Arvind Kumar Bansal, Animesh Ghosh	School of Pharmacy	Journal of the American Chemical Society	2022	ISSN: 0002-7863
326	Structure based Molecular Docking Analysis for Selected Phytochemicals from Murraya koenigii Targeting Aromatase Receptor against Breast Cancer	Saptarshi Samajdar	School of Pharmacy	Indian Journal of Natural Sciences	2022	ISSN: 0976 – 0997
327	Green Synthesis:Natural Way for Gold Nanoparticles Synthesis and Application	BrajaBihari Panda, Soham Mandal	School of Pharmacy	High Technology Letters	2022	ISSN: 1006-6748
328	A Holistic Approach on Phytochemical & Pharmacological Activities of Croton Bonplandianum (Euphorbiaceae): Nature Genesis	Subhadip Bhowmik, Debajit Dewan, Parag Ghosh, Rishov Singha, Ankita Bairagi, Susobhan Mondal, Anjushree Purkait, Kunal Bera, Soumyadip Halder, Nilesh Naskar	School of Pharmacy	Neuroquantology	2022	ISSN: 1303-5150
329	A Systemic Review On Treatment Of Neglected Tropical Disease Using Nanoparticulate Drug Delivery System	Parag Ghosh1, Debajit Dewan, Soham Mondal, Rishov Singha, Souranava Jana, Ayan Pani, Soumyadip Halder, Nilesh Naskar	School of Pharmacy	Journal of Pharmaceutical Negative Results	2022	ISSN: 2229-7723
330	Systemic Optimization and Validation of RP-HPLC Method for the Estimation of Ritonavir from Hybrid Polymeric Nanoparticles in Rat Plasma	Surendran, Vijayaraj; Palei, Narahari N.; Vanangamudi, Murugesan; Madheswaragupta, Prathap	School of Pharmacy	Current Pharmaceutical Analysis	2022	ISSN: 1875-676X
331	Energy Auditing and Consumption Analysis of Hostels of The Neotia University	Anirban Maity, Sumit Kumar Pal, Kuntal Dhanki, Sajjan Kuma, Pulok Pattayanak	School of Maritime Studies	Journal of Harvesting Energy	2022	ISSN: 2583-3197
332	Cuminaldehyde exhibits potential antibiofilm activity against Pseudomonas aeruginosa involving reactive oxygen species (ROS) accumulation: a way forward towards sustainable biofilm management	Sudipta Chatterjee · Payel Paul · Poulomi Chakraborty · Sharmistha Das · Ranojit Kumar Sarker · Subhasis Sarkar · Amlan Das · Prosun Tribedi	Department of Biotechnology	3 Biotech	2021	Electronic ISSN 2190-5738
333	Bromelain and Olea europaea (L.) leaf extract mediated alleviation of benzo (a) pyrene induced lung cancer through Nrf2 and NFκB pathway	Debabrata Majumder, Rahul Debnath, Priyatosh Nath, K. V. Libin Kumar, Mousumi Debnath, Prosun Tribedi, Debasish Maiti	Department of Biotechnology	Environmental Science and Pollution Research	2021	Electronic ISSN 1614-7499
334	An interesting approach for Biofilm disruption by Thermocouple device	Krithika Parthiban, Pragya Tamarakar, Mahua Ghosh, Priya Gopal, Prosun Tribedi, Bannhi Das	Department of Biotechnology	Current Trends in Biotechnology and Pharmacy	2021	Print ISSN: 0973-8916; Online ISSN: 2230-7303
335	Tryptophan interferes with the quorum sensing and cell surface hydrophobicity of Staphylococcus aureus: a promising approach to inhibit the biofilm development	Payel Paul· Poulomi Chakraborty · Ranojit K. Sarker · Ahana Chatterjee · Debasish Maiti · Amlan Das · Sukhendu Mandal · Surajit Bhattacharjee · Debabrata Ghosh Dastidar · Prosun Tribedi	Department of Biotechnology	3 Biotech	2021	Electronic ISSN 2190-5738
336	1, 4-Naphthoquinone disintegrates the pre-existing biofilm of Staphylococcus aureus by accumulating reactive oxygen species	Payel Paul · Sharmistha Das · Sudipta Chatterjee · Aditya Shukla · Poulomi Chakraborty · Sarita Sarkar · Debasish Maiti · Amlan Das · Prosun Tribedi	Department of Biotechnology	Archives of Microbiology	2021	Electronic ISSN 1432-072X Print ISSN 0302-8933
337	Exploration of strategies for the enhanced biodegradation of Low-Density Polyethylene (LDPE) by a soil bacterium Enterobacter Cloacae AKS7	Ranojit Kumar Sarker, Payel Paul, Sharmistha Das, Sudipta Chatterjee, Poulomi Chakraborty and Prosun Tribedi	Department of Biotechnology	Journal of Pure and Applied Microbiology	2021	Print ISSN: 0973-7510 Online ISSN: 2581-690X
338	Isolation of a soil bacterium for remediation of polyurethane and low-density polyethylene: a promising tool towards sustainable cleanup of the environment	Rusha Roy · Goutam Mukherjee · Anirban Das Gupta · Prosun Tribedi· Alok Kumar Sil	Department of Biotechnology	3 Biotech	2021	Electronic ISSN 2190-5738
339	Coexistence of exchange bias and memory effect in nanocrystalline CoCr2O4	Goswami, S., Gupta, P., Bedanta, S., Chakraborty, M., & De, D.	Department of Basic Sciences	Journal of Alloys and Compounds	2021	Print ISSN: 0925-8388Online ISSN: 1873-4669
340	Evaluation of enzymatic delignification of rice straw residues for bioethanol production	Bera, S., Banerjee, T., & Samanta, A.	Department of Basic Sciences	International Journal of Renewable Energy Technology	2021	Online ISSN: 1757-Print ISSN 398X 1757-3971

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
341	α -Fe2O3 Nanoparticles Embedded in ag-C3N4 Nanocomposite: Optical, Magnetic and Electrochemical Study	Dutta, S., Jana, T. K., Maiti, R., De, K., & Chatterjee, K.	Department of Basic Sciences	Chemistry Select	2021	Online ISSN:2365-6549 Print ISSN:2365-6549
342	An analytical 2-D model of triple metal double gate graded channel junctionless MOSFET with hetero-dielectric gate oxide stack	Das, S. S., Majumder, B., & Ghosh, A.	Department of Robotics	Solid State Communications	2021	Online ISSN: 1879-2766 Print ISSN: 0038-1098
343	Importance of digital technology in English language learning	Aliya Halim	Department of English	Journal of linguistics and english languag teaching	2021	ISSN: 2582-8959
344	COVID: A Hardware Accelerated Soft Computing Enabled Intelligent Value Chain Based Diagnostic Automation for nCOVID 19 Estimation and Identification	Swarnava Biswas, Debajit Sen, Dinesh Bhatia, and Moumita Mukherjee	Medical Laboratory Technology	International Journal of Statistics in Medical Research	2021	ISSN: 1929-6029
345	A Pragmatic Approach for Detecting nCOVID-19 using Pervasive Computing Based on Dual Diagnostic Measures	Swarnava Biswas, Chandranath Chakraborty, Riddhi Chawla, Dabosmita Paul, Debajit Sen, Niloy Sarkar, and Moumita Mukherjee	Medical Laboratory Technology	International Journal of Statistics in Medical Research	2021	ISSN: 1929-6029
346	Chest X-Ray image and pathological data based artificial intelligence enabled dual diagnostic method for multi-stage classification of COVID-19 patients	Swarnava Biswas, Debajit Sen, Dinesh Bhatia, Pranjal Phukan, and Moumita Mukherjee	Medical Laboratory Technology	AIMS Biophysics	2021	ISSN: 2377-9098
347	Human Resource Issues and Corporate Governance: A Social and Humanitarian Approach	Singh, R. K., Dhar, S.	Department of Law	CPJ Law Journal	2021	ISSN, 0976-3562
348	Executive Power to Undo Punishment vis-à-vis Doctrine of Precedent	Dhar Chakraborty, P.	Department of Law	Indian Journal of Law and Justice	2021	ISSN: 0976-3570
349	Judiciary: A better statutory Armor to combat the evil of Gender Discrimination	Dhar Chakraborty, P.	Department of Law	International Journal of Research and Analytical Reviews (IJRAR)	2021	E-ISSN 2348-1269, P-ISSN 2349-5138
350	Innovative Land Arrangement in Combination with Irrigation Methods Improves the Crop and Water Productivity of Rice (Oryza sativa L.) Grown with Okra (Abelmoschus esculentus L.) under Raised and Sunken Bed Systems	Pijush Das, Biswajit Pramanick, Subhendu Bikash Goswami, Sagar Maitra, Sobhy M. Ibrahim, Alison M. Laing and Akbar Hossain	Department of Agronomy (SAAS)	Agronomy	2021	ISSN: 2073-4395
351	Raising Climate-Resilient Embolden Rice (Oryza sativa L.) Seedlings during the Cool Season through Various Types of Nursery Bed Management	Mousumi Mondal, Benurkar Biswas, Sourav Garai, Saju Adhikary, Prasanta Kumar Bandyopadhyay, Sukamal Sarkar, Hirak Banerjee, Koushik Brahmachari, Sagar Maitra, Tanuj Kumar Mandal, Ahmed Gaber 6, Yusuf S. Althobaiti, Bassem M. Raafat and Akbar Hossain	Department of Agronomy (SAAS)	sustainability	2021	ISSN: 2071-1050
352	Assessment of Genetic Stability of Ex-vitro Lime (Citrus aurantifolia) Population Maintained under Nursery Condition in South Bengal	Bidisha Mondal	Department of Genetics and Plant Breeding (SAAS)	Research Journal of Agricultural Sciences	2021	ISSN: 2249-4538
353	Epigenomics: the interplay of genetic and epigenetic factors behind Psychological disorders	Bidisha Mondal and Gouranga Mitra	Department of Genetics and Plant Breeding (SAAS)	Research Journal of Biotechnology	2021	ISSN: 2278-4535
354	Conversion of Metabolomic Data to Genomic Marker for Genetic Characterization of Piper betle L. Chemotypes: A Review	Bidisha Mondal	Department of Genetics and Plant Breeding (SAAS)	Agricultural Reviews	2021	ISSN: 0976-0741
355	Present scenario of research on diseases of medicinal plants with special emphasis on leaf spot disease of Aswagandha [Withania somnifera (L.) Dunal] caused by Colletotrichum gloeosporioides	Solanki Sarkar and Basudeb Dasgupta	Department of Plant Pathology	Journal of Mycopathological Research	2021	ISSN: 2583-6315
356	Application of Molecular Marker in Effective Management of Mandarin Orange Orchards of West Bengal	Bidisha Monda	Department of Genetics and Plant Breeding (SAAS)	Research Journal of Agricultural Sciences	2021	ISSN: 2229-4538
357	Development of Prototype Air Water Generator to Condense Water from Atmospheric Moisture	M. Subash Sundar, Aminul Islam, T. Yellamanda Reddy	Department of Agricultural Engineering	Indian Journal of Ecology	2021	ISSN Online: 0304-5250
358	Exosomes: A Novel Therapeutic Paradigm for the Treatment of Depression	Shvetank Bhatt, Jovita Kanoujia, Arghya Kusum Dhar, Surendar Arumugam, Amanda K A Silva, Neeraj Mishra	School of Pharmacy	Current Drug Targets	2021	ISSN: 1873-5592

Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
359	Biogenic nanoporous silicon carrier improves the efficacy of buparvaquone against resistant visceral leishmaniasis	Rinez Thapal, Subhasish Mondal, Joakim RiikonenI, Jimi Rantanen, Simo Na`kkil, Tuomo Nissinen, Ale Na`rva`nen, Vesa-Pekka Lehto	School of Pharmacy	PLOS Neglected Tropical Diseases	2021	ISSN: 1935-2727
360	Zero Hunger/Zero Waste	Rupam Ghosh, Indranil Chowdhury	School of Hospitality & Culinary Art	Mukt Shabd Journal	2021	ISSN NO : 2347-3150
361	Exploration of strategies to increase the nitrogen and phosphate content of solid waste landfill soil	Poulomi Chakraborty, Rakshita Dave, Payel Paul, Sutirtha Dutta, Subhasis Sarkar, Prosun Tribedi	Department of Biotechnology	Environmental Monitoring and Assessment	2020	Electronic ISSN 1573-2959 Print ISSN 0167-6369
362	Attenuation of Pseudomonas aeruginosa biofilm by thymoquinone: an individual and combinatorial study with tetrazine capped silver nanoparticles and tryptophan	Poulomi Chakraborty, Payel Paul, Monika Kumari, Surajit Bhattacharjee, Mukesh Singh, Debasish Maiti, Debabrata Ghosh Dastidar, Yusuf Akhter, Taraknath Kundu, Amlan Das, Prosun Tribedi	Department of Biotechnology	Folia Microbiologica	2020	Electronic ISSN 1874-9356 Print ISSN 0015-5632
363	1, 4-Naphthoquinone accumulates reactive oxygen species in Staphylococcus aureus: a promising approach towards effective management of biofilm threat	Payel Paul · Poulomi Chakraborty · Ahana Chatterjee · Ranojit K. Sarker · Debabrata Ghosh Dastidar · Taraknath Kundu · Niloy Sarkar · Amlan Das · Prosun Tribedi	Department of Biotechnology	Archives of Microbiology	2020	Electronic ISSN 1432-072X Print ISSN 0302-8933
364	Degradation of lowdensity poly ethylene (LDPE) by Enterobacter cloacae AKS7: a potential step towards sustainable environmental remediation	Ranojit Kumar Sarker · Poulomi Chakraborty · Payel Paul · Ahana Chatterjee · Prosun Tribedi	Department of Biotechnology	Archives of Microbiology	2020	Electronic ISSN 1432-072X Print ISSN 0302-8933
365	Nanostructured CoCr2O4 Embedded in Silica Matrix: Studies on Synthesis and Magnetic Properties	Goswami, S., Chakraborty, M., De, D.	Department of Basic Sciences	AIP Conference Proceedings	2020	Online ISSN 1551-7616 Print ISSN 0094-243X
366	Mathematical regression models for rheological behavior of interaction between polymer-surfactant binary mixtures and electrolytes	Banerjee, T., Samanta, A., Mandal, A.	Department of Basic Sciences	Journal of Dispersion Science and Technology	2020	ISSN:0193-2691 E-ISSN:1532-2351
367	De-stabilization of charge order state through in-homogeneity in random ionic distribution in the particles of polycrystalline Eu0.2La0.3Sr0.2Ca0.3MnO3 sample	De, K., Dhak, P., De, S., Dutta, P., Dey, K., Mukherjee, S., Chatterjee, S., Das, S.	Department of Basic Sciences	Bulletin of Materials Science	2020	Electronic ISSN 0973-7669
368	Surface driven exchange bias in nanocrystalline CoCr2O4	Goswami, S., Manna, P. K., Bedanta, S., Dey, S. K., Chakraborty, M., De, D.	Department of Basic Sciences	Journal of Physics D: Applied Physics	2020	Online ISSN: 1361-6463 Print ISSN: 0022-3727
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370	Groundwater contamination in mega cities with finite sources	Chatterjee, A., Singh, M. K., & Singh, V. P.	Department of Basic Sciences	Journal of Earth System Science	2020	0973-774X
371	Study of solute dispersion with source/sink impact in semi-infinite porous medium	Kumar, R., Chatterjee, A., Singh, M. K., & Singh, V. P.	Department of Basic Sciences	Pollution	2020	Print ISSN2383-451X Online ISSN2383-4501
372	Mathematical modelling to establish the influence of pesticides on groundwater contamination	Kumar, R., Chatterjee, A., Singh, M. K., & Singh, V. P.	Department of Basic Sciences	Arabian Journal of Geosciences	2020	Electronic ISSN 1866-7538 Print ISSN 1866-7511
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374	Digital Transformation of Air Compressor Utilization Based on AI, ML in Smart Factory Management	Kumar, M., Shenbagaraman, V. M., Ghosh, A.	Department of Robotics	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2020	2249-6890 (print), 2249-8001 (online)
375	Review and analysis of photovoltaic arrays with different configuration system in partial shadowing condition	Shaw, R. N., Walde, P., & Ghosh, A.	Department of Robotics	International Journal of Advanced Science and Technology	2020	ISSN: 2005-4238 (Print) ISSN: 2207-6360 (Online)
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Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
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378	Patient Safety Culture and Practice at a Super-Specialty Hospital in India	Sarkar, N.	Department of Hospital Management	American Journal of Medical Quality	2020	ISSN: 1062-8606 Online ISSN: 1555824X
379	Bandgap Engineering in Iron Doped Graphene Nanosheets: Electrical Performance Boosting for Application in Nano-electronics	Swarnava Biswas, Debajit Sen and Moumita Mukherjee	Department of Biomedical Laboratory Technology	Beilstein Archives	2020	ISSN:2195-951XE- ISSN:1860-5397
380	Role of insurance for marginalized section of the society	Mushtaq Ahmad	Department of Management	International Journal of Economics, Business and Human Behaviour	2020	ISSN: 2693-1478
381	Land structure and level of fragmentation in typical small-marginal agricultural holdings in India	SNEHA ROY, ASHOK KUMAR SINGH, SAMIR KUMAR BERA and SHRADDHA BHATTACHARYA	Department of Agriculture Extension (SAAS)	Indian Journal of Agricultural Sciences	2020	ISSN: 2394-3319
382	Consequence of Lockdown amid Covid-19 Pandemic on Indian Agriculture	Tanushree Saha and Sarthak Bhattacharya	Department of Agriculture Extension (SAAS)	Food and Scientific Reports	2020	ISSN 2582-5437
383	Improvement of Local Economy through the Maintenance of the Rural House Hold Bank (Piper Betel Baroj) of South Bengal	Bidisha Mondal, R Saha and Amit Samanta	School of Agriculture & Allied Sciences (SAAS)	Indian Horticulture Journal	2020	ISSN: 2249-6823
384	Post-Amphan management and rejuvenation of the ravaged betel (Piper betle) baroj in South Bengal	Bidisha Mondal, R. Saha and A. Samanta	School of Agriculture & Allied Sciences (SAAS)	Farming & Management	2020	ISSN: 2456-8724
385	Effect of micronutrients on fruit set, yield and quality of sweet orange (Citrus sinensis Osbeck) cv. Mosambi in the Gangetic alluvial region of West Bengal	Tanushree Saha, Anandabrata Das, Bikash Ghosh, Subhasish Kundu and Sarthak Bhattacharya	School of Agriculture & Allied Sciences (SAAS)	Journal of Pharmacognosy and Phytochemistry	2020	ISSN: 2278-4136
386	Comparative Evaluation of Anti-inflammatory, Antipyretic and Analgesic Properties of Ixora coccinea and Mussaenda frondosa (Rubiaceae) Leaves	Sankhadip Bose, Sudip Kumar Mandal, Purba Das, Sayan Nandy, Anupam Das, Dibyendu Dutta, Chandra Kanti Chakraborti, Dhrubajyoti Sarkar, Suddhasattya Dey	School of Pharmacy	Jordan Journal of Pharmaceutical Sciences	2020	ISSN: 1995-7157
387	Inhibition of biofilm formation of Pseudomonas aeruginosa by caffeine: a potential approach for sustainable management of biofilm	Poulomi Chakraborty · Debabrata Ghosh Dastidar · Payel Paul · Sutirtha Dutta · Debajyoti Basu · Senjuti Roy Sharma · Shreosi Basu · Ranojit Kumar Sarker · Aparna Sen · Amit Sarkar · Prosun Tribedi	Department of Biotechnology	Antonie van Leeuwenhoek	2019	Electronic ISSN 1572-9699 Print ISSN 0003-6072
388	Bioaugmentation of soil with Enterobacter cloacae AKS7 enhances soil nitrogen content and boosts soil microbial functional-diversity	Poulomi Chakraborty· Ranojit Kumar Sarker· Rupsa Roy· Abhrajyoti Ghosh· Debasish Maiti· Prosun Tribedi	Department of Biotechnology	3 Biotech	2019	Electronic ISSN 2190-5738
389	Functional diversity performs a key role in the isolation of nitrogen-fixing and phosphate-solubilizing bacteria from soil	Poulomi Chakraborty & Prosun Tribedi	Department of Biotechnology	Folia Microbiologica	2019	Electronic ISSN 1874-9356 Print ISSN 0015-5632
390	Effects of periodic corrugated boundary surfaces on plane SH-waves in fiber-reinforced medium over a semi-infinite micropolar solid under the action of magnetic field	Gupta, S., Ahmed, M., & Misra, J. C.	Department of Basic Sciences	Mechanics Research Communications	2019	Online ISSN: 1873-3972 Print ISSN: 0093-6413
391	Analysis of Rayleigh waves in micropolar thermoelastic solid over a dual-phase-lag semi-infinite thermoelastic substrate under interfacial imperfections	Gupta, S., Ahmed, M., & Verma, A. K.	Department of Basic Sciences	International Journal of Geomechanics	2019	ISSN (print): 1532-3641 ISSN (online): 1943-5622
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Sl No.	Title of paper	Name of the author/s	Department of the faculty	Name of journal	Year of publication	ISSN number
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395	Assessment of Mid-Day Meal (MDM) Programme in Coochbehar District of West Bengal	J.K.Das , M. Lairenlakpam , S. Bhattacharjee , M. Saha and J.Datta	Department of Agriculture Extension (SAAS)	Indian Journal of Extension Education	2019	ISSN: 2454-552X
396	Influence of Socio-economic Factors on Empowerment of Farm Women: An in Depth Analysis	J.K. Das, S. Bhattacharjee, J. Datta, G. Mazumder and T. Laskar	School of Agriculture & Allied Sciences (SAAS)	International Journal of Current Microbiology and Applied Sciences	2019	ISSN: 2319-7706
397	Influence of Irrigation and Mulching on Yield Attributes, Yield and Quality of Lentil (Lens esculentum L.) Grown as Intercrop under Limited Water Conditions	T.K. Mandal, A.M. Puste and Sagar Maitra	School of Agriculture & Allied Sciences (SAAS)	International Journal of Bioresource Science	2018	ISSN: 2454-9541