

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
1	GC-MS based metabolite profiling of medicinal plant- <i>Catharanthus roseus</i> under cadmium stress	Rama Sisodia	Botany	Plant Physiology Reports	2021	ISSN:2662-253XE-ISSN: 2662-2548
2	Recent development in the synthesis of heterocycles by 2-naphthol-based multicomponent reactions	Ankita Chaudhary	Chemistry	Molecular Diversity	2021	1573-501X
3	Advanced nanocomposites for removal of heavy metals from wastewater	Hema Bhandari and Ritu Gaba	Chemistry	Macromolecular Symposia	2021	1022-1360
4	Nanotechnology-Based Approach to Combat Pandemic COVID 19: A Review	Hema Bhandari	Chemistry	Macromolecular Symposia	2021	1022-1360
5	Investigation of the microwave absorbing properties on polymer sheets	Hema Bhandari	Chemistry	Journal of Materials Science: Materials in Electronics	2021	0957-4522
6	Recent-enhancements in visible-light photocatalytic degradation of organochlorines pesticides: A review	Hema Bhandari	Chemistry	Materials Today: Proceedings	2021	2214-7853
7	Promising inhibitors of nsp2 of CHIKV using molecular docking and temperature-dependent molecular dynamics simulations	Lata Vodwal	Chemistry	Journal of Biomolecular Structure and Dynamics	2021	1538-0254
8	A review targeting the infection by CHIKV using computational and experimental approaches	Lata Vodwal	Chemistry	Journal of Biomolecular Structure and Dynamics	2021	1538-0254
9	Exploring the effect of temperature on inhibition of non-structural protease 3 of Chikungunya virus using molecular dynamics simulations and thermodynamics parameters	Durgesh Kumar	Chemistry	Journal of Molecular liquids.	2021	0167-7322
10	A Comparative Evaluation of Natural and Synthetic Binder Systems and their Influence on the Thermal and Mechanical Properties of Gallic Acid-KNO ₃ -KClO ₃ Tertiary Pyrotechnic Mixture	Rajni Johar	Chemistry	Propellants, Explosives, Pyrotechnics	2021	1521-4087
11	An insight for the interaction of drugs (acyclovir/ganciclovir) with various ionic liquids: DFT calculations and molecular docking	Durgesh Kumar	Chemistry	Journal of Physical Organic Chemistry	2021	1099-1395
12	Analyzing the Effect of Environmental and Demographic Factors on COVID-19 Spread in India Using Statistical Methods: A Case Study	Veena Ghuriani and Jyotsna Talreja Wassan	Computer Sc.	Applied Ecology and Environmental Sciences	2021	ISSN(Print): 2328-3912 ISSN(Online): 2328-3920
13	Role of Deep Learning in Predicting Aging-Related Diseases: A Scoping Review	Jyotsna Talreja Wassan	Computer Sc.	Cells	2021	2073-4409

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14	SIR-SI Mathematical Model for Zika Virus Progression Dynamics in India: A Case Study	Shweta Sankhwar	Computer Sc.	Journal of Communicable Diseases	2021	E-ISSN: 2581-351X P-ISSN: 0019-5138
15	Survival-Based Biomarker Module Identification Associated with Oral Squamous Cell Carcinoma (OSCC)	Shweta Sankhwar	Computer Sc.	Biology: Open Access	2021	ISSN: 2079-7737
16	EXISTENCE OF FIXED POINT OF MEIR KEELER TYPE CONTRACTIVE CONDITION IN FUZZY METRIC SPACES	Pawan Kumar	Mathematics	Electronic Journal of Mathematical Analysis and Applications	2021	E-ISSN 2090-729X
17	COMMON FIXED POINT THEOREMS FOR WEAKLY COMPATIBLE MAPPINGS USING GENERALIZED ψ -WEAK CONTRACTION	Pawan Kumar	Mathematics	Journal of Mathematical and Computational Science	2021	1927-5307
18	WEAKLY COMMUTING MAPPINGS AND ITS VARIANTS FOR GENERALIZED ψ -WEAK CONTRACTION IN METRIC SPACES	Pawan Kumar	Mathematics	Journal of Mathematical and Computational Science	2021	1927-5307
19	A high accuracy compact semi-constant mesh off-step discretization in exponential form for the solution of non-linear elliptic boundary value problems	Geetan Manchanda	Mathematics	Journal of Difference Equations and Applications	2021	1023-6198
20	Charge currents and induced magnetic fields in a bounded two-dimensional hydrogen atom	Shalini Lumb Talwar	Physics	The European Physical Journal D (EPJ D)	2021	ISSN (Print): 1434-6060, ISSN (Online): 1434-6079
21	Mathematical Treatment using Runge-Kutta (RK-4) Method for Hermite Gaussian (H-G) Laser Pulse in Vacuum for Circularly polarized Laser Pulse and Linearly polarized Laser Pulse and effect of Decentre Parameter and electron energy gain versus Laser intensity Parameter.	Polly Biswas	Physics	Bulletin of the Calcutta Mathematical Society	2021	ISSN (Print only): 0008-0659
22	Covid-19 Pandemic and Online Education: Impact on Students, Parents and Teachers	Renu Gupta and Archana Aggarwal	Zoology	Journal of Human Behavior in the Social Environment	2021	Print ISSN: 1091-1359 Online ISSN: 1540-3556
23	Molecular and functional characterization of spotted snakehead NOD1 with an emphasis on structural insights into iE-DAP binding motifs employing advanced bioinformatic tools	Brototi Roy	Zoology	Journal of Biomolecular Structure & Dynamics	2021	ISSN: 07391102, E-ISSN: 15380254
24	Characterization of <i>Euplates lynni</i> nov. spec., <i>E. indica</i> nov. spec. and description of <i>E. aediculatus</i> and <i>E. woodruffi</i> (Ciliophora, Euplotidae) using an integrative approach	Renu Gupta	Zoology	European Journal of Protistology	2021	0932-4739

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25	Genome-based reclassification of <i>Amycolatopsis eurytherma</i> as a later heterotypic synonym of <i>Amycolatopsis thermoflava</i>	Princy Hira	Zoology	International Journal of Systematic and Evolutionary Microbiology	2021	ISSN: 1466-5026; E-ISSN: 1466-5034
26	Postmenopausal Symptoms and Management by Women in Delhi–NCR	Brototi Roy and Meena Yadav	Zoology	Indian Journal of Gender Studies	2021	0971-5215 (print) 0973-0672 (web)
27	The Alphabet of the Elementary Microbiology: Revisited(Editorial)	Jaspreet Kaur and Princy Hira	Zoology	Indian Journal of Microbiology	2021	0973-7715, 0046-8991
28	Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences	Jaspreet Kaur and Princy Hira	Zoology	Indian Journal of Microbiology	2021	0973-7715, 0046-8991
29	Liver regeneration: metabolic and epigenetic regulation	Anshu Arora	Zoology	Hepatoma Research	2021	2454-2520 (Online) 2394-5079 (Print)