

PUBLICATIONS IN UGC LISTED JOURNALS(2021-22)

S.No	Title of paper	Name of the author/s	Department	Name of journal	Year of Publication	ISSN number
1	The Advent of Nutrigenomics: A Narrative Review with an Emphasis on Psychological Disorders	Dr. Bhawana	Biochemistry	Preventive Nutrition and Food Science	2022	2287-8602
2	The Advent of Nutrigenomics: A Narrative Review with an Emphasis on Psychological Disorders	Dr. Pratyusha Vavilala	Biochemistry	Preventive Nutrition and Food Science	2022	2287-8602
3	Antifungal Role of Common Indian Spices & Herbs: A Narrative Review	Dr. Pratyusha Vavilala	Biochemistry	Current Nutrition and Food Science	2022	1573-4013
4	Assessing the antimycobacterial activity of the bioactive fractions of the Indian medicinal plant- <i>Justicia adhatoda</i> L.	Dr. Manisha Khatri	Biomedical Sciences	Chemical Biology Letters	2021	2347-9825
5	Biofabricated platinum nanoparticles: therapeutic evaluation as a potential nanodrug against breast cancer cells and drug-resistant bacteria	Dr.Indu Arora	Biomedical Sciences	RSC Advances	2021	2046-2069
6	Resveratrol loaded nanoparticles attenuate cognitive impairment and inflammatory markers in PTZ-induced kindled mice	Dr.Indu Arora	Biomedical Sciences	International Immunopharmacology	2021	1567-5769
7	Nanonization of Magnoflorine-Encapsulated Novel Chitosan–Collagen Nanocapsules for Neurodegenerative Diseases: In Vitro Evaluation	Dr.Indu Arora	Biomedical Sciences	ACS omega	2022	2470-1343
8	Resveratrol-Loaded Glutathione-Coated Collagen Nanoparticles Attenuate Acute Seizures by Inhibiting HMGB1 and TLR-4 in the Hippocampus of Mice	Dr.Indu Arora	Biomedical Sciences	ACS Chemical Neuroscience	2022	1948-7193
9	Mitochondrial biogenesis gene POLG correlates with outcome in pediatric acute myeloid leukemia	Dr. Radhika Bakhshi	Biomedical Sciences	Leukemia & Lymphoma	2021	1042-8194 (print)
10	An integrative chemometric approach and correlative metabolite networking of LC-MS and 1 H NMR based urine metabolomics for radiation signatures	Dr. Radhika Bakhshi	Biomedical Sciences	Molecular Omics	2022	2515-4184
11	Assessing the antimycobacterial activity of the bioactive fractions of the Indian medicinal plant- <i>Justicia adhatoda</i> L.	Dr. Varsha Mehra	Biomedical Sciences	Chemical Biology Letters	2021	23479825

12	Peroxiredoxin-6: A Guardian of Lung Pathophysiologies	Dr. Saquib Ansari	Biomedical Sciences	Current Protein and Peptide Science	2021	1389-2037
13	Inculcating scientific temper amongst first responders to crime	Dr Jasjeet Kaur	Chemistry	Indian Journal of Public Administration	2022	0019-5561
14	A comparative evaluation of fluorescent powder compositions for developing latent fingerprints on a legion of surfaces	Dr Jasjeet Kaur	Chemistry	Journal of Punjab Academy of Forensic Medicine	2022	0972-5687
15	Scientific racism faced by Indian fingerprint scientists during colonial rule: Need to correct a historical wrong	Dr Jasjeet Kaur	Chemistry	Journal of Scientific Temper	2022	2278-2788
16	Profiling the impact of choline chloride on the self-assembly of collagen mimetic peptide (Pro-Hyp-Gly) ₁₀	Dr. Anjeeta Rani	Chemistry	Process Biochemistry	2022	1359-5113
17	A binuclear gadolinium complex of 8-hydroxyquinoline-2-carbaldehyde salicylhydrazone: structural characterisation and photoluminescence properties	Dr Mukesh Kumar	Chemistry	Research on Chemical Intermediates	2021	1568-5675, 0922-6168
18	N-diethylaminosalicylidene based "turn-on" fluorescent Schiff base chemosensor for Al ³⁺ ion: Synthesis, characterisation and DFT/TD-DFT studies	Dr Mukesh Kumar	Chemistry	Journal of Molecular Structure	2022	0022-2860
19	Assessment of knowledge ,attitude and practices towards functional foods	Ms Vandana	Food Technology	International journal of Biology,pharmacy and allied sciences	2022	2277-4998
20	Detection of Breast Cancer Cell-MDA-MB-231 by Measuring Conductivity of Schottky Source/Drain GaN FinFET	Dr.Sneha Kabra, Ms. Himani Dua	Instrumentation	IEEE Sensors	2022	1558-1748
21	Performance Analysis and Optimization of Under-Gate Dielectric Modulated Junctionless FinFET Biosensor	Dr.Sneha Kabra, Ms. Himani Dua	Instrumentation	IEEE Sensors	2021	1558-1748
22	Open gate AlGaIn/GaN HEMT biosensor: Sensitivity analysis and optimization	Dr.Sneha Kabra	Instrumentation	Superlattices and Microstructures	2021	0749-6036
23	Small Signal Analysis of Double Channel AlGaIn/GaN HEMT and MOSHEMT With Undoped Barrier for Microwave Applications	Dr.Sneha Kabra	Instrumentation	Journal of Electronic Materials	2022	0361-5235
24	Sensitivity Analysis of T-ZnO/AlGaIn/GaN HEMT Uric Acid Sensor and Impact of Surface Wettability	Dr.Sneha Kabra	Instrumentation	IEEE Sensors	2022	1558-1748
25	Efficiency Assessment of Indian Passenger Airlines Using Two-Stage Efficiency Model: Non Traditional DEA Approach	Dr. Punita Saxena	Mathematics	International Journal of Modelling and Simulation	2021	1925-7082

26	An Efficient Enumeraion Technique for a Transportation Problem in Neutrosophic Environment	Dr. Ritika Chopra	Mathematics	Neutrosophic Sets and Systems	2021	2331-608X
27	Generalized Slant Toeplitz Operators on the Derivative Hardy Space $S^2(D)$	Dr. Shivam Kumar Singh	Mathematics	Annals of Functional Analysis	2021	2008-8752
28	Structural, Magnetic, and Optical Properties of Mn ²⁺ Doping in ZnO Thin Films	Dr Alka Vohra	Physics	SURFACES	2021	2571-9637
29	Synthesis, structural and physical properties of ABO ₃ based hexagonal polytypes: A review and discussion	Dr Amit Kumar	Physics	Physica B: Condensed Matter	2022	0921-4526
30	Size-responsive differential modulation in α -amylase by MPA-CdSe QDs: multispectroscopy and molecular docking study	Dr. Kishan Das	Physics	Journal of Nanoparticle Research	2021	1388-0764
31	Role of Mindfulness and Self-Efficacy in Resilience among Young and Older people	Dr. Shalini Choudhary	Psychology	Turkish Journal of Physiotherapy and Rehabilitation	2021	2651-4451
32	Generalized Bayes Estimator for Spatial Durbin Model	Dr. Sandeep Mishra	Statistics	Journal of Quantitative Economics	2021	0971-1554
33	Generalized Bayes Estimation of SAR Model with Linear restrictions binding the Coefficients	Dr. Sandeep Mishra	Statistics	Communications for Statistical Application and Methods	2021	2287-7843
34	MUCE: a multilingual use case model extractor using GPT-3, 2022	Dr.Deepali Bajaj	Computer Science	International Journal of Information Technology, Springer Nature	2022	1543-1554
35	Automatic Twitter Crime Prediction using Hybrid Wavelet Convolutional Neural Network with World Cup Optimization	Ms.Monika	Computer Science	International Journal of Pattern Recognition and Artificial Intelligence	2022	1793-6381

PUBLICATIONS IN PEER-REVIEWED JOURNALS(2021-22)

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of Publication	ISSN number
1	Saliva: A Non-Invasive and Multifaceted Tool in the Sphere of Diagnostics	Dr. Sadhna Jain, Dr. Lakshmi Pasricha Sarin	Biochemistry	Journal of Pharmaceutical Sciences and Research (JPSR)	2022	0975-1459
2	Sustainable Environmental and Cultural Practices of Majuli, India: A case study	Dr. Lakshmi Pasricha Sarin	Biochemistry	Social Science Research Network	2022	1556-5068

3	Sustainable Environmental and Cultural Practices of Majuli, India: A case study	Dr. Bhawana	Biochemistry	Social Science Research Network	2022	1556-5068
4	Sustainable Environmental and Cultural Practices of Majuli, India: A case study	Dr. Mohita Bhagat, Dr. Alok Kumar Singh, Dr. tarun Kumar	Biochemistry	Social Science Research Network	2022	1556-5068
5	Forensic importance of gunshot residue analysis: A review	Dr Jasjeet Kaur	Chemistry	International Journal of Medical Toxicology and Legal Medicine	2022	09720-448
6	3D Printing & Its Application	Dr Ranjana Singh	Food Technology	International Journal of Innovation & Multidisciplinary Research	2022	2583-4452
7	Potential of Underutilized and Neglected Local Fruits of Uttarakhand: A Review	Dr Ranjana Singh	Food Technology	International Journal of Innovation & Multidisciplinary Research	2022	2583-4452
8	Formulation of Gluten-free Bread with different Levels of Hydroxypropyl Methylcellulose, Raw Banana Flour and Proof Time: Modelling, Proximate and Sensory Analysis.	Dr Ranjana Singh	Food Technology	Plant Archives	2021	2581-6063
9	Bioplastics : Scope & Extent of use in food industry—A review.	Dr Ranjana Singh	Food Technology	International Journal of Emerging Technology & Innovative Research		2349-5162
10	A study to collate the physical parameters and gluten content of three different wheat cultivars	Dr. Para Dholakia, Dr. Prabhjot Kaur Sabharwal	Food Technology	International Journal of Innovation and Multidisciplinary Research (IJAMR)	2022	2583-4452
11	Preparation of Antibacterial Smart Biofilm using Agri Waste	Ms Saumya Chaturvedi	Food Technology	International Journal for Innovative Research in Multidisciplinary field	2022	2455-0620
12	Bamboo Shoot: A Traditional Indian Superfood from Northeast	Ms Saumya Chaturvedi, Dr. Twinkle Kumar Sachan	Food Technology	International Journal of Innovation and Multidisciplinary Research (IJAMR)	2022	2583-4452
13	Date Palm Seeds: An Agro-waste Product used as a Caffeine Free Functional Beverage	Ms Saumya Chaturvedi, Dr. Twinkle Kumar Sachan	Food Technology	International Journal of Innovation and Multidisciplinary Research (IJAMR)	2022	2583-4452
14	A study to collate the physical parameters and gluten content of three different wheat cultivars	Ms Vandana	Food Technology	International Journal of Innovation and Multidisciplinary Research (IJAMR)	2022	2583-4452
15	Development of Probiotic tomato Kulfi	Dr Prabhjot Kaur Sabharwal	Food Technology	Indian Journal of Dairy Science	2022	2454-2172

16	Seafood and Shellfish Poisoning: A Review.	Dr Twinkle Kumar Sachchan	Food Technology	International Journal of Scientific Development and Research	2021	2455-2631
17	Natural Toxicants as Potential Health Hazards: An Overview	Dr Twinkle Kumar Sachchan	Food Technology	International Journal of Multidisciplinary Educational Research	2022	2277 - 7881
18	Preparation of Antibacterial Smart Biofilm using Agri Waste	Dr Twinkle Kumar Sachchan	Food Technology	International Journal for Innovative Research in Multidisciplinary field	2022	2455-0620
19	Edible Mushrooms: Nature's superfood for health and wellbeing.	Dr. Rekha Mehrotra, Dr Richa Sharma, Dr. Kohinoor Kaur	Microbiology	International Journal of Innovation and Multidisciplinary Research (IJAMR)	2022	2583-4452
20	DNA Barcoding for Identification and Detection of Species	Dr. Yamini Agrawal	Microbiology	Letters in Applied NanoBioScience	2021	2284-6808
21	Does Covid-19 Affect Psychological Well-Being?	Dr. Nupur Gosain	Psychology	International Journal of Innovation and Multi-Disciplinary Research	2022	2583-4452
22	Borderline Personality Disorder: A Review of Indian Studies	Dr, Shalini Choudhary	Psychology	Journal of Psychology and Clinical Psychiatry	2021	2373-6445
23	Unraveling the 'Help' in Self-Help	Ms. Radhika Sharma	Psychology	Mind and Society	2022	2277-6907
24	Knowledge Management Database on Agricultural Information in Select Institutions of Indian Council of Agricultural Research: A Comprehensive Study	Dr.Projes Roy	Library	International Journal of Innovation and multidisciplinary research	2022	2583-4452
25	Analytical Study of Online Open Access Journals in Library and Information Science of DOAJ, ALIS, DJLIT, IJLIS and Informatics Studies (IS)	Dr.Projes Roy	Library	International Journal of Innovation and multidisciplinary research	2022	2583-4452
26	Analyzing Johnson SB Distribution for Detection of a Pair of Upper Outliers	Dr. Sandeep Mishra	Statistics	Stochastic Modeling and Application	2021	0972-3641
27	Mitochondrial complex II and V activity is enhanced in pediatric acute myeloid leukemia	Dr. Radhika Bakhshi	Biomedical Sciences	American Journal of Blood Research	2022	2160-1992