

# Research Papers published by the Teachers

2021-2022



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## *Maharaja Ganga Singh University*

A State University of Higher Education for Dignity and Self-Reliance

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### Number of Research Papers published by the Teachers

The following manuscripts have been published by the teachers of MGSU. Various links are available in the data template. The Online link/access for a few of the papers is not available. These publications are uploaded in the drive of the Institutional account. The Link to the official institutional drive is provided here for these manuscripts.

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Screening of native bacterial isolates for keratinase production and its application in detergent formulation and wash performance	Megshwanshi G.K., Dabi, N.K., Vashishtha A., Ahmed A	Microbiology	Journal of Phytological Research	2021	0970-5767	<a href="https://jphytolres.org/archive/2021">https://jphytolres.org/archive/2021</a>
Current Perspectives for Microbial Lipases from Extremophiles and Metagenomics. Biochimie	Verma S, Meghwanshi GK, Kumar R	Microbiology	BIOCHIMIE	2021	3009084	doi: <a href="https://doi.org/10.1016/j.biochi.2020.12.027">10.1016/j.biochi.2020.12.027</a> . Epub 2021 Jan 7
Archaeallipolytic enzymes: Current developments and further prospects	Meghwanshi G.K., Verma S., Srivastava V., Kumar R.,	Microbiology	Biotechnology Advances, 61: 108054, ,	2022	0734-9750	<a href="https://doi.org/10.1016/j.biotechadv">https://doi.org/10.1016/j.biotechadv</a> .

	(2022).					
Optimization, application and some properties of extracellular keratinase from chicken feather degrading <i>Bacillus tequilensis</i> S-5.	Dabi, N.K., Ahmed A., Meghwanshi G.K.	Microbiology	Bull. Env. Pharmacol. Life Sci., Special Issue [1]2022 : 1188-1197.	2022	22771808	<a href="http://bulletinofenvironmentpharmacologyandlifesciences.com/">Bulletin of Environment, Pharmacology and Life Sciences (bepls.com)</a>
Changing pattern of severe manifestations of Plasmodium falciparum and Plasmodium vivax malaria: A Retrospective study from Bikaner (Northwest) in India.	Acharya J, and Harwani D	Microbiology	Journal of Vector Borne Diseases	2022	2414-6366	DOI: 10.4103/0972-9062.342396 SCI and SCOPUS Indexed
In silico analysis and cluster validation of potential breast cancer nsSNPs of serological tumor marker CA27.	Lakhani, J. and Harwani, D.	Microbiology	Indian Journal of Natural Science	2021	0976-0997	<a href="http://www.clarivate.com/masterjournallist/">Web of Science Master Journal List - Journal Profile (clarivate.com)</a>
Deep convolution neural network based prediction and classification of blight disease of potato	Harwani D. , Lakhani J.	Microbiology	Journal of Phytolical Research	2021	0970-5767	<a href="https://mjl.clarivate.com/search-results?issn=0970-5767&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://mjl.clarivate.com/search-results?issn=0970-5767&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
Screening of native bacterial isolates for keratinase production and its application in detergent formulation and wash performance	Megshwanshi G.K., Dabi, N.K., Vashishtha A., Ahmed A	Microbiology	Journal of Phytolical Research	2021	0970-5767	<a href="https://jphytolres.org/archive/2021">https://jphytolres.org/archive/2021</a>

Adaptive laboratory evolution triggers pathogen-dependent broad-spectrum antimicrobial potency in <i>Streptomyces</i>	J. Lakhani and D. Harwani	Microbiology	Journal of Genetic Engineering and Biotechnology	2021	0970-5767	<a href="https://mjl.clarivate.com/search-results?issn=2090-5920&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://mjl.clarivate.com/search-results?issn=2090-5920&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
INTERPOLATION ASSESSMENT OF AMBIENT AIR QUALITY OF BIKANER CITY	Saran R.K. and Charan P.D.	Environmental Science	Bulletin of Environment, Pharmacology and Life Sciences	2021	ISSN 2277-1808	<a href="https://mjl.clarivate.com/search-results?issn=2277-1808&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-these-results">https://mjl.clarivate.com/search-results?issn=2277-1808&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-these-results</a>
Physicochemical characterization of petroleum hydrocarbon contaminated land of Guru Gobind Singh refinery's peripheral area, Punjab	Sharma S. S., and Vashishtha A	Microbiology	Environment Conservation Journal	2021	2278-5124	<a href="https://mjl.clarivate.com/search-results?issn=0972-3099&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://mjl.clarivate.com/search-results?issn=0972-3099&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
Screening of native bacterial isolates for keratinase production and its application in detergent formulation and wash performance	Dabi N. K, Vashishtha A, Ahmed A, Meghwanshi G K.	Microbiology	J. Phytol. Res	2021	0970-5767	<a href="https://mjl.clarivate.com/search-results?issn=0970-5767&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://mjl.clarivate.com/search-results?issn=0970-5767&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>

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Qualitative assessment of bioactive compounds of actinomycetes AIA25a isolate using HPTLC and GCMS technique	Kumari N, Menghani E, Kumawat T. K. and Vashishtha A.	Microbiology	Indian J. Chem. Technol	2022	0975-0991	<a href="https://mjl.clarivate.com/search-results?issn=0971-457X&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://mjl.clarivate.com/search-results?issn=0971-457X&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
Multiple Sequence Alignment Algorithm using Adaptive Evolutionary Clustering	Dr. JyotiLakhani and Dr. DharmeshHarwani	Computer Science	Lecture Notes in Networks and Systems	2021	2367-3389	<a href="https://www.springerlink.com/lookup/10.1007/978-981-15-7338-9_1">Multiple Sequence Alignment Algorithm Using Adaptive Evolutionary Clustering   SpringerLink</a>
Rapid Diagnostics for Asymptomatic SARS-CoV-2 Infections		Computer Science	Indian Journal of Natural Sciences	2021	0976 – 0997	<a href="https://mjl.clarivate.com/journal-profile">https://mjl.clarivate.com/journal-profile</a>
Deep Convolution Neural Network-based prediction and classification of blight disease of potato	Dr. JyotiLakhani and Dr. DharmeshHarwani	Computer Science	Journal of Phytological Research	2021	0970-5767	<a href="https://mjl.clarivate.com/search-results?issn=0970-5767&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://mjl.clarivate.com/search-results?issn=0970-5767&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>

In silico analysis and cluster validation of potential breast cancer nsSNPs of serological tumor marker CA27.29	Dr. JyotiLakhani and Dr. DharmeshHarwani	Computer Science	Indian Journal of Natural Sciences	2022	0976 – 0997	<a href="http://www.clarivate.com/master-journal-list">Web of Science Master Journal List - Journal Profile (clarivate.com)</a>
Adaptive laboratory evolution triggers pathogen-dependent broad-spectrum antimicrobial potency in Streptomyces		Computer Science	Journal of Genetic Engineering and Biotechnology	2022	2090-5920	<a href="https://mjl.clarivate.com/search-results?issn=2090-5920&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal">https://mjl.clarivate.com/search-results?issn=2090-5920&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=journal-profile-share-this-journal</a>
Issues of War, Violence and History	Dr. Seema Sharma	English	ShodhSanchar	2021	22293620	<a href="https://drive.google.com/file/d/1PoegGjvBCNDSY8r7fQobyP7YvbwkTG9/view?usp=sharing">https://drive.google.com/file/d/1PoegGjvBCNDSY8r7fQobyP7YvbwkTG9/view?usp=sharing</a>
GirishKarnad's Folk Plays : Quest for Indigenous Theatrical Idiom	Dr. PragtiSobti	English	Punjab University Research Journal	2022	0970-5260	<a href="https://purja.puchd.ac.in/journals/purja-xlix-1-jan-jun22.pdf">https://purja.puchd.ac.in/journals/purja-xlix-1-jan-jun22.pdf</a>
Revisiting the Culture : A Study of Folk Songs of Rajasthan	Dr. SantoshKanwar Shekhawat	English	JuhiKhyat	2022	2278-4632	<a href="https://drive.google.com/file/d/1ffddLFaP53p8dj114_ov52bGhJvwJQlg/view?usp=sharing">https://drive.google.com/file/d/1ffddLFaP53p8dj114_ov52bGhJvwJQlg/view?usp=sharing</a>
Preliminary Studies on Air Pollution Tolerance Index (APTI) of Selected Plant Species in Bikaner City	Kaur, L. and Anuradha	Environmental Science	Environment & Ecosystem Science	2021	2521-0882 (Print); 2521-0483 (Online)	<a href="https://environecosystem.com/archives/2ees2021/2ees2021-117-120.pdf">https://environecosystem.com/archives/2ees2021/2ees2021-117-120.pdf</a>
Solid Waste Management Practices in Bikaner City, Rajasthan (India)	Kaur, L. and Rajpurohit, S.	Environmental Science	Journal Clean WAS	2021	0253-7141	<a href="https://jcleanwas.com/archives/2jcleanwas2021/2jcleanwas20">https://jcleanwas.com/archives/2jcleanwas20</a>

						<a href="#">21-62-67.pdf</a>
Dust accumulation and its effect on plant species grown along National highways 11 and 89 in Bikaner (Rajasthan)	Kaur, L., Ojha, A., Kanwar, N.	Environmental Science	Journal of Himalayan Ecology and Sustainable Development	2021	0973-7502	<a href="http://envirsc.uok.edu.in/Files/ab1ac1f1-07e3-42a2-85bc-83717ef39155/Journal/daf4c47e-9f99-49db-8945-4e417fb549cb.pdf">http://envirsc.uok.edu.in/Files/ab1ac1f1-07e3-42a2-85bc-83717ef39155/Journal/daf4c47e-9f99-49db-8945-4e417fb549cb.pdf</a>
Agricultural variation in cropping and irrigation intensity in western part of Rajasthan	Kaur, L., Rathore, D.S., Godara, P.	Environmental Science	Journal of Agriculture and Ecology	2021	2456-9410	<a href="#">View of Agricultural variation in cropping and irrigation intensity in western part of Rajasthan (saaer.org.in)</a>
Duckweed: A model for phytoremediation technology	Kaur, L., and Kanwar, N.	Environmental Science	The Holistic Approach to Environment	2022	1848-0071	<a href="#">DUCKWEED: A MODEL FOR PHYTOREMEDIATION TECHNOLOGY (hrcpo.com)</a>
Gender Equality: A key to achieve Sustainable Development Goals	Kaur, L.	Environmental Science	European Journal of Humanities and Educational Advancements	2022	2660-5589	<a href="#">View of GENDER EQUALITY: A KEY TO ACHIEVE SUSTAINABLE DEVELOPMENT GOALS (scholarzest.com)</a>
Osian's (Jodhpur) Contributopn to Sculptural Art	Dr. Ambika Dhaka	History	Jijnasa, Vol.0377-743X	2021	0377-743X	<a href="https://drive.google.com/file/d/1FDr0F4Xc8sprm4bYIOb1wDGik-TVS4/view?usp=sharing">https://drive.google.com/file/d/1FDr0F4Xc8sprm4bYIOb1wDGik-TVS4/view?usp=sharing</a>

DalhanpurkaAprakashitAdbhutBahulingyuk taYonipatta	Dr. Ambika Dhaka	History	Meerayan, Sep-Nov.	2021	2455-6033	<a href="https://drive.google.com/file/d/1UBCPoJdw3vnJDVuBvA81dDXsh7uBwSHu/view?usp=sharing">https://drive.google.com/file/d/1UBCPoJdw3vnJDVuBvA81dDXsh7uBwSHu/view?usp=sharing</a>
E-Education System: How Much Near, How Much Far?	Dr. Ambika Dhaka	History	Studies in Sociology	2021	2349-0810	Peer Reviewed
RajkiyaSamgrahalayaChittorgarhkikuchApr akashitVishishtaPratimayen	Dr. Ambika Dhaka	History	Meerayan	2022	2455-6033	<a href="https://drive.google.com/file/d/1u78TdxF7oIVot1Zg3AG79RzM HhGPv4pB/view?usp=sharing">https://drive.google.com/file/d/1u78TdxF7oIVot1Zg3AG79RzM HhGPv4pB/view?usp=sharing</a>
Exposure Assessment of Respirable Suspended Particulate Matter in Urban Ambient Air: A Case Study of Bikaner City	<a href="#">RadhaKishan Saran and P.D. Charan</a>	Environmental Science	BULLETIN OF ENVIRONME NT, PHARMACOL OGY AND LIFE SCIENCES	2021	Online ISSN: 2277- 1808	<a href="https://mjl.clarivate.com:/search-results?issn=2277-1808&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal">https://mjl.clarivate.com:/search-results?issn=2277-1808&amp;hide_exact_match_fl=true&amp;utm_source=mjl&amp;utm_medium=share-by-link&amp;utm_campaign=search-results-share-this-journal</a>
Solid Waste Management Practices in Bikaner City, Rajasthan (India).	Kaur, L. and Rajpurohit, S.	Environmental Science	Journal Clean WAS	2021	2521-0912 (Print); 2521-0513 (Online)	<a href="https://jcleanwas.com/archives/2jcleanwas2021/2jcleanwas2021-62-67.pdf">https://jcleanwas.com/archives/2jcleanwas2021/2jcleanwas2021-62-67.pdf</a>
Sighting of Northern Lapwing (Vanellusvanellus) (Linnaeus, 1758) in Bikaner, Rajasthan, India.	Singh M, Kalwani S, Prajapati K. and Choyal R.	Environmental Science	Prithivya, An Official Newsletter of WCB Research Foundation	2021	2583-2220	<a href="http://prithivya.wcbresearch.in/sites/default/files/publications/Short%20Communication/50_Sighting%20of%20Northern%20">http://prithivya.wcbresearch.in/sites/default/files/publications/Short%20Communication/50_Sighting%20of%20Northern%20</a>



			and WCB Research Lab.			<a href="#">Lapwing%20%28Van ellus%20vanellus%29 %20%28Linnaeus%2 C%201758%29%20in %20Bikaner%2C%20 Rajasthan%2C%20Ind ia.pdf</a>
Is Niyaz Khan A Propagandist? -An Exposition Of The Novel Confessions At Black Grave	Prof. S K Agrawal	English	Journal of Positive School Psychology	2022	2717-7565	<a href="#">View of Is Niyaz Khan A Propagandist? - An Exposition Of The Novel Confessions At Black Grave (journalppw.com)</a>
Municipal Solid Waste Characteristics and Its Management in Bikaner city, Rajasthan, India	Sahel, Hemlata and Chhangani, Anil Kumar	Environmental Science	International Journal for Environment al Rehabilitatio n and Conservation	2021	0975 6272	<a href="https://essence-journal.com/wp-content/uploads/2022/11/2.-Municipal-Solid-Waste-Characteristics-and-Its-Management-in-Bikaner.pdf">https://essence- journal.com/wp- content/uploads/202 2/11/2.-Municipal- Solid-Waste- Characteristics-and- Its-Management-in- Bikaner.pdf</a>
AVIAN FAUNA IN THE HUMAN LANDSCAPE AROUND BIKANER CITY, RAJASTHAN, INDIA	Vishnu Acharya1, P D Charan2 and A K Chhangani3	Environmental Science	Rajasthali Journal	2022	2583-1720	<a href="https://rajasthali.marudharacollege.ac.in/papers/Volume-1/Issue-4/04-08.pdf">https://rajasthali.mar udharacollege.ac.in/ papers/Volume- 1/Issue-4/04-08.pdf</a>



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