

Kumaun University, Nainital

Curriculum Vitae

Name : **Dr. Nagma Parveen**
Designation : Assistant Professor (Guest Faculty)
Department : Department of Forensic Science
Name of the Faculty : Faculty of Biomedical Science
Contact Information
• Email Address : nagmaparveen@kunainital.ac.in/ dr.nagmap@gmail.com
• Mobile No : +91 9639567871
LinkedIn Profile (Optional) : www.linkedin.com/in/dr-nagma-parveen-685a99153
ORCID ID : <https://orcid.org/0000-0002-5428-0664>
Vidwan ID : Profile URL: <https://vidwan.inflibnet.ac.in/profile/507622>

Educational Qualification

Degree	University	Subjects	Year
Ph.D.	Kumaun University	Zoology	2023
M.Sc.	Kumaun University	Zoology (Specialization: Entomology)	2018
B.Sc.	Kumaun University	Zoology, Botany and Chemistry	2016

Work Experience

Position	Department	University/Organization	Year
Assistant Professor	Zoology	Dev Bhoomi Uttarakhand University, Dehradun	2 Months 17 days (15/06/2023-01/09/2023)
Assistant Professor (Guest Faculty)	Forensic Science	Kumaun University, Nainital	From 02/09/2023 till Present

Administrative Responsibilities: NA

Position	Nature of responsibility	University/Organization	Year
-	-	-	-

Research Interests

My research interests and expertise lie at the intersection of forensic science, specializing in molecular entomology, forensic entomology, and microbiology. I investigate the role of insects and microbial communities in forensic investigations, elucidating crucial insights into postmortem intervals and decomposition processes. With a focus on molecular techniques, I aim to enhance forensic methodologies for accurate and reliable evidence analysis.

Publications

a) Research Papers

Authors name	Title of the paper	Journal, vol, page no	Year
Dewali* S., Sharma, N., Miglani, R., Parveen , N., Rawat, G., Melkani, D.C., Kathayat, K. and Bisht, S.S.	Comparative study of snow-fed and Spring-Fed Rivers of Kumaun Himalaya, India.	<i>Journal of Xidian University</i> . 17(10):1 03 6-1051.	2023
Parveen* , N., Farooq, F., Miglani, R., Kumar, K. and Bisht, S.S.	Faunal Diversity of Butterflies in and Around Himalayan Botanical Garden of Western Himalayan Region, Uttarakhand, India: A First-Hand Short Report	<i>High Technology Letters</i> . 29(3):70-85.	2023
Miglani, R.* , Parveen , N., Rawat, G., Sharma, N., Kumar, A. and Bisht, S.S.	Effect of Imidacloprid and Chloropyrifos toxicity on Earthworm <i>Amyntas alexandri</i> under Laboratory Conditions.	<i>Asian Journal of Biological and Life sciences</i> . 11(3): 833-839.	2022
Miglani, R., Ahmed, S., Reynolds, J.W.,	A Comprehensive Checklist of the earthworms (Annelida:	<i>Megadrilologica</i> . 27 (10): 107-137	2022

Parveen, N., Kumar, A. and Bisht, S.S.	Oligochaeta) of Uttarakhand, India		
Sharma, N., Bisht, S.S., Gupta, S., Dewali, S., Parveen, N* and Pant, R	Two-dimensional Gel Analysis of Total Seed Protein of Horse Gram (<i>Macrotyloma uniflorum</i>) for Identification of their Proteomic Diversity	<i>Asian Journal of Biological and Life sciences</i> . 11(2): 334-339	2022
Parveen*, N., Kumar, K., Miglani, R., Kumar, A., Siddiqui, U., Rawat, G. and Bisht S.S.	Factors Affecting the Honey Bee Population in the Western Himalaya of Uttarakhand: An Observational Study	<i>Asian Journal of Biological and Life sciences</i> . 11(2):543-553	2022
Miglani, R., Parveen, N., Kumar, A., Ansari, M. A., Khanna, S., Rawat, G., Panda, A. K., Bisht, S. S., Upadhyay, J., & Ansari, M. N.	Degradation of Xenobiotic Pollutants: An Environmentally Sustainable Approach	<i>Metabolites</i> . 12(9), 818. IF: IF: 4.1	2022
Parveen*, N., Miglani, R., Kumar, A., Dewali, S., Kumar, K., Sharma, N and Bisht, S. P. S.	Honey Bee Pathogenesis Posing Threat to Its Global Population: A Short Review.	<i>Proceedings of the Indian National Science Academy</i> . 88:11-32. IF: 0.9	2022
Miglani, R., Parveen*, N. Kumar, A., Sharma, N. and Bisht, S. P. S.	Insecticide Toxicity: Consumption, Assessment Methodologies and Safety Issues in India	<i>International Journal of Zoological investigations</i> . 7(2): 621-628	2021
Parveen*, N., Miglani, R., Sharma, N. and Bisht, S. P. S.	Socio-Economic Analysis of Traditional and Commercial Beekeeping in Western Himalayas, India.	<i>International Journal of Zoological investigations</i> . 7 (2): 713-722.	2021
Kumar K.*, Parveen N., Kumar A., Bora S., and Bisht S. P. S.	Frequency and Geospatial Distribution of Human Conflict with <i>Ursus thibetanus</i> and	<i>International Journal of Zoological</i>	2021

	<i>Panthera pardus</i> in Chenab Valley of Jammu and Kashmir, India	<i>Investigations.</i> 7(2): 491-498	
Kumar K.*, Bisht S. P. S., Sharma N., Kumar A. and Parveen N.	Quantitative Evaluation of Crop Damage by Wild Animals in Chenab Valley of Jammu and Kashmir India	<i>Journal of Emerging Technologies and Innovative Research (JETIR).</i> 6(4): 603-612	2019
Kumar K.*, Bisht S. P. S., Sharma N., Kumar A., Bora S., Pandey N. and Parveen N.	Studies on Crop Depredation Caused by Wild Animals in Some Villages of Chenab Valley Jammu and Kashmir, India.	<i>Bulletin of Environment, Pharmacology and Life Sciences.</i> 8 (1): 46-50	2019

b) Patents: NA

Authors name	Title of the patent	Patent no (Granted or filed)	Year
-	-	-	-

c) Books: NA

Authors name	Title of the book	Publisher	ISBN	Year
-	-	-	-	-

d) Book chapters

Authors name	Title of the book	Publisher	ISBN	Year
Parveen, N., Panda, A.K., Mishra, R., Kerketta, A., and Bisht, S.S.	Application of genetically modified microorganism as biosorbents for polluted environment. In Genetically Engineered Organism in Bioremediation	Taylor & Francis, CRC Press, USA	eBook ISBN9781003188568	2023

Jain, A., Prajapati, S.K., Jain, D., Jain, R., Panda, A.K., Parveen, N., Bisht, S.S. and Bahera, S.K.	Cancer Biology. In: Therapeutic Nanocarrier in Cancer Treatment.	Bentham Science Publications		2023
Siddiqui, U., Miglani, R., Parveen, N., Kumar, A., Sharma, S., and Bisht, H.C.S.	Effect of Microplastics on Aquatic Food Chain and Food Web Altering Phytoplankton Community Structure. In: Aquatic Pollution: Concerns and Abatement	Elite Publishing House.	ISBN: 978-93- 58999-70-9.	2023
Miglani, R., Parveen, N., Bisht S.P.S., Panda, A.K., Bala, M., Upadhyay, J., Kumar, A. and De- Mandal, S.	Earthworm gut microbiome: The uncharted microbiome. In: Metagenomics and Microbial Ecology: Techniques and Applications.	Taylor & Francis, CRC Press, USA.	ISBN: 9781003042570.	2021
Kumar, A., Miglani, R., Parveen, N., Rawat, G., Rana, M. and Bisht, S.S.	Decoction and their Biological Activities. In Book: Advanced Phytochemicals and Plant- based Drug Research	Taylor & Francis, CRC Press, USA.	ISBN: 9781668451298.	2021
Miglani, R., Parveen, N.,	Bacteriocin and its biomedical applications with	Elsevier Publications,	ISBN: 9780323901130	2021

Kumar, A., Dewali, S., Rawat, G., Mishra, R., Panda, A.K. and Bisht, S.S.	special reference to lactobacillus. In: Recent Advances and Future Perspectives of Microbial metabolites, Applications in Biomedicine	Academic Press, Netherlands		
Miglani, R., Parveen, N., Bisht S.P.S. and Verma, A.	Pesticide toxicity to insect pollinators with concern to declining population of Honey Bees (Insecta: Hymenoptera). In: Experimental Animal Science-Birds and Insects	Discovery Publishing House Pvt. Ltd, New Delhi.	ISBN: 978-93- 88854-46-7.	2020

e) Conference Publications/Proceedings

Authors name	Title of the paper	Conference name	Year
Nagma Parveen and Satpal Singh Bisht	Antibacterial potential of <i>Psidium guajava</i> and <i>Ricinus communis</i> plant extracts against honeybee pathogen <i>Paenibacillus larvae subsp. pulvifaciens</i> (MTCC 2904)	International Conference (HYBRID MODE) On “Emerging Trends in STEM & Health - Agri Sciences for Sustainable Development	2024

Projects: NA

Title of the project	Funding agency	Amount (Rs)	Year
-	-	-	-

Teaching details

Name of the Course/Paper	Department	University	Year
M.Sc. Zoology, I- Semester/ Genetics and Cytogenetics	Department of Zoology, School of Allied Sciences	Dev Bhoomi Uttarakhand University, Dehradun	2023
B.Sc. Zoology, III- Semester/ Life Sustaining system			
B.Sc. Zoology, III- Semester/ Medical Diagnostics			
B.Sc. Zoology, V- Semester/ Molecular Biology			
M.Sc. Biomedical Sciences, II- Semester/ Medical Microbiology	Department of Biomedical Science	Kumaun University	2023
M.Sc. Biomedical Sciences, III- Semester/ Human Physiology II			2023-24
M.Sc. Biomedical Sciences, IV- Semester/ Research Methodology and Intellectual Property Rights (IPR)			2024
M.Sc. Forensic Science, I- Semester/ Forensic Tools and Techniques	Department of Forensic Science	Kumaun University	2023-24
M.Sc. Forensic Science, I- Semester/ Investigation Techniques			
M.Sc. Forensic Science, II- Semester/ Instrumental Methods of Analysis			2024
M.Sc. Forensic Science, II- Semester/ Forensic Biology & Biological Techniques			

Professional Memberships

Organization	Position	Year
COLOSS Honey Bee Research Association, University of Bern, Switzerland	Member	2021 (Life time)

International Society of Hymenopterists (ISH), Toronto, Canada	Member	2021-2024
Microbiologists Society, India, Maharashtra India.	Member	2022 (Life time)

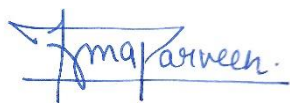
Honours and Awards

Award	Awarding Organization	Year
Young Scientist Award at 13 th Uttarakhand State Science and Technology Congress 2018-19	Uttarakhand State Council for Science and Technology	2019

Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
Survey on Status of Antibiotic Used in Beekeeping by Honey-Beekeepers to Treat Bacterial Pathogenesis in Nainital District	13 th Uttarakhand State Science and Technology Congress 2018-19	Uttarakhand State Council for Science and Technology	2019
Current Scenario of Bacterial Pathogenesis and Antimicrobials Used in Traditional and Non-Tradition Apiculture in Kumaun Himalayas, Uttarakhand	Young Scientists Conference: India International Science Festival, Kolkata, West Bengal, India	India International Science Festival	2019
Socio-Economic Analysis of Traditional and Commercial Beekeeping in Western Himalayan Region, Uttarakhand, India	3 rd International Web Conference-Global Initiatives in Agricultural,	Agricultural & Environmental Technology Development Society,	2021

	Forestry and Applied Sciences	U.S. Nagar, Uttarakhand, India Department of Agronomy, Sher-e- Bangla Agricultural University, Dhaka, Bangladesh	
Honey Probiotics: Health Benefits and Applications	International Seminar on Women and Health	Kumaun University	2023
Antibacterial potential of <i>Psidium guajava</i> and <i>Ricinus communis</i> plant extracts against honeybee pathogen <i>Paenibacillus larvae subsp. pulvifaciens</i> (MTCC 2904).	International Conference (HYBRID MODE) On “Emerging Trends in STEM & Health - Agri Sciences for Sustainable Development	MIET Group of Institute, Haldwani, Uttarakhand, India	2024



Signature of the faculty member