

Kumaun University, Nainital
Curriculum Vitae

Name : Dr. Manoj Kumar Arya
Designation : Associate Professor
Department : Department of Zoology
Contact Information
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Educational Qualification

Degree	University	Subjects	Year
Ph.D.	Gurukula Kangri Vishwavidyalaya, Haridwar, Uttarakhand (India)	Zoology	2005
M.Sc.	Kumaun University, Nainital	Zoology (Specialization with Entomology)	1999

Work Experience

Position	Department	University/Organization	Year
Associate Professor	Department of Zoology	Kumaun University, Nainital	July 2020-till date
Assistant Professor	Department of Zoology	Kumaun University, Nainital	July 2008-July 2020

Administrative Responsibilities

Position/ Nature of responsibility	University/Organization	Year
Senior Superintendent of Semester Examination (Noon session)	D.S.B Campus, Kumaun University, Nainital	2023-2024
Member of Proctorial Board	D.S.B Campus, Kumaun University, Nainital	2013-2022.
Member of Anti-Ragging Committee	D.S.B Campus, Kumaun University, Nainital	2022
Assistant Coordinator of Pre-Ph.D. Coursework of Ph.D. students of Science Faculty,	D.S.B. Campus Kumaun University, Nainital	2016, 2017 and 2021.
Member of Admission committee of B.Sc. Part-I/Semester-I,	D.S.B Campus, Kumaun University, Nainital	2008-2020
Member of Admission committee of B.Sc. Semester-III	D.S.B Campus, Kumaun University, Nainital	2017-19

Programme officer of National Service Scheme (N.S.S.)	D.S.B. Campus, NSS-Unit, Kumaun University, Nainital,	2008-2013
Member of University External Flying Squads team	Kumaun University	2008-2012
Member of Coordination committee of Main Examination	Kumaun University, Nainital	2017
Member of Central Evaluation of Main Examination	Kumaun University, Nainital	2015 and 2017
Assistant Superintendent of Main Examination, (Noon-Session)	D.S.B Campus, Kumaun University, Nainital	2014
Assistant Superintendent of Self-finance Courses Examination	D.S.B Campus, Kumaun University, Nainital	2013
Member of Sports Committee	D.S.B Campus, Kumaun University, Nainital	2010 and 2015
In-charge of SAF Library	Department of Zoology, D.S.B Campus, Kumaun University, Nainital	2008-2019
Co-opted member of Centre for Climate Change	Kumaun University, Nainital	2009-2010

Research Interests

The Insect Biodiversity Laboratory focuses on studying various insect issues in the forests and agricultural landscapes of the Kumaun Himalaya, including anthophilous insects, pollinators, pests, and their ecological roles. We employ both technological and ecological methods for conservation, emphasizing the sustainability of forests and agriculture in the region.

Publications

Research Papers

Authors name	Title of the paper	Vol, page no	Year
Arya, M.K. and Badoni, A.	<i>Berberis aristata</i> DC: An important winter foraging source for anthophilous insects in Western Himalaya. (<i>Journal of Advanced Zoology</i>)	44(02): 10-18	2023
Verma, A. and Arya, M.K.	Widespread butterflies follow inconsistent trends in the Bergmann's rule and flight morphometry: Implications for conservation in the Western Himalaya. (<i>Acta Oecologica</i>)	120: 103932	2023
Chandra, H., Arya, M.K. and Verma, A.	Biodiversity of butterflies (Lepidoptera: Rhopalocera) in the protected landscape of Nandhour, Uttarakhand, India. (<i>Journal of Threatened Taxa</i>)	15(1): 22448-22470	2023
Arya, M.K. , Chandra, H. and Verma, A.	Spatial insect diversity paradigms and related ecosystem services in the protected Nandhour Landscape of India. (<i>Journal of Insect Biodiversity and Systematics</i>)	09(1): 115-138	2023
Arya, M.K. and Badoni, A.	Insect pollinator assemblage on temperate fruit crops on Kumaun Himalaya. (<i>Indian Journal of Entomology</i>)	85(2): 315-321	2023
Badoni, A. and Arya, M.K.	Diversity of anthophilous insects on naturalized species <i>Ageratina adenophora</i>	92(3): 659-666	2022

	(Spreng.) King and H. Rob. in Western Himalaya. (<i>Proceedings of the National Academy of Sciences, India, Section-B: Biological Sciences</i>)		
Verma, A. and Arya, M.K.	Butterfly diversity and abundance in a sub-tropical wetland environment of Shyاملatal, Western Himalaya. (<i>Asian Journal of Conservation Biology</i>)	11(1): 26-40	2022
Badoni, A. and Arya, M.K.	Insects visiting the medicinal plants from genus <i>Berberis</i> L. in the Western Himalaya. (<i>Oriental Insects</i>)	56(1): 1-13	2022
Chandra, H., Arya, M.K. , Verma, A. and Dayakrishna	Structural assemblage of beetles in different land-use types of the Nandhour Wildlife Sanctuary, Terai Arc Landscape. (<i>International Journal of Tropical Insect Science</i>)	42: 1517-1533	2021
Verma, A., Arya, M.K. and Bisht, A.K.	Increased insect pollinator service overcomes barriers in reproductive success of <i>Aesculus indica</i> Colebr. (Hippocastanaceae) in the temperate Himalaya. (<i>Proceedings of the Zoological Society</i>)	74(3): 313-326	2021
Verma, A. and Arya, M.K.	Proposed Multipurpose Project at Pancheshwar in the Western Himalaya affects rich butterfly diversity: a conservation concern. (<i>Journal of Insect Conservation</i>)	25(1): 89-107	2021
Badoni, A. and Arya, M.K.	Quantitative assessment of anthophilous insects associated with medicinally important weed plants of genus <i>Cirsium</i> . (<i>Indian Journal of Ecology</i>)	48(3): 731-738	2021
Bisht, S., Arya, M.K. and Farooq, F.	Moth assemblages of an urban biotope in Kumaun Himalaya, Uttarakhand. (<i>Indian Journal of Entomology</i>)	83(2): 169-173	2021
Arya, M.K. , Chandra, H., Bisht, S. and Farooq, F.	Preliminary report on moth diversity in the landscape of Nandhour Wildlife Sanctuary: adding subset to Lepidopteran insects of Protected Area Network. (<i>Uttar Pradesh Journal of Zoology</i>)	42(15): 12-22	2021
Farooq, F., Arya, M.K. , Sagir, M., Sharma, N. and Bisht, S.	Seasonal diversity, status and climatic factors affecting butterfly (Insecta: Lepidoptera) fauna in Chaubatia Garden, Ranikhet-Almora, Western Himalaya, India. (<i>Uttar Pradesh Journal of Zoology</i>)	42(9): 60-70	2021
Arya, M.K. , Verma, A. and Tamta, P.	Diversity of butterflies (Lepidoptera: Papilionoidea) in a temperate forest ecosystem, Binsar Wildlife Sanctuary, Indian Himalayan Region. (<i>Nature Environment and Pollution Technology</i>)	19(3): 1133-1140	2020
Arya, M.K. , Dayakrishna and Verma, A.	Patterns in distribution of butterfly assemblages at different habitats of Corbett Tiger Reserve, Northern India. (<i>Tropical Ecology</i>)	61(2): 180-186	2020
Arya, M.K. , Verma, A. and Chandra, H.	Sex-Specific extra floral feeding preferences among subtropical butterfly fauna of Terai Arc Landscape, Southern Himalaya, India. (<i>Indian</i>	47(1): 196-204	2020

	<i>Journal of Ecology</i>)		
Arya, M.K. and Dayakrishna	Spatial distribution and habitat association of beetle assemblages in the Landscape of Corbett Tiger Reserve, Uttarakhand, India. (<i>Ecology, Environment and Conservation</i>)	26(2): 683-687	2020
Farooq, F. and Arya, M.K.	Surveillance of insect pests and their effects on the productivity of Peach crops in Kumaun Himalaya, Uttarakhand, India. (<i>Indian Journal of Entomology</i>)	81(4): 792-794	2019
Kumar, K., Joshi, P.C. and Arya, M.K.	Assessment of seasonal and altitudinal variation in population density of beetles (Coleoptera) in Nanda Devi Biosphere Reserve, Western Himalaya, India. (<i>Journal of Environment and Bio- Sciences</i>)	33(2): 275-286	2019
Arya, M.K. and Verma, A.	Notes on recent distribution records and ecology of butterflies <i>Athyma cama</i> Moore (1858) and <i>Tagiades menaka</i> (Moore, 1866) from eastern Kumaon division, Uttarakhand, India. (<i>Journal of Environment and Bio- Sciences</i>)	33(1): 129-132	2019
Kumar, K., Joshi, P.C., Arya, M.K. and Nath, P.	Altitude and seasonality of the Hymenopteran insects associated with high altitude forest of Nanda Devi Biosphere Reserve, Western Himalaya, India. (<i>Journal of Environment and Bio- Sciences</i>)	33(1): 19-29	2019
Arya, M.K. , Verma, A. and Neha	Biodiversity assessment of butterflies in Kumaun Lesser Himalayan oak forest for promoting Ecotourism at city Nainital. (<i>Journal of Himalayan Ecology and Sustainable Development</i>)	13: 75-95	2018
Arya, M.K. , Tamta, P. and Verma, A.	Systematic survey on alpha diversity of anthophilous insect fauna in Binsar Wildlife Sanctuary, Western Himalaya. (<i>Entomon</i>)	43(2): 99-110	2018
Farooq, F. and Arya, M.K.	Butterflies diversity in the temperate fruit tree orchards of Kumaun Himalaya, Uttarakhand, India. (<i>Journal of Entomology and Zoology Studies</i>)	6(2): 2946-2953	2018
Arya, M.K. , Tamta, P., Kumar, K. and Joshi, P.C.	Bio-spectrum of trophic position and secondary productivity of insects of Binsar Wildlife Sanctuary in the Western Himalayas. (<i>Journal of Environment and Bio- Sciences</i>)	32(1): 35-43	2018
Farooq, F. and Arya, M.K.	An observation on the taxonomic composition, relative abundance and seasonal variation of Odonate (Dragon and Damsel flies) fauna of Chaubatia Garden Ranikhet, Almora, Uttarakhand, India. (<i>Journal of Environment and Bio- Sciences</i>)	32(2): 253-257	2018
Verma, A. and Arya, M.K.	A preliminary study on the status and distribution of butterfly fauna in and around the valley of Reetha Sahib, Champawat, Kumaun Himalaya, India. (<i>Biological Forum-An International Journal</i>)	10(1): 43-51	2018
Arya, M.K. and Dayakrishna	Species richness and diversity of butterflies in the Landscape of Nandhour Wildlife	31(2):307-315	2017

	Sanctuary, Nainital, Uttarakhand. (<i>Journal of Environment and Bio- Sciences</i>)		
Kumar, K., Joshi, P. C. and Arya M.K.	Variation in Population Density and Biomass of Butterflies in Nanda Devi Biosphere Reserve (NDBR), West Himalaya, Uttarakhand. (<i>Journal of Environment and Bio- Sciences</i>)	31(1): 9-16	2017
Arya, M.K. , Tamta, P., Dayakrishna and Joshi, P.C.	Observation on Population ecology and Bioenergetics of <i>Chorthippus almoranus</i> Uvarov (Orthoptera: Acrididae). (<i>Journal of Environment and Bio- Sciences</i>)	31(1): 101-107	2017
Arya, M.K. , Tamta, P. and Dayakrishna	Study on distribution and diversity of beetles (Insecta: Coleoptera) in different elevational zones of Binsar Wildlife Sanctuary, Almora, Uttarakhand, India. (<i>Journal of Entomology and Zoology Studies</i>)	4(4): 311-316	2016
Dayakrishna, Arya, M.K. , Joshi, P.C. and Kumar, K.	Variation in distribution, density and diversity of grasshoppers (Insecta: Orthoptera) in different habitats of Corbett Tiger Reserve, Uttarakhand, India. (<i>Journal of Environment and Bio- Sciences</i>)	30(2): 275-281	2016
Dayakrishna and Arya, M.K.	Study on the abundance and diversity of Dragonflies and Damselflies (Insecta: Odonata) of Corbett Tiger Reserve, Uttarakhand, India. (<i>Journal of Entomology and Zoology Studies</i>)	3(4): 467-472	2015
Arya, M.K. , Joshi, P.C. and Badoni, V.P.	Studies on Taxonomy, Distribution, Ecology and Behaviour of Grasshoppers (Insecta: Orthoptera) in Nanda Devi Biosphere Reserve, Western Himalayas, India. (<i>Biological forum - An International Journal</i>)	7(2): 591-598	2015
Kumar, K., Joshi, P.C., Joshi, R. and Arya, M.	Seasonal variation in density and biomass of insects in Nanda Devi Biosphere Reserve, India. (<i>Journal of Environment and Bio-Sciences</i>)	29(2): 289-296	2015
Arya, M.K. , Joshi, P.C. and Badoni, V.P.	Species composition, Abundance, Density and Diversity of Grasshoppers (Insecta: Orthoptera) in a Protected Forest Ecosystem in the Western Himalayas, India. (<i>International Journal of Fauna and Biological Studies</i>)	2(5): 42-46	2015
Arya, M.K.	Observation on trophic levels of different groups of insect population vis a vis insect pollinators in a protected forest ecosystem in the Western Himalayas. (<i>Journal of Experimental Zoology India</i>)	18(1): 271-277	2015
Arya, M.K. and Joshi, P.C.	Studies on the Beetles (Insecta: Coleoptera) in the Nanda Devi Biosphere Reserve, Western Himalayas, Uttarakhand, India. (<i>New York Science Journal</i>)	7(1): 25-32	2014
Arya, M.K. , Dayakrishna and Chaudhary, R.	Species richness and diversity of Butterflies in and around Kumaun University, Nainital, Uttarakhand, India. (<i>Journal of Entomology and Zoology Studies</i>)	2(3): 153-159	2014

Arya, M.K. , Joshi, P.C. and Agarwal, A.	Species Diversity and Fluctuation in Population Density of Coleopteran Insects of Shyampur Forest Range in the Shivalik Foot Hills, Haridwar, India. (<i>Journal of Environment and Bio-Sciences</i>)	28(1): 85-91	2014
Arya, M.K.	Assessment of Physico- Chemical Properties of soil along altitudinal gradients in a Protected Forest in the Kumaun Himalayas, India. (<i>Nature and Science</i>)	12(2): 32-37	2014
Arya, M.K. , Joshi, P.C., and Agarwal, A.	Hymenopteran community dynamics of Shyampur forest range in Shivalik foot hills, Haridwar, India. (<i>Journal of Environment and Bio-Sciences</i>)	27(1): 5-9	2013
Arya, M.K. and Dayakrishna.	Community Dynamics and Secondary Productivity of Grasshoppers (Insect: Orthoptera) in A High Altitude Forest Ecosystem in the Kumaun Himalayas, India. (<i>Annals of Forestry- An International Journal of Forest Sciences</i>)	21(2): 237-245	2013
Joshi, P.C., Arya, M.K. and Agarwal, A.	Floristic diversity, compositional and distribution pattern of a forest ecosystem in Shivalik Foot Hills, Haridwar, Uttarakhand. (<i>Journal of Environment and Bio-Sciences</i>)	25(1): 109-118	2012
Arya, M.K. and Joshi, P.C.	Species composition, abundance and density of Hymenopteran insects in Nanda Devi Biosphere Reserve, Western Himalayas, India. (<i>Journal of Environment and Bio-Sciences</i>)	25(2): 175-179	2011
Arya, M.K. and Joshi, P.C.	Floral, Avian and Mammalian Wealth of Buffer zone of Pindari Area of Nanda Devi Biosphere Reserve in Uttarakhand, India. (<i>Journal of Environment and Bio-Sciences</i>)	25(1): 7-13	2011
Joshi, P.C., Kumar, K. and Arya, M.	Assessment of insect diversity along an altitudinal gradient in Pindari forests of Western Himalaya, India. (<i>Journal of Asia-Pacific Entomology</i>)	11: 5-11	2008
Joshi, P.C. and Arya, M.	Butterfly communities along altitudinal gradients in a protected forest in the Western Himalayas, India. (<i>Natural History Journal of Chulalongkorn University</i>)	7(1): 1-9	2007
Joshi, P.C. and Arya, M.K.	Secondary productivity of herbivorous insects. (<i>Environmental Biology and Conservation</i>)	10: 37-40	2005
Joshi, P.C., Kothari, K., Badoni, V.P., Arya, M. and Agarwal, A.	Species composition and density of entomofauna vis a vis altitudinal variations and disturbances in Nanda Devi Biosphere Reserve, Uttaranchal, India. (<i>Asian Journal of Microbiology, Biotechnology and Environment Sciences</i>)	6(2): 301-308	2004
Joshi, P.C. Badoni, V.P. and Arya, M.K.	An Eco-Biological study of the above ground entomofauna of Nanda Devi Biosphere Reserve. (<i>Himalayan Biosphere Reserves</i>)	5(1&2): 92-93	2003
Joshi, P.C. Badoni, V. and	Some Geo-Ecological aspects of Pinder Valley, district Bageshwar (Uttaranchal),	16(2): 271-279	2002

Arya, M.K.	India. (<i>Himalayan Journal of Environment and Zoology</i>)		
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a) Books

Authors name/Editors Name	Title of the book	Publisher	ISBN	Year
Manoj Kumar Arya	“Biodiversity, Environment and Ecosystem Services”	Discovery Publishing House Pvt. Ltd., New Delhi (India)	978-81-959169-3-1	2023
Manoj Kumar Arya and Pawan Kumar ‘Bharti’	“Experimental Animal Science: Birds & Insects”	Discovery Publishing House Pvt. Ltd., New Delhi (India)	978-93-88854-46-7	2020
Manoj Kumar Arya, Pawan Kumar and Ritesh Joshi	“Biological Diversity and Ecology”	Discovery Publishing House Pvt. Ltd., New Delhi (India)	978-93-5056-785-2	2016

b) Book chapters

Authors name	Title of the book	Publisher	ISBN	Year
Arya, M.K., Badoni, A. and Bisht, S.	Sustainable Utilization and Conservation of Biological Wealth	Indu Book Services Pvt. Ltd., New Delhi, India	978-93-91377-88-5	2024
Arya, M.K., Chandra, H., Bisht, S. and Verma, A.	Biodiversity: Threats and Conservation	CRC Press, United States	9781003220398 (eBook)	2023
Arya, M.K., Bisht, S., Verma, A., Chandra, H., Dayakrishna and Tamta, P.	Footprints of Biodiversity in the Indian Peninsula	Narendra Publishing House, New Delhi, India	978-93-56511-98-9	2023
Arya, M.K., Farooq, F. and Bisht, S.	Footprints of Biodiversity in the Indian Peninsula	Narendra Publishing House, New Delhi, India	978-93-56511-98-9	2023
Badoni, A. and Arya, M.K.	Biodiversity, Environment and Ecosystem services	Discovery Publishing House Pvt. Ltd., New Delhi, India	978-81-959169-3-1	2023
Verma, A. and Arya, M.K.	Biodiversity, Environment and Ecosystem services	Discovery Publishing House Pvt. Ltd., New Delhi, India	978-81-959169-3-1	2023
Chandra, H., Verma, A. and Arya, M.K.	Biodiversity, Environment and Ecosystem services	Discovery Publishing House Pvt. Ltd., New Delhi, India	978-81-959169-3-1	2023
Pandey, P.,	Biodiversity, Environment and	Discovery Publishing House Pvt. Ltd., New	978-81-959169-	2023

Arya, M.K., Bisht, S. and Verma, A.	Ecosystem services	Delhi, India	3-1	
Bisht, S. and Arya, M.K.	Biodiversity, Environment and Ecosystem services	Discovery Publishing House Pvt. Ltd., New Delhi, India	978-81-959169- 3-1	2023
Bisht, S. and Arya, M.K.	Current Trends in Agriculture	Discovery Publishing House Pvt. Ltd., New Delhi, India	978-93-88854- 82-5	2022
Arya, M.K., Badoni, A., Verma, A. and Tiruwa, A.,	Biological Diversity: Current Status and Conservation Policies, Volume 1	Agro Environ Media, Publication Cell, Agriculture and Environmental Science Academy, 86, Gurubaksh Vihar (East), Kankhal, Haridwar 249408, Uttarakhand, India	978-81-954996- 2-5 (Paperback) 978-81-954996- 4-9 (eBook)	2021
Verma, A. and Arya, M.K.,	Environmental Degradation: Causes & Remediation Strategies, Volume 1	Agro Environ Media (AEM), Publication Cell, Agriculture and Environmental Science Academy, Haridwar, India	978-81-942017- 1-7 (Print) 978-81-942017- 2-4 (Online)	2020
Verma, A. and Arya, M.K.	Perspectives on Biodiversity of India, Vol. IV	CISSA, Kerala, India	978-81-937930- 6-0	2020
Arya, M.K. and Farooq, F.	Ecology and Biodiversity	Today and Tomorrow's Printers & Publishers, New Delhi, India	10: 81-7019- 660-7 13: 9788170196600	2020
Farooq, F., Arya, M.K., Wani, A.A. and Rasid, Y.	Basic and Applied Zoology	Narendra Publishing House, New Delhi (India)	978-93-89996- 28-9	2020
Farooq, F., Badoni, A. and Arya, M.K.	Experimental Animal Science: Birds & Insects	Discovery Publishing House Pvt. Ltd., New Delhi (India)	978-93-88854- 46-7	2020
Verma, A. and Arya, M.K.	Experimental Animal Science: Birds & Insects	Discovery Publishing House Pvt. Ltd., New Delhi (India)	978-93-88854- 46-7	2020
Arya, M.K. and Bisht, S.	Experimental Animal Science: Birds & Insects	Discovery Publishing House Pvt. Ltd., New Delhi (India)	978-93-88854- 46-7	2020
Arya, M.K. and Verma, A.	Current State and Future Impacts of Climate Change on Biodiversity	AEEGT Book Series, IGI Global, United States of America	9781799812265 (Hardcover) 9781799812272 (Paperback)	2020

			9781799812289 (e book)	
Arya, M.K., Verma, A. and Badoni, A.	Animal Biodiversity and Fisheries	Discovery Publishing House Pvt. Ltd. New Delhi (India)	978-93-88854- 06-1	2019
Arya, M.K. and Farooq, F.	Contaminants in Agriculture and Environment: Health Risks and Remediation, Volume 1	Agro Environ Media, Publication Cell, Agriculture and Environmental Science Academy, Haridwar, India	978-93-5321- 003-8 (Print) 978-81-942017- 0-0 (Online)	2019
Arya, M.K., Dayakrishna and Tamta, P.	Trends in Biodiversity: Floral, Faunal and Ecological Aspects	Narendra Publishing House, New Delhi	978-93-84337- 65-0	2016
Arya, M.K., Tamta, P. and Dayakrishna	Biological diversity & Ecology	Discovery Publishing House Pvt. Ltd. New Delhi (India)	978-93-5056- 785-2	2016

Projects

Title of the project	Funding agency	Amount (Rs)	Year
“Species Composition, Morphometric and Molecular Characterization of Swallowtail Butterflies (Lepidoptera: Papilionidae) in the Kumaun Region of Uttarakhand, India”	Kumaun University, Nainital (VC Project)	₹ 2,00,000/-	2024-2025
“Study on Ecology and Behaviour of Butterflies (Lepidoptera: Rhopalocera) in and around Nandhour Wildlife Sanctuary, Nainital, Uttarakhand, India”	Kumaun University, Nainital (Under Innovative Research Activities Scheme of U.G.C.	₹ 1,00,000/-	2016-2017

Teaching details

Name of the course/paper	Department	University	Year
B.Sc./Zoology	Department of Zoology	Kumaun University, Nainital	2008-2024
M.Sc./Zoology	Department of Zoology	Kumaun University, Nainital	2008-2024
Ph.D./Zoology	Department of Zoology	Kumaun University, Nainital	2013-2024

Professional Memberships

Organization	Position	Year
Indian Science Congress Association (ISCA)	Life member	2019
Zoological Society of India (ZSI)	Life member	2014
International Academy of Science and Research (IASR), Kolkata	Life member	2022
Indian Academy of Environmental Science, Haridwar (IAES)	Life member	2002
Association of Entomologists, Punjab	Life member	2014
Environment & Social Development Association (ESDA), Delhi	Life member	2019

Society for Environment Conservation (Sensetion)	Executive member	2009
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Honours and Awards

Award	Awarding Organization	Year
Best Paper Presentation	National Seminar on Mission Life and Faunal Diversity of India. Organised by Zoological Survey of India, Dehradun in association with Maaty Organisation, Alpine Groups of Institute, Dolphin PG Institute, Uttaranchal University and Building Dream Foundation.	2023
Best Entomologist Award	Dr. S.N.N Government Degree College, Vedikhal, Pauri Garhwal, Uttarakhand on the occasion of National Seminar being organized in the collaboration with UCOST, Dehradun and Department of Information and Science and Technology, Govt. of Uttarakhand.	2023
Madhavi Shyam Gold Medal in Entomology	Zoological Society of India	2022
Research Excellence Award	International Academy of Science and Research (IASR), Kolkata	2022
Emerging Young Scientist Gold	Indian Academy of Environmental Sciences, Haridwar, India	2019
Fellow (FZSI)	Zoological Society of India	2015
Gold Medal (Poster presentation category)	25 th All India Congress of Zoology, India	2014
Fellow (FIAES)	Indian Academy of Environmental Sciences, Haridwar, India	2012
State Award (First Position) in Uttarakhand State Science Festival	Organized by SCERT, Uttarakhand & NCERT, New-Delhi.	2006
First Position in District Science Festival	Organized by SCERT, Uttarakhand	2006

Conference Presentations

Title of presentation	Conference name	Name of the institution	Year
"Insect diversity of Protected area network in Kumaun division of Uttarakhand, India"	National Seminar on "Mission Life and Faunal Diversity of India"	Zoological Survey of India, Dehradun in association with Maaty Organisation, Alpine Groups of Institute, Dolphin PG Institute, Uttaranchal University and Building Dream Foundation	2023
"Insect-Microbiome Association: A Review"	National conference on "Vedic Microbiology vs Modern Biotechnology"	Faculty of Life Science, Gurukula Kangri (Deemed to be University), Haridwar and sponsored by Uttarakhand Council of Biotechnology, Govt. of Uttarakhand, Pantnagar, Uttarakhand	2023
"Diversity of moths (Lepidoptera: Heterocera) in the Lake Catchment area of Nainital,	National conference on "Science and Technology for All (NCSTA)"	The Indian Science Congress Association: Haridwar Chapter. Hosted by Department of Chemistry, Department of Physics, Department	2023

Uttarakhand, India”		of Ancient Indian History, Culture & Archaeology, Gurukula Kangri (Deemed to be University), Haridwar.	
“Distribution and diversity of anthophilous insects in Western Himalaya, India”	4 th International Conference on “Global efforts on Agriculture, Forestry, Environment and Food Security” (GAFFEF	Agricultural and Environmental Technology Development Society (AETDS), U.S. Nagar, Uttarakhand, India in association with Institute of Forestry, Tribhuvan University, Pokhara Campus, Nepal	2022
“Distribution, diversity and relative abundance of insect pollinators in Chaubatia garden, Ranikhet”	National Seminar and 33 rd All India Congress of Zoology (AICZ) on “Emerging trends in Biological Sciences in Light of environmental degradation”	Department of Zoology, S.N. Shukla University, Shahdol (M.P.)	2022
“Biospectrum of insects associated with some medicinal plants of Uttarakhand”	National Conference on “Biodiversity, Climate change and Food security for livelihood with multi-disciplinary approach for sustainable development”	Department of Zoology, Govt. Degree College, Doda, JK (UT) in collaboration with Indian Academy of Science and Research (IASR), Kolkata	2022
“Moths diversity trend during the time of COVID-19 crisis in Kumaun Himalaya”	World Environment Summit	Environment and Social Development Association (ESDA), Delhi	2021
“World of Insects: An Overview”	National Conference-2020 on “Relevance of Veda, Science & Technology in COVID-19”	Department of Computer Science, Faculty of Technology, Gurukula Kangri Vishwavidyalaya, Haridwar	2020

(Dr. Manoj Kumar Arya)