

RESUME/BIO-DATA

1. **Name:** Prof. Ajay Singh
2. **Father's Name:** Shri. Girjesh Pal Singh
3. **Mother's Name:** Smt. Kanti Singh
4. **Department:** Zoology
5. **Date of Joining the University:** 09th November, 1993
6. **Total Teaching Experience:**
 - UG: 29 Years
 - PG: 29 Years
7. **Total Research Experience:** 35 Years
8. **Area of Specialization:**
 - Fishery Biology
 - Aquatic Toxicology
 - Snail Control



9. Academic Qualification:

S.N.	Exam	Speciality	Institute/University	Year
1.	UG	Zoology, Botany, Chemistry	University of Gorakhpur	1984
2.	PG	Zoology	University of Gorakhpur	1986
3.	Ph.D.	Snail Control through plant origin molluscicides	University of Gorakhpur	1991

10. International/ National Fellowship/ Financial Support for advance studies/research:

S. N.	Name of the fellowship/ financial support	Year of Award	National/International	Awarding Agency
1.	Junior Research Fellow	1988	National	CSIR
2.	Senior Research Fellow	1990	National	CSIR
3.	Post-Doctoral Fellowship	1991	National	CSIR

11. International/ National award/ Recognition for academics:

S. N.	Name of fellowship/ award/recognition	Year of Award	National/ International	Awarding Agency
1.	Fellowship	2003	National	Zoological Society of India, Bodh Gaya
2.	Fellowship	2011	National	Zoological Society, Kolkata
3.	Fellowship	2013	National	Society of Biological Sciences & Rural Development, Allahabad
4.	Prof. Baba Jadhav Award	2018	National	The Society of Life Sciences

12. Extension Activity Participation

S.N.	Name of Activity	Year
1.	Farmer's Awareness Program	Each year on Farmer's Day
2.	Workshop on Tools & Techniques	Each Year
3.	Entrepreneurial Activities under Zero Waste Campus	2021, 2022
4.	Conference on recent advances in Life Sciences	2018
5.	Awareness program for conservation of environment	Each Year

13. Ph.D. Supervised

S. N.	Name of the Ph.D. Scholar	Title of the Thesis	Year of Registration	Year of Award of Ph.D.
1.	Dr. V. K. Srivastava	Studies on the toxicological and biochemical effects of commercially formulated pesticides on freshwater fish <i>Channa punctatus</i>	1997	2000
2.	Dr. Sunil Kumar Singh	Studies on molluscicidal properties of some common plants of Eastern Uttar Pradesh against harmful snails	1997	2001
3.	Dr. Ram Pratap Yadav	Studies on molluscicidal properties of some common plants of family Euphorbiaceae and their environmental impact on non-target organism	1997	2001
4.	Dr. Digvijay Singh	Studies on the toxicological and biochemical effects of phytopesticides on non-target freshwater fish <i>Channa punctatus</i>	1998	2001
5	Dr. Sudhanshu Tiwari	Studies on the toxicological and biochemical effects of active compound extracted from some common plant against freshwater predatory fish <i>Channa punctatus</i>	2000	2003

6.	Dr. (Smt.) Rajeshwari Yadav	Studies on insecticidal properties of common euphorbious plants against mosquito larvae	2000	2004
7.	Dr. Meelu Rai	Studies on toxicological and biochemical effects of certain plant origin insecticides on freshwater target and non-target organism	2000	2005
8.	Dr. Manisha Srivastava	Studies on isolation of compounds from common plants and their role in integrated vector management programme	2000	2006
9.	Dr. Jaya Singh	Studies on water quality and pollution load in Maheshara lake of Gorakhpur district U.P.	2006	2010
10.	Dr. Jaya Shahi	Studies on fresh water fishes under the stress of paper industry (Rayana Paper Board Industries Limited, Sant Kabir Nagar) effluents and its impact on the water quality of river, Aami.	2006	2010
11.	Dr. Saroj Chauhan	Studies on molluscicidal properties of common plants in ponds.	2006	2010
12.	Dr. Preeti	Studies on planktons found in Maheshara Lake of Gorakhpur	2006	2010
13.	Dr. Kamlesh Kumar	Studies on the piscicidal activity of active compounds extracted from common plants against freshwater predatory and weed fishes in ponds	2007	2011
14.	Mr. Abhishek Kumar	Botanical Pesticides: Effect on blood parameters and calcium regulating endocrine glands of a telecast <i>Heteropneustes fossilis</i>	2007	2012
15.	Pallavi Srivastava	Studies on the genotoxic, physiological and biochemical effect of agricultural pesticides on fresh water fishes.	2010	2015
16.	Chandra Shekhar	A comparative study of commercially used synthetic pesticides and plant origin pesticides against freshwater predatory and weed fishes in reference to their toxicological and biochemical effects	2010	2017
17.	Pallavi Shukla	Studies of the effect of pulp and paper mill effluent on fish and aquatic mega-fauna in river Aami of Sant Kabir Nagar.	2010	2015
18.	Zuby Afroz	Genotoxicity and metabolic anomalies induced by pulp and paper mill effluent in fresh water fishes	2010	2015
19.	Bhumesh Pratap	A comparative study on the piscicidal activity of commercial and botanical piscicides on trash fishes and on non-target major carp	2010	2015

20.	Lal Babu Yadav	Studies on plankton population found in Chhapkaiya pond, Birganj, Nepal	2014	2018
21.	Abhai Deep Jonson	Studies on larvicidal and growth inhibitor activity of some medicinal plant compounds, synthetic insecticides and their combinations against filarial vector <i>Culex quiquefasciatus</i>	2014	2019
22.	Km. Mamta	Studies on fish as a bio-indicator of environmental pollution in Ramgarh lake (Gorakhpur, Uttar Pradesh, India).	2014	2020
23.	Anamika Singh	Studies on toxic effects of commonly used herbicides on non-target animals.	2014	2020

14. Research/Review Papers Published:

S. No.	Title of Paper	Name of the author/s	Name of Journal	Year of publication	ISSN Number	Link of the recognition in UGC enlistment of the Journal		
						Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
1.	Molluscicides of plant origin	Ajay Singh, D.K. Singh, T.N. Mishra and R.A. Agarwal	Biological Agriculture and Horticulture	1996	0144-8765	https://www.tandfonline.com/doi/abs/10.1080/01448765.1996.9754782	https://www.tandfonline.com/doi/abs/10.1080/01448765.1996.9754782	Scopus
2.	Molluscicides from some common medicinal plants of eastern Uttar Pradesh, India.	S.K. Singh, R. P. Yadav and Ajay Singh	Journal of Applied Toxicology	2010	0260-437X	www.interscience.wiley.com	DPI 10.1002/jat.1498	Scopus
3.	Molluscicidal and Piscicidal properties of three medicinal plants of family Apocynaceae – a review.	Sunil K. Singh, Shailendra K. Singh and Ajay Singh	Journal of Biology and Earth Science	2013	2084-3577	https://oaji.net/journal-detail.html?number=902	https://oaji.net/journal-detail.html?number=902	Scopus
4.	Possibility of using latex of euphorbiales for snail control.	Ajay Singh and R.A. Agarwal	The Science of the Total Environment	1988	00489697	https://www.sciencedirect.com/science/article/abs/pii/0048969788900587	https://doi.org/10.1016/0048-9697(88)90058-7	Scopus
5.	Molluscicidal and Anti-Cholinesterase activity of euphorbiales.	Ajay Singh and R.A. Agarwal	Biological Agriculture and Horticulture	1990	0144-8765	https://www.tandfonline.com/doi/abs/10.1080/01448765.1990.11978497	https://doi.org/10.1080/01448765.1990.11978497	Scopus

6.	Molluscicidal properties of synthetic pyrethroids.	Ajay Singh and R.A. Agarwal	Journal of Medical and Applied Malacology	1990		https://ucmp.berkeley.edu/mologis/MedAplMa.html	https://ucmp.berkeley.edu/mologis/MedAplMa.html	CAS
7.	Kinetics of acetylcholinesterase inhibition by the latex of euphorbiales in the snail <i>Lymnaea acuminata</i> .	Ajay Singh and R.A. Agarwal	Journal of Medical and Applied Malacology	1991		https://ucmp.berkeley.edu/mologis/MedAplMa.html	https://ucmp.berkeley.edu/mologis/MedAplMa.html	CAS
8.	Toxicity of the latex of euphorbiales: Effect on acid and alkaline phosphatase of the snail <i>Lymnaea acuminata</i> .	Ajay Singh and R.A. Agarwal	Biological Agriculture and Horticulture	1992	0144-8765	https://www.tandfonline.com/doi/abs/10.1080/01448765.1992.11978497	https://www.tandfonline.com/doi/abs/10.1080/01448765.1992.11978497	Scopus
9.	Molluscicidal activity of euphorbiales against the snail <i>Indoplanorbis exustus</i> .	Ajay Singh and R.A. Agarwal	Acta hydrochim et hydrobiol	1992	0323-4320	https://www.wiley-vch.de/en/show/journals/108-acta-hydrochimica-et-hydrobiologica-7717-en	https://www.wiley-vch.de/en/show/journals/108-acta-hydrochimica-et-hydrobiologica-7717-en	Scopus
10.	Effect of cypermethrin, mexacarbate and phorate on phospholipids and lipid peroxidation in the snail <i>Lymnaea acuminata</i> .	Ajay Singh, D.K. Singh and R.A. Agarwal	Bulletin of Environmental Contamination and Toxicology	1993	0007-4861	https://www.springer.com/journal/128	https://link.springer.com/article/10.1007/BF00201002	Scopus
11.	Effect of cypermethrin on lactate and succinic dehydrogenase and cytochrome oxidase of snail and fish	Ajay Singh and R.A. Agarwal	Bulletin of Environmental Contamination and Toxicology	1993	0007-4861	https://www.springer.com/journal/128	DOI: 10.1007/BF00201765	Scopus
13.	Effect of synthetic pyrethroids on snail metabolism	Ajay Singh and R.A. Agarwal	Argonauta	1993	2037-8998	https://www.mimalakos.com/?s=1993	https://www.mimalakos.com/?s=1993	CAS
14.	Toxic effect of synthetic pyrethroid, Fenvalerate on enzymes of the target snail, <i>Lymnaea (Radix) acuminata</i> , and the non-target fish, <i>Channa striatus</i>	Ajay Singh and R.A. Agarwal	Journal of Medical and applied Malacology	1993	1053-6388	https://ucmp.berkeley.edu/mologis/MedAplMa.html	https://ucmp.berkeley.edu/mologis/MedAplMa.html	CAS
15.	<i>Nerium indicum</i> as a potent molluscicide of plant origin.	Ajay Singh and R.A. Agarwal	Journal of Medical and Applied Malacology	1993	1053-6388	https://ucmp.berkeley.edu/mologis/MedAplMa.html	https://ucmp.berkeley.edu/mologis/MedAplMa.html	CAS

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25.	Molluscicidal activity of <i>Thevetia peruviana</i> , a common medicinal plant of India	Sunil Kumar Singh, Ram P. Yadav and Ajay Singh	Journal of Medicinal and Aromatic Plant Sciences	2001	0974-7877	https://moam.info/untitled_5b80196a097c4735268b4686.html	https://moam.info/untitled_5b80196a097c4735268b4686.html	CAS
26.	Toxicity of alphamethrin, dimethoate and carbaryl pesticides to the freshwater snail <i>Lymnaea acuminata</i> and <i>Indoplanorbis exustus</i>	V. K. Srivastava and Ajay Singh	Iberus	2001	0212-3010	https://www.soesma.es/publicaciones/	https://www.biodiversitylibrary.org/part/98369	Zoological Record
27.	Environmentally safe molluscicide from two common Euphorbiales	Ram P. Yadav and Ajay Singh	Iberus	2001	0212-3010	https://www.soesma.es/publicaciones/	https://www.biodiversitylibrary.org/part/98369	Zoological Record
28.	Study of seasonal variation in toxicity of frequently used commercial organophosphate, carbamate and synthetic pyrethroid pesticide against fresh water fish <i>Channa punctatus</i> and behavioural responses of treated fish	V.K. Srivastava and Ajay Singh	Malaysian Journal of Applied Biology	2001	0126/8643	https://www.mabjournal.com/index.php?option=com_content&view=article&id=229&catid=59:current-view&Itemid=56	https://www.mabjournal.com/index.php?option=com_content&view=article&id=229&catid=59:current-view&Itemid=56	Thomson Reutter
29.	Toxic effects of dimethoate and carbaryl pesticides on carbohydrate metabolism of freshwater snail <i>Lymnaea acuminata</i>	Pankaj Kumar Tripathi and Ajay Singh	Bulletin of Environmental Contamination and Toxicology	2002	0007-4861	https://www.springer.com/journal/128	https://doi.org/10.1007/s001280297	Scopus
30.	Molluscicidal activity of <i>Codiaeum variegatum</i> , effect on snail metabolism	Ram P. Yadav, Sunil Kumar Singh and Ajay Singh	Journal of Eco-physiology and Occupational Health	2002	0972-4397	https://www.informaticsjournals.com/index.php/JEOH/index	https://www.informaticsjournals.com	Web of science
31.	Biochemical alteration in freshwater fish <i>Channa punctatus</i> due to latices of <i>Euphorbia royleana</i> and <i>Jatropha gossypifolia</i>	Digvijay Singh and Ajay Singh	Environmental Toxicology and Pharmacology	2002	1382-6689	https://pubmed.ncbi.nlm.nih.gov/21782632/	https://www.sciencedirect.com/science/article/pii/S138266890200169?via%3Dihub	Scopus
32.	Piscicidal effect of some common plants of India commonly used in freshwater bodies against target animals	Digvijay Singh and Ajay Singh	Chemosphere	2002	0045-6535	https://www.journals.elsevier.com/chemosphere	https://pubmed.ncbi.nlm.nih.gov/	Scopus

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33.	Toxic effect of latex of <i>Croton tiglium</i> on <i>Lymnaea acuminata</i> and <i>Channa punctatus</i>	Ram P. Yadav and Ajay Singh	Iberus	2002	0212-3010	https://www.soesma.es/publicaciones/	https://zenodo.org/record/4515396#.Yk_NIMhByUk	Zoological Record
34.	Larvicidal activity of latex and stem-bark of <i>Euphorbia tirucalli</i> plant on the mosquito <i>Culex quinquefasciatus</i>	Rajeshwari Yadav, V.K. Srivastava, Ramesh Chandra and Ajay Singh	Journal of Communicable Diseases	2002	0019-5138	https://pubmed.ncbi.nlm.nih.gov/14710857/	https://pubmed.ncbi.nlm.nih.gov/14710857/	Scopus
35.	Effect of synthetic pyrethroids on susceptibility mosquito <i>Culex quinquefasciatus</i>	V.K. Srivastava, Meelu Rai and Ajay Singh	Annals of Entomology	2002	0970-3721	http://www.connectjournal.com/ae	http://www.connectjournal.com/ae	
36.	Toxic effects of dimethoate and carbaryl pesticides on protein metabolism of freshwater snail <i>Lymnaea acuminata</i>	Pankaj Kumar Tripathi and Ajay Singh	Bulletin of Environmental Contamination and Toxicology	2003	0007-4861	https://www.springer.com/journal/128	https://link.springer.com/article/10.1007/s001280201280297	Scopus
37.	Control of common freshwater predatory fish <i>Channa punctatus</i> through <i>Nerium indicum</i> leaf extract	Sudhanshu Tiwari and Ajay Singh	Chemosphere	2003	0045-6535	https://www.journals.elsevier.com/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653503005952	Scopus
38.	Metabolic changes in freshwater fish <i>Channa punctatus</i> due to stem-bark extract of <i>Croton tiglium</i>	Ram P. Yadav, Digvijay Singh, S. K. Singh and Ajay Singh	Journal of Biological Sciences	2003	1028-8880	https://scialert.net/jhome.php?issn=1028-8880	https://scialert.net/abstract/?doi=pjbs.2003.1223.1228	Thomson ISI
39.	Toxic effects of dimethoate and carbaryl pesticides on reproduction and related enzymes of the freshwater snail <i>Lymnaea acuminata</i>	Pankaj Kumar Tripathi and Ajay Singh	Bulletin of Environmental Contamination and Toxicology	2003	0007-4861	https://www.springer.com/journal/128	https://link.springer.com/article/10.1007/s001280201280297	Scopus
40.	Molluscicidal and Anticholinesterase activity of <i>Alstonia scholaris</i> plant against freshwater snail <i>Lymnaea acuminata</i>	Sunil Kumar Singh and Ajay Singh	Journal of Biological Sciences	2003	1028-8880	https://scialert.net/fulltext/?doi=pjbs.2003.1442.1446	10.3923/pjbs.2003.1442.1446	Thomson ISI
41.	Toxicity of <i>Euphorbia tirucalli</i> plant against freshwater target and non-target organisms	Sudhanshu Tiwari, Pratibha Singh and Ajay Singh	Journal of Biological Sciences	2003	1028-8880	https://scialert.net/fulltext/?doi=pjbs.2003.1442.1446	10.3923/pjbs.2003.1423.1429	Thomson ISI
42.	Toxic effect of <i>Thevetia peruviana</i> and <i>Alstonia scholaris</i> lattices on the freshwater snail <i>Lymnaea acuminata</i>	Sunil Kumar Singh and Ajay Singh	Iberus	2003	0212-3010	https://www.soesma.es/publicaciones/	https://zenodo.org/record/4516108/export/xid#.YI	Zoological Record

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43.	Effect of stem-bark extract of some common plants on non-target freshwater fish <i>Channa marulius</i> (Ham).	Digvijay Singh and Ajay Singh	Indian Journal of Fisheries	2003	0970-6011	http://epubs.icar.org.in/ejournal/index.php/IJF	http://epubs.icar.org.in/ejournal/index.php/IJF/article/view/7670	Scopus
44.	Effect of the plants <i>Thevetia peruviana</i> and <i>Alstonia scholaris</i> (Family: Apocynaceae) on acetylcholinesterase activity of <i>Lymnaea acuminata</i> snails	Sunil Kumar Singh and Ajay Singh	Egyptian Journal of Schistosomiasis and Infectious and Endemic Diseases	2003	2090-7613	https://www.worldcat.org/title/egyptian-journal-of-schistosomiasis-and-endemic-infectious-diseases/oclc/47358834	https://www.worldcat.org/title/egyptian-journal-of-schistosomiasis-and-endemic-infectious-diseases/oclc/47358834	Thomson ISI
45.	Metabolic changes in the snakehead fish <i>Channa punctatus</i> due to latices of <i>Euphorbia royleana</i>	Sudhanshu Tiwari and Ajay Singh	Asian Fisheries Science	2003	0116-6514	https://www.asianfisheriessociety.org/publication/	https://www.asianfisheriessociety.org/publication/abstract.php?id=346	Scopus
46.	Toxic effects of dimethoate (organophosphate) on metabolism and enzyme system of freshwater teleost fish <i>Channa punctatus</i>	Pankaj Kumar Tripathi, V.K. Srivastava and Ajay Singh	Asian Fisheries Science	2003	0116-6514	https://www.asianfisheriessociety.org/publication/	DOI: 10.33997/j.afs.2003.16.4.008	Scopus
47.	Effect of sub-lethal concentration of <i>Codiaeum variegatum</i> latex on fresh water snail <i>Lymnaea acuminata</i> and non-target fish <i>Channa punctatus</i>	Ram P. Yadav and Ajay Singh	Nigerian Journal of Natural Products & Medicine	2003	1118-6267	https://www.jol.info/index.php/njnp/article/view/11699	DOI: 10.4314/njnp.v7i1.11699	Web of Science
48.	Toxicity of <i>Nerium indicum</i> and <i>Euphorbia royleana</i> latices against <i>Culex quinquefasciatus</i> mosquito larvae	V.K. Srivastava, S.K. Singh, Meelu Rai and Ajay Singh	Nigerian Journal of Natural Products and Medicine	2003	1118-6267	https://www.jol.info/index.php/njnp/article/view/11699	https://www.jol.info/index.php/njnp/article/view/11699	Thomson ISI
49.	Fate of synthetic pyrethroid in the aquatic medium and its effect on the aquatic organisms	P.K. Tripathi and Ajay Singh	Malaysian Journal of Applied Biology	2003	0126/8643	https://jms.mabjournal.com/index.php/mab/about	https://jms.mabjournal.com/index.php/mab/about	Scopus
50.	Studies on fish biodiversity and water quality of Ramgarh Lake in Gorakhpur District	Digvijay Singh, P.K. Deepak, R.P. Yadav, S.K. Singh and A. Singh	Malaysian Journal Applied Biology	2003	0126/8643	https://jms.mabjournal.com/index.php/mab/about	https://www.mabjournal.com/index.php?option=com_content&view=article&id=140&catid=5	Scopus

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51.	Japanese Encephalitis situation in Gorakhpur Division, U.P	V.K. Srivastava, N.K.Sinha, Ajay Singh and Ramesh Chandra	Journal of Communicable Diseases	2003	0019-5138	https://www.researchgate.net/publication/8470342_Japanese_Encephalitis_situation_in_Gorakhpur_division_UP	https://www.researchgate.net/publication/8470342_Japanese_Encephalitis_situation_in_Gorakhpur_division_UP	Web of Science
	Changes in phospholipids and lipid peroxidation level due to latex of <i>Croton tiglium</i> in freshwater snail <i>Lymnaea acuminata</i> 23 (1): 25-31	D. Singh, Ram P. Yadav and Ajay Singh	Iberus	2003	0212-3010	https://www.soesma.es/publicaciones/	https://zenodo.org/record/4521399#.Yk_Lz8hByUk	Zoological Record
52.	Effect of Oleandrin on a freshwater air breathing murrel, <i>Channa punctatus</i>	Sudhanshu Tiwari and Ajay Singh	Indian Journal of Experimental Biology	2004	0975-1009	http://nopr.niscair.res.in/handle/123456789/23417	http://nopr.niscair.res.in/handle/123456789/23417	Scopus
53.	Toxic effect of cypermethrin and alphamethrin on reproduction and oxidative metabolism of the freshwater snail	Pankaj Kumar Tripathi and Ajay Singh	Eco-toxicology and Environmental Safety	2004	0147-6513	https://www.sciencedirect.com/science/article/abs/pii/S014765130300232X?via%3Dihub	https://www.sciencedirect.com/science/article/abs/pii/S014765130300232X?via%3Dihub	Scopus
	Toxicity of alcoholic leaf extract of <i>Lantana indica</i> Plant: Effect on Haematological and physiological parameters in non-target fish <i>Heteropneusts fossilis</i> 2 (1):16-20	Ram P. Yadav and Ajay Singh	International Journal Fisheries and Aquatic Sciences	2013	2049-8411	https://maxwellsci.com/jp/j2p.php?jid=IJFAS	https://maxwellsci.com/print/ijfas/v2-13-17.pdf	PORTICO, DOAJ
54.	Carbaryl induced alterations in the reproduction and metabolism of the freshwater snail <i>Lymnaea acuminata</i>	Pankaj Kumar Tripathi and Ajay Singh	Pesticide Biochemistry and Physiology	2004	0048-3575	https://www.sciencedirect.com/science/article/abs/pii/S0048357504000239?via%3Dihub	https://www.sciencedirect.com/science/article/abs/pii/S0048357504000239?via%3Dihub	Scopus
55.	Molluscicidal activity of different organic solvent latex extracts of some common euphorbiales against freshwater harmful snails	S. K. Singh, R. P. Yadav and Ajay Singh	Journal of Sciences, Islamic Republic of Iran	2004	1016-1104	https://jscienc.es.ut.ac.ir/	https://jscience.s.ut.ac.ir/article_31583.html	Scopus
56.	Influence of alphamethirin on oxidative metabolism of freshwater fish <i>Catla catla</i>	Digvijay Singh and Ajay Singh	Bulletin of Environmental Contamination and Toxicology	2004	0007-4861	https://www.springer.com/journal/128	https://www.springer.com/journal/128	Scopus

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57.	Toxicity of Malathion and Carbaryl Pesticides: Effects on Some Biochemical Profiles of the Freshwater Fish <i>Colisa fasciatus</i>	S.K. Singh, P. K. Tripathi, R.P. Yadav, D. Singh, A. Singh	Bulletin of Environmental Contamination and Toxicology	2004	0007-4861	https://www.springer.com/journal/128	DOI:10.1007/s00128-004-0285-4	Scopus
58.	Toxic effect of two common Euphorbiales latices on the freshwater snail <i>Lymnaea acuminata</i>	S.K. Singh, R.P. Yadav, Digvijay Singh and Ajay Singh	Environmental Toxicology and Pharmacology	2004	1382-6689	www.elsevier.com/locate/etap	https://doi.org/10.1016/j.etap.2003.11.001	Scopus
59.	Piscicidal activity of alcoholic extract of <i>Nerium indicum</i> leaf and their biochemical stress response on fish metabolism	Sudhanshu Tiwari and Ajay Singh	African Journal of Traditional, Complementary and Alternative Medicines	2004	0189-6016	https://space.library.utoronto.ca/handle/1807/9176	https://space.library.utoronto.ca/handle/1807/9176	Scopus
60.	Toxic effect of stem bark of family Apocynaceae plants on freshwater snail <i>Lymnaea acuminata</i>	S.K. Singh, R.P. Yadav, D. Singh and Ajay Singh	Malaysian Journal of Applied Biology	2004	0126/8643	https://jms.mabjournal.com/index.php/mab/about	https://www.mabjournal.com/index.php?option=com_content&view=article&id=132&catid=59&current-view&Itemid=56	Scopus
61.	Piscicidal and anti-acetylcholinesterase activity of <i>Euphorbia royleana</i> stem bark extracts against freshwater common predatory fish <i>Channa punctatus</i>	Sudhanshu Tiwari and Ajay Singh	Environmental Toxicology and Pharmacology	2004	1382-6689	https://pubmed.ncbi.nlm.nih.gov/21782734/	https://pubmed.ncbi.nlm.nih.gov/21782734/	Scopus
62.	Toxicological and biochemical alterations induced by different fractions of <i>Euphorbia royleana</i> latex in freshwater harmful vector snail <i>Lymnaea acuminata</i>	Sudhanshu Tiwari, S.K. Singh and Ajay Singh	Indian Journal of Experimental Biology	2004	0975-1009	http://nopr.niscair.res.in/handle/123456789/23823	http://nopr.niscair.res.in/handle/123456789/23823	Scopus
63.	Toxic effect of Taraxerol extracted from <i>Codiaeum variegatum</i> stem bark on target vector snail <i>Lymnaea acuminata</i> and non-target fish	Ram P. Yadav, S. Tiwari and Ajay Singh	Iberus	2005	0212-3010	https://www.soesma.es/publicaciones/	https://zenodo.org/record/4521379#.Yk_KnchByUk	Zoological Record
64.	Effect of <i>Nerium indicum</i> extracts on freshwater fish <i>Channa punctatus</i>	Digvijay Singh and Ajay Singh	Journal of Herbs, Spices, and Medicinal Plants	2005	1049-6475	https://www.tandfonline.com/doi/abs/10.1300/J044v11n03_10	https://www.tandfonline.com/doi/abs/10.1300/J044v11n03_10	Scopus
63.	Biochemical Stress Responses in Tissues of Fish <i>Channa punctatus</i> due to Latices of <i>Nerium indicum</i> and <i>Thevetia peruviana</i>	Digvijay Singh and Ajay Singh	Journal of Applied Toxicology	2005	1099-1263	https://pubmed.ncbi.nlm.nih.gov/16423380/	https://pubmed.ncbi.nlm.nih.gov/16423380/	Scopus
64.	Molluscicidal evaluation of three common plant species from India	Sunil Kumar Singh and Ajay Singh	Fitoterapia	2005	0367-326X	https://pubmed.ncbi.nlm.nih.gov/16253436/	https://pubmed.ncbi.nlm.nih.gov/16253436/	Scopus

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66.	Toxic effect of stem bark and leaf of <i>Euphorbia hirta</i> plant against freshwater vector snail <i>Lymnaea acuminata</i>	Sunil Kumar Singh, R.P. Yadav, Sudhansu Tiwari and Ajay Singh	Chemosphere	2005	0045-6535	www.elsevier.com/locate/chemosphere	DOI: 10.1016/j.chemosphere.2004.10.057	Scopus
67.	Alteration in carbohydrate and protein metabolism of the harmful freshwater vector snail <i>Lymnaea acuminata</i> induced by <i>Euphorbia tricullii</i> latex extract	Sudhansu Tiwari and Ajay Singh	Environmental Research	2005	0013-9351	https://pubmed.ncbi.nlm.nih.gov/16307980/	https://pubmed.ncbi.nlm.nih.gov/16307980/	Scopus
68.	The contribution of the anti-cholinesterase activity of <i>Pedialanthus tithymaloide</i> to its molluscicidal activity	Sudhansu Tiwari, S.K. Singh and Ajay Singh	African Journal of Traditional, Complementary and Alternative Medicines	2005	0189-6016	https://journals.athmsi.org/index.php/ajtam/article/view/37	https://journals.athmsi.org/index.php/ajtam/article/view/37	Scopus
69.	The toxicity of four native Indian plants effect on AChE and acid/ alkaline phosphate level in fish <i>Channa marulius</i>	Digvijay Singh and Ajay Singh	Chemosphere	2005	0045-6535	https://www.journals.elsevier.com/chemosphere	https://www.journals.elsevier.com/chemosphere	Scopus
70.	Biochemical stress response in freshwater fish <i>Channa punctatus</i> induced by aqueous extracts of <i>Euphorbia tricullii</i> plant	Sudhansu Tiwari and Ajay Singh	Chemosphere	2006	0045-6535	https://www.journals.elsevier.com/chemosphere	https://www.journals.elsevier.com/chemosphere	Scopus
71.	Mapping of research work on genus <i>Channa</i> (Grosvioivius, 1763) and its future perspectives	Digvijay Singh, P.K. Deepak and Ajay Singh	Fishing Chimes	2006	0971-4529	https://www.fishingchimes.com/	https://www.fishingchimes.com/	Web of science
72.	Alteration in respiratory pathway of the freshwater fish <i>Channa punctatus</i> induced by <i>Euphorbia royleana</i> stem-bark extracts	Sudhansu Tiwari and Ajay Singh	Natural Product Communications	2006	1934-578X	https://journals.sagepub.com/doi/abs/10.1177/1934578X0600100712	https://journals.sagepub.com/doi/abs/10.1177/1934578X0600100712	Web of science
73.	Toxic effect of <i>Jatropha gossypifolia</i> and its binary and tertiary combinations with other molluscicides in natural ponds	Ram P. Yadav and Ajay Singh	Iberus	2006	0212-3010	https://www.soesma.es/publicaciones/	https://zenodo.org/record/4531293#.Yk_MishByUk	Zoological Record
74.	Possibility of using different extracts of <i>Lantana indica</i> for control of mosquitoes and snail vectors	Manisha Srivastava, V.K. Srivastava and Ajay Singh	Natural Products Radiance	2007	0975-1092	http://nopr.niscair.res.in/bitstream/123456789/7847/1/NPR%206(2)%20122-126.pdf	http://nopr.niscair.res.in/bitstream/123456789/7847/1/NPR%206(2)%20122-126.pdf	Scopus

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75.	Toxic Effect of Euphorbiales on freshwater snail <i>Lymnaea acuminata</i> in ponds	R.P. Yadav and Ajay Singh	Journal of Herbs, Spices, and Medicinal Plants	2007	1049-6475	https://www.tandfonline.com/journals/wasm20	https://doi.org/10.1300/J044v13n02_08	Scopus
76.	Effect of Cycloart-24-EN-3B-OL from <i>Euphorbia royleana</i> latex on neuro-enzyme AChE and oxidative metabolism of freshwater fish <i>Channa punctatus</i>	Sudhansu Tiwari, R.P. Pandey and Ajay Singh	African Journal of Traditional, Complementary and Alternative Medicines	2008	0189-6016	https://pubmed.ncbi.nlm.nih.gov/20161954/	https://pubmed.ncbi.nlm.nih.gov/20161954/	Web of science
77.	Field evaluation of malathion fogging against Japanese encephalitis vector <i>Culex tritaeniorhynchus</i>	V.K. Srivastava, Ajay Singh and B.R. Thapar	J Vector Born Dis	2008	1557-7759	https://pubmed.ncbi.nlm.nih.gov/18807383/	https://pubmed.ncbi.nlm.nih.gov/18807383/	Web of science
78.	Changes in some biochemical parameters in the liver and muscle of <i>Colisa fasciatus</i> due to toxicity of ethanolic extract of <i>Nerium indicum</i> Mill. (Lal Kaner) latex	Sudhansu Tiwari and Ajay Singh	Natural product Radiance	2009	0975-1092	http://nopr.niscair.res.in/handle/123456789/3773	http://nopr.niscair.res.in/handle/123456789/3773	Web of science
79.	Toxic effect of Binary and tertiary Combinations of extracts of <i>Euphorbia pulcherima</i> latex powder with other plant derived molluscicides against freshwater vector snail	Ram P. Yadav and Ajay Singh	Internet Journal of Toxicology	2009	1559-3916	https://ispub.com/IJTO	https://ispub.com/IJTO/7/1/3950	Web of Science
80.	Toxic effect of <i>Euphorbia pulcherima</i> plant to fingerlings of <i>Labeo rohita</i> (Hamilton) in different culturing condition	Sunil Kumar Singh and Ajay Singh	World Journal of Fish and Marine Sciences	2009	2078-4589	http://www.idosi.org/wjfm/wjfm1(4)09/12.pdf	http://www.idosi.org/wjfm/wjfm1(4)09/12.pdf	CAS
81.	Molluscicidal potential of Lantana indica and <i>Alstonia scholaris</i> plants against freshwater snail <i>Lymnaea acuminata</i>	Saroj Chauhan and Ajay Singh	Internet Journal of Toxicology	2010	1559-3916	https://print.ispub.com/api/0/ispub-article/9373	https://print.ispub.com/api/0/ispub-article/9373	Scopus
82.	Toxic effect of Crotoncaudin extracted from the medicinal plant <i>Croton tiglium</i>	Ram P. Yadav and Ajay Singh	Z. Natureforsch-C	2010	0939-5075	http://www.znaturforsch.com	DOI: 10.1515/zn-2010-5-604	Scopus
83.	Toxic effect of <i>Alstonia scholaris</i> plant to fingerlings of <i>Labeo rohita</i> (Hamilton) in different conditions	Sunil Kumar Singh and Ajay Singh	World Journal of Zoology	2010	1817-3098	https://www.idosi.org/wjz/zooology.htm	https://www.idosi.org/wjz/zooology.htm	Scopus
84.	A comparative study on piscicidal activity of synthetic pesticides and plant origin pesticides, to fish <i>Channa punctatus</i>	Jaya Shahi and Ajay Singh	World Journal of Zoology	2010	1817-3098	https://www.idosi.org/wjz/zooology.htm	https://www.idosi.org/wjz/zooology.htm	Scopus
85.	Metabolic changes in freshwater harmful snail <i>Lymnaea acuminata</i> due to aqueous extracts of bark and leaf of <i>Euphorbia pulcherima</i> plant	Sunil Kumar Singh and Ajay Singh	American-Eurasian journal of Toxicological sciences	2010	2079-2050	https://pubmed.ncbi.nlm.nih.gov/15722098/	https://pubmed.ncbi.nlm.nih.gov/15722098/	Scopus

86.	Toxicity of leaf and bark of <i>Thevetia peruviana</i> plant to fingerlings of <i>Labeo rohita</i> (Hamilton) in different conditions	Sunil Kumar Singh and Ajay Singh	Malays. Appl. Biol.	2010	0126/4643	https://www.researchgate.net/journal/Malaysian-Applied-Biology-0126-8643	https://www.researchgate.net/journal/Malaysian-Applied-Biology-0126-8643	Web of science
87.	Piscicidal activity of leaf and bark extracts of <i>Thevetia peruviana</i> plant and their biochemical stress response on fish metabolism	S. K. Singh, R. P. Yadav and Ajay Singh	European Review for Medical and Pharmacological Sciences.	2010	1128-3602	https://www.europeanreview.org/	https://www.europeanreview.org/article/839	Scopus
88.	Effect of plant derived molluscicides on reproduction and survival of the fresh water snail <i>Lymnaea acuminata</i>	Ram P. Yadav and Ajay Singh	Argaunata	2010	2037-8998	https://www.mimalakos.com/publications/argonauta/	http://www.mimalakos.com/argonauta/2010-1-6/index16.htm	BIOSIS
89.	Molluscicidal evaluation of common medicinal plants in pond	Saroj Chauhan and Ajay Singh	Argaunata	2010	2037-8998	https://www.mimalakos.com/publications/argonauta/	https://www.mimalakos.com/publications/argonauta/	Web of Science
90.	Molluscicidal activity of different solvent leaf and bark extracts of <i>Euphorbia hirta</i> plant against the freshwater vector snails	Sunil Kumar Singh and Ajay Singh	Argaunata	2010	2037-8998	https://www.mimalakos.com/publications/argonauta/	https://www.mimalakos.com/publications/argonauta/	Web of Science
92.	Efficacy of <i>Euphorbia hirta</i> latex as plant derived molluscicides against freshwater snails	Ram P. Yadav and Ajay Singh	Revista Do Instituto De Medicina Tropical De Sao Paulo	2011	0036-4665	https://www.scielo.br/j/rimtsp/	https://doi.org/10.1590/S0036-46652011000200008	Scopus
93	Eco-friendly management of <i>Lymnaea acuminata</i> , snail Vector of fascioliasis in livestock in Eastern Uttar Pradesh	Saroj Chauhan, Jaya Shahi and Ajay Singh	Global Veterinaria	2011	1992-6197	https://www.idosi.org/gv/gv7(1)11.htm	https://www.idosi.org/gv/gv7(1)11.htm	Web of science
94.	Impact of taraxerol in combination with extract of <i>Euphorbia tirucalli</i> plant on biological parameters of <i>Lymnaea acuminata</i>	Saroj Chauhan and Ajay Singh	Revista Do Instituto De Medicina Tropical De Sao Paulo	2011	0036-4665	https://www.scielo.br/j/rimtsp/	https://www.scielo.br/j/rimtsp/	Scopus
95.	Effect of bioactive compounds extracted from euphorbious plants on haematological and biochemical parameters of fish <i>Channa punctatus</i>	Jaya Shahi and Ajay Singh	Revista Do Instituto De Medicina Tropical De Sao Paulo	2011	0036-4665	https://www.scielo.br/j/rimtsp/	https://www.scielo.br/j/rimtsp/	Scopus
96.	Molluscicidal and ovicidal activity of euphorginol against two harmful freshwater gastropods	Saroj Chauhan and Ajay Singh	Indian Journal of Natural Products and Resources	2011	0976-0512	http://nopr.niscair.res.in/bitstream/123456789/13344/1/IJNPR%20(4)%20452-457.pdf	http://nopr.niscair.res.in/bitstream/123456789/13344/1/IJ	Web of science

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97.	Impacts of cypermethrin on Fingerlings of common edible carp <i>Labeo rohita</i>	Sudhansu Tiwari, Rachana Tiwari and Ajay Singh	The scientific World Journal	2012	2356-6140	https://www.hindawi.com/journals/tswj/2012/291395/	https://www.hindawi.com/journals/tswj/2012/291395/	Scopus
98.	A comparative study of toxic effect of a <i>Euphorbia</i> 's plant <i>Euphorbia tirucalli</i> against two freshwater harmful snails in laboratory as well as in pond and its effect on their reproductive physiology	Saroj Chauhan and Ajay Singh	World Journal of Zoology	2012	1817-3098	https://www.indosci.org/wjz/zoology.htm	https://www.indosci.org/wjz/zoology.htm	Thomson
99.	Acute toxic effect of medicinal plant <i>Jatropha gossypifolia</i> on non-target fish and mice	Paratibha Singh and Ajay Singh	Wudpecker Journal of Agricultural research	2012	2315-7259	https://silo.tips/download/acute-toxic-effects-of-medicinal-plant-jatropha-gossypifolia-on-non-target-fish	https://silo.tips/download/acute-toxic-effects-of-medicinal-plant-jatropha-gossypifolia-on-non-target-fish	Web of science
100.	Evaluation of latex extract of <i>Euphorbia royleana</i> for its Piscicidal and Muricidal activities	Paratibha Singh and Ajay Singh	World Journal of Agricultural Sciences	2012	1817-3047	http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.415.2553&rep=rep1&type=pdf	http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.415.2553&rep=rep1&type=pdf	Web of science
101.	Toxicological and Biochemical alterations of apigenin extracted from seed of <i>Thevetia peruviana</i> , a medicinal plant	Sunil K. Singh, Shailendra K. Singh and Ajay Singh	Journal of Biology and Earth Sciences	2013	2084-3577	https://www.researchgate.net/journal/Malaysian-Applied-Biology-0126-8643	https://www.researchgate.net/journal/Malaysian-Applied-Biology-0126-8643	Web of science
102.	Toxic effect of alcoholic leaf extracts of <i>Lantana indica</i> plant: Effect on haematological and physiological parameters in non-target fish <i>Heteropneustes fossilis</i>	Ram P. Yadav, Kiran Lata and Ajay Singh	International Journal of Fisheries and Aquatic Sciences	2013	2049-8411	https://maxwellsci.com/print/ijfas/v2-13-17.pdf	https://maxwellsci.com/print/ijfas/v2-13-17.pdf	CAS
103.	A seasonal variations of plankton population of	Pallavi Shukla, Preeti and Ajay Singh	World Journal of Zoology	2013	1817-3098	https://www.indosci.org/wjz/zoology.htm	https://www.indosci.org/wjz/zoology.htm	Web of science

	Maheshara Lake in Gorakhpur, India						g/wjz/zology.htm	
104.	Comparative study on the hematological effect of synthetic pesticides and plant origin pesticides, to fish <i>Channa punctatus</i>	Jaya Shahi, Saroj Chauhan and Ajay Singh	Indian Journal of Natural Products and Resources	2013	0976-0512	http://nopr.niscair.res.in/handle/123456789/17410	http://nopr.niscair.res.in/handle/123456789/17410	Web of science
105.	Study of in vivo effects caused by metabolites (1,2,4-triazole alanine) of steroid-inhibitor fungicide on aquatic life (fish)	Pallavi Srivastava and Ajay Singh	Journal of Aquaculture Research and Development	2013	2155-9546	https://www.walshmedicalmedia.com/	https://www.walshmedicalmedia.com/	Web of science
106.	Toxic effect of two common Euphorbiales against freshwater target snail <i>Lymnaea acuminata</i> and <i>Indoplanorbis exustus</i> in ponds	Ram P. Yadav and Ajay Singh	New York Science Journal	2013	1554-0200	http://www.sciencepub.net/newyork/	http://www.sciencepub.net/newyork/ny0606/003_18081ny0606_18_22.pdf	Web of Science
107.	Distribution and Diversity of Freshwater Fishes in Aami River, Gorakhpur, India	Pallavi Shukla and Ajay Singh	Advances in Biological Research	2013	1992-0067	https://www.idosi.org/abr/7(2)13/1.pdf	https://www.idosi.org/abr/7(2)13/1.pdf	Web of science
108.	Piscicidal and Anti AChE Activity of Medicinal Plant <i>Jatropha gossypifolia</i> (Family-Euphorbiaceae)	Bhunesh Pratap and Ajay Singh	World Journal of Fish and Marine Sciences	2013	2078-4589	https://www.idosi.org/wjfm/wjfm5(4)13/3.pdf	https://www.idosi.org/wjfm/wjfm5(4)13/3.pdf	Web of science
109.	Toxic effect of selected plant pesticides against fresh water snail <i>Lymnaea acuminata</i>	Ram P. Yadav and Ajay Singh	International journal of traditional and natural medicines	2013	2167-1141	http://www.modernscientificpress.com/journals/ijtnm.aspx	http://www.modernscientificpress.com/journals/ViewArticle.aspx?+Mc3krJiu0rRKsgS85dvRb3/16Nhe191IPt/oOfr44/pdfrO2pkJ+KuY3m/Z5e3cQilKz+E2ooqbKxmWIX8aw==	Chemical Abstracts Service (CAS)
110.	In vivo study of effect of Dithiocarbamates fungicide (Mancozeb) and its metabolite ethylenethiourea (ETU) on fresh water fish <i>Clarius batracus</i>	Pallavi Srivastava and Ajay Singh	Journal of Biology and Earth Science	2013	2084-3577	https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.1010.1062&rep=rep1&type=pdf	https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.1010.1062&rep=rep1&type=pdf	Web of science
111.	Toxic effect of pulp and paper mill effluents on physiological parameters of fresh water fish and physico-chemical parameters of river Aami, Gorakhpur, Uttar Pradesh, India	Zubi Afroj and Ajay Singh	Journal of Toxicology and Health Photon	2013	2294-7439	https://www.semanticscholar.org/paper/Toxic-effect-of-pulp-and-paper-mill-effluent-on-Afroz-Singh/9f04da5c6f6e00d220	https://www.semanticscholar.org/paper/Toxic-effect-of-pulp-and-	Web of science

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112.	in vivo effect of Apienin isolated from <i>Jatropha gossypifolia</i> plant on biochemical profile of fish	Bhunesh Pratap and Ajay Singh	Global Journal of Pharmacology	2013	1992-0075	https://idosi.org/gjp/7(2)13/11.pdf	https://idosi.org/gjp/7(2)13/11.pdf	Web of science
113.	Rutin extracted from euphorbious plant used as potent piscicides for controlling predatory fish <i>Heteropneustes fossilis</i>	Bhunesh Pratap and Ajay Singh	Journal of Ecology, Photon	2013	6553-3275	https://sites.google.com/site/photofoundation/home/the-journal-of-ecology	https://sites.google.com/site/photofoundation/home/the-journal-of-ecology	Web of science
114.	Trizole: a new fungicidal group induced chromosomal aberrations in Asian catfish (<i>Clarius batracus</i>)	Pallavi Srivastava and Ajay Singh	Journal of Biology and Earth Science	2013	2084-3577	https://www.researchgate.net/publication/311387843_Pesticides_toxicity_in_fishes_Biochemical_physiological_and_genotoxic_aspects	https://www.researchgate.net/publication/311387843_Pesticides_toxicity_in_fishes_Biochemical_physiological_and_genotoxic_aspects	Web of science
115.	Induction of chromosomal aberrations by carbamate fungicide in fish <i>Clarius batracus</i> (Asian catfish)	Pallavi Srivastava and Ajay Singh	Scholarly Journal of Agricultural Science	2013	2276-7118	https://scholarly-journals.com/sjas/archive/2013/Nov/pdf/Singh%20and%20Srivastava.pdf	https://scholarly-journals.com/sjas/archive/2013/Nov/pdf/Singh%20and%20Srivastava.pdf	Web of science
116.	Study on some neural and behavioral changes induced by carbamate (Mancozeb) fungicide on fresh water fish <i>Clarius batracus</i>	Pallavi Srivastava and Ajay Singh	World Journal of Zoology	2013	1817-3098	https://www.idosi.org/wjz/zooology.htm	https://www.idosi.org/wjz/zooology.htm	Thomson
117.	Effects of Bleached Kraft pulp and paper mill effluents (BKME) on the biochemical and hematological parameters of fish <i>Channa punctatus</i>	Jaya Shahi, Saroj Chauhan and Ajay Singh	World Journal of Fish and Marine Sciences	2013	2078-4589	http://www.idosi.org/wjfm/wjfm5(5)13/17.pdf	http://www.idosi.org/wjfm/wjfm5(5)13/17.pdf	cas

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118.	Ecofriendly piscicides from combination with plant origin and synthetic pesticides	Chandrashekhar Kushwaha and Ajay Singh	The Journal of Ecology Photon	2013	6853-3275	https://sites.google.com/site/phonjournalpeer/home/the-journal-of-ecology	https://sites.google.com/site/phonjournalpeer/home/the-journal-of-ecology	Web of science
119.	Behavioral changes by inhibition of Acetylcholinesterase induced by Trizole (Propicanazole) fungicide on fresh water fish <i>Clarius batracus</i>	Pallavi Srivastava and Ajay Singh	World Journal of Fish and Marine Sciences	2014	2078-4589	https://www.idosi.org/wjfm/wjfm6(1)14/10.pdf	https://www.idosi.org/wjfm/wjfm6(1)14/10.pdf	Web of science
120.	Toxicity of plant origin compounds on fish <i>Clarias batracus</i>	Jaya Shahi and Ajay Singh	The Journal of Toxicology and Health, Photon	2014	2294-7439	https://sites.google.com/site/phonfoundationorganization/home/the-journal-of-toxicology-and-health	https://sites.google.com/site/phonfoundationorganization/home/the-journal-of-toxicology-and-health	Web of science
121.	Mutagenic and genotoxic evaluation of medicinal plant <i>Euphorbia royleana</i> latex to fresh water fish <i>Channa punctatus</i> (Bloch)	Paratibha Singh and Ajay Singh	International Journal of Pharma and Biological Sciences	2014	0975-6299	https://www.abdirect.org/globalhealth/abstract/20143165979	https://www.abdirect.org/globalhealth/abstract/20143165979	Web of science
122.	Statistical analysis of hydrological properties and genetic toxicity of Maheshara Lake	Pallavi Srivastava and Ajay Singh	Journal of Ecology and Natural Environment	2014	2006-9847	https://academicjournals.org/journal/JENE/article-abstract/67B5E0B45244	https://academicjournals.org/journal/JENE/article-abstract/67B5E0B45244	Web of science
123.	Ecofriendly management of harmful snail population using <i>Alstonia scholaris</i>	Saroj Chauhan and Ajay Singh	Journal of Biology and Earth Science	2014	2084-3577	https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.918.1677&rep=rep1&type=pdf	https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.918.1677&rep=rep1&type=pdf	Web of science
124.	Impact of Pulp and Paper mill effluent on water quality of river Aami and its effect on aquatic life (fish)	Zubi Afroj and Ajay Singh	Global Journal of Pharmacology	2014	1992-0075	http://idosi.org/gjp/8(2)14/3.pdf	http://idosi.org/gjp/8(2)14/3.pdf	Web of science
125.	Toxicity due to change in biochemical profile of fish <i>Cyprinus carpio</i> by using	Bhunesh Pratap and Ajay Singh	Scholarly Journal of Agricultural Science	2014	2276-7118	http://scholarly-journals.com/	http://scholarly-journals.com/	Web of science

	herbal compound Apigenin obtained from euphorbious plant <i>Jatropha gossypifolia</i>					sjas/archive/2014/April/pdf/Pratap%20and%20Singh.pdf	journal s.com/sjas/archive/2014/April/Pratap%20and%20Singh.pdf	
126.	Effects of single, binary and tertiary combinations with <i>Jatropha gossypifolia</i> and other plant derived molluscicides on reproduction and survival of the snail <i>Lymnaea acuminata</i>	Ram P. Yadav and Ajay Singh	Revista Do Instituto De Medicina Tropical De Sao Paulo	2014	0036-4665	https://www.scielo.br/j/rimt/sp/	https://doi.org/10.1590/S0036-466520140005140009	Scopus
127.	Evaluation of genotoxicity induced by medicinal plant <i>Jatropha gossypifolia</i> in fresh water fish <i>Channa punctatus</i> (Bloch)	Paratibha Singh, Anurag Dabas, Rashmi Srivastava, N.S. Nagpure and Ajay Singh	Turkish Journal of Fisheries and Aquatic Sciences	2014	1303-2712	https://www.trjfas.org/uploads/pdf_81.pdf	https://www.trjfas.org/uploads/pdf_81.pdf	scopus
128.	Potential effects of agricultural fungicide (Mancozeb) on fish <i>Clarias batrachus</i>	Pallavi Srivastava and Ajay Singh	Research Journal of Biological Sciences	2014	1815-8846	https://medwelljournals.com/abstract/?doi=rjbsci.2014.129.134	https://medwelljournals.com/abstract/?doi=rjbsci.2014.129.134	Web of science
129.	Toxic effect of <i>Euphorbia hirta</i> plant to fingerlings of <i>Labeo rohita</i> (Hamilton) in different culturing conditions	S.K. Singh, A. Johnson and Ajay Singh	Scientific Journal of Veterinary Advances 3	2014	2322-1879	https://doi.org/10.14196/SJVA.V3I7.1494	https://doi.org/10.14196/SJVA.V3I7.1494	Thomson
130.	Comparison between the toxicity of plant origin and synthetic pesticide against fresh water fish <i>Cirrhinus mrigala</i>	Bhunesh Pratap and Ajay Singh	Journal of Biology and Earth Science	2015	2084-3577	file:///C:/Users/R%20P%20Yadav/Downloads/33-12-PB.pdf	file:///C:/Users/R%20P%20Yadav/Downloads/33-12-PB.pdf	Web of science
131.	Evidence of micronuclei in fish blood as a biomarker of genotoxicity due to surface run off agricultural fungicide (Propiconazole)	Pallavi Srivastava and Ajay Singh	Journal of Toxicology and Environmental Health Sciences	2015	2006-9847	https://academicjournals.org/journal/JTEH/article-abstract/845D77C50247	https://academicjournals.org/journal/JTEH/article-abstract/845D77C50247	Web of science
132.	Molluscicidal effect of medicinal plant <i>Euphorbia tirucalli</i> on the harmful snails in experimental ponds	Saroj Chauhan and Ajay Singh	World Journal of Zoology	2015	1817-3098	https://www.indosci.org/wjz/zoology.htm	https://www.indosci.org/wjz/zoology.htm	Web of science
132.	Toxicity of two common euphorbiales: effect on metabolism and enzyme system of freshwater snail <i>Lymnaea acuminata</i>	Ram P. Yadav and Ajay Singh	International journal of Traditional and natural medicine	2016	2167-1141	http://www.modernscientificpress.com/journals/ijtnm.aspx	http://www.modernscientificpress.com/Journals/ViewArticle.aspx?+Mc3krJiU0rRKsgS85dvRYBJARJJBTTWN5qKUNI2vr	Chemical Abstracts Service (CAS)

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134.	Toxicological investigation and anti-reproductive effect of phyto-molluscicide against harmful aquatic snail	Saroj Chauhan and Ajay Singh	European Journal of Biological research	2016	1128-3602	file:///C:/Users/R%20P%20Yadav/Downloads/EJBR2016v6i4art260-266.pdf	file:///C:/Users/R%20P%20Yadav/Downloads/EJBR2016v6i4art260-266.pdf	Web of science
137.	Hematological profiles of commercially important wild fishes inhabiting polluted water of Maheshara Lake, Gorahpur (India)	Pallavi Srivastava, Ajay Singh and A. K. Pandey	J. Exp. Zool. India	2017	0972-0030	https://www.abdirect.org/cabdirect/abstract/20173136150	https://www.abdirect.org/cabdirect/abstract/20173136150	Web of science
138.	Studies on Physico-chemical Properties of Chhapkaiya pond Birganj, Nepal	Lal Babu Prasad Yadav and Ajay Singh	Research J. Science and Tech.	2017	0975-4393	https://issu.com/leenabhardwaj/docs/ijlsr-1243-10-2015	https://issu.com/leenabhardwaj/docs/ijlsr-1243-10-2015	CAS
139.	Toxic effect of biologically active compound Rutin extracted from Euphorbia plant <i>Codiaeum variegatum</i> against mosquito <i>Culex quinquefasciatus</i> (Diptera: Culicidae) larvae	Abhay Deep Johnson and Ajay Singh	Research J. Science and Tech.	2017	0975-4393	https://www.indianjournals.com/ijor.aspx?target=ijor:rjst&volume=9&issue=3&article=001	https://www.indianjournals.com/ijor.aspx?target=ijor:rjst&volume=9&issue=3&article=001	CAS
142.	Genotoxic effect of effluents discharged in Ramgarh Lake on freshwater fish <i>Channa punctatus</i>	Kumari Mamta and Ajay Singh	Research Journal of Science and Technology	2017	0975-4393	https://rjstonline.com/AbstractView.aspx?PID=2017-9-4-30	https://rjstonline.com/AbstractView.aspx?PID=2017-9-4-30	Thomson
143.	Toxic effects of <i>Nerium indicum</i> Latex powder on biochemical profile of fishes	Kamlesh Kumar and Ajay Singh	Research Journal of Science and Technology		0975-4393	https://rjstonline.com/AbstractView.aspx?PID=2017-9-3-4	https://rjstonline.com/AbstractView.aspx?PID=2017-9-3-4	CAS
144.	Studies on chromosomal abnormalities induced in freshwater fish <i>Channa punctatus</i> by pollutants present in water samples of Ramgarh lake	Kumari Mamta and Ajay Singh	International Journal of Agriculture and Veterinary sciences	2018	2277-209X	https://rjstonline.com/HTMLPaper.aspx?Journal=Research%20Journal%20of%20Science%20and%20Technology;PID=2017-9-4-30	https://rjstonline.com/HTMLPaper.aspx?Journal=Research%20Journal%20of%20Science	Web of science

							%20and%20Technology;PID=2017-9-4-30	
145.	Toxic effects of Malathion pesticides against freshwater teleost fish <i>Colisa fasciatus</i> at different season	Ram P. Yadav and Ajay Singh	World Journal of Pharmacy and Pharmaceutical Sciences	2019	2278-4357	https://www.wjpps.com/	https://www.wjpps.com/Wjpps_controller/abstract_id/11716	Scopus
146	Effects of extracted plant extracts against freshwater snail <i>Lymnaea acuminata</i> body tissues.	Ram P. Yadav and Ajay Singh	European Journal of Biomedical and Pharmaceutical Sciences	2020	2349-8870	https://www.ejbps.com/	https://www.ejbps.com/ejbps/abstract_id/6709	Copernicus, CAS
147	Pharmacology and Biological properties of <i>Euphorbia hirta</i> Linn: A Review	Reshmina Firoz Khan,Ram P. Yadav and Ajay Singh	European Journal of Biomedical and Pharmaceutical Sciences	2020	2349-8870	http://www.ejbps.com	https://www.ejbps.com/ejbps/abstract_id/7387	Copernicus, CAS
148	The global impacts of Covid-19 pandemic in current era	Reshmina Firoz Khan,Ram P. Yadav and Ajay Singh	World Journal of Advance Health Care Research	2020	2457-0400	https://www.wjahr.com/	https://www.wjahr.com/home/article_abstract/577	Web of Science
149	Screening of pharmacological and biological properties of a euphorbious plant, <i>Euphorbia pulcherima</i> : A review	Reshmina Firoz Khan,Ram P. Yadav and Ajay Singh	International Journal of Pharmacognosy and Pharmaceutical Sciences	2021	2706-7017	http://www.pharmacognosyjournal.net/	https://www.pharmacognosyjournal.net/article/view/293-2-13	Copernicus
150	Study of plankton diversity status of local habitat in eastern Uttar Pradesh	Ankita Sahu, Ram P. Yadav and Ajay Singh	Annals of Limnology and Oceanography	2021	2641-3078	https://www.peertechzpublications.com/index.php/journals/annals-of-limnology-and-oceanography	https://www.peertechzpublications.com/abstracts/study-of-plankton-diversity-status-of-local-habitat-in-eastern-uttar-pradesh	PORTICO
151	A database of anti-diabetic and anti-cancer plant species from the family euphorbiaceae	Reshmina Firoz Khan,Ram P. Yadav and Ajay Singh	New York Science Journal	2021	1554-0200	http://www.sciencepub.net/newyork/	doi:10.7537/marsnys141221.05	Web of Science

15. Books and Chapters in edited volumes/books published:

S No.	Title of the book	Title of the chapter	National / international	Year of publication	ISBN number	Affiliating Institute at the time of publication	Name of the publisher
Books Published							
1.	Bio-pesticides used as Snail Control: Molluscicides of Plant Origin	-----	International	2012	978-3-8383-4804-9	DDU Gorakhpur University Gorakhpur	Lambert Academic Publishing Germany
2.	Ecofriendly Control of Disease Causing Snails	-----	International	2012	978-3-659-24229-8	DDU Gorakhpur University Gorakhpur	Lambert Academic Publishing Germany
3.	Snail as bio-indicator of aquatic pollution by pesticides	-----	International	2013	978-3-659-35223-2	DDU Gorakhpur University Gorakhpur	Lambert Academic Publishing Germany
4.	Fate of Fungicides on fish <i>Clarius batrachus</i> : A Complete Study	-----	International	2014	978-3659-548789	DDU Gorakhpur University Gorakhpur	Lambert Academic Publishing Germany
Chapter in Book							
1.	Bioactive Natural Products	Euphorbious plants used as molluscicides and piscicides	International	2010	1-933699-52-3	DDU Gorakhpur University Gorakhpur	Bioactive Natural Products Studium Press LLC, USA
2.	Trends in Agriculture Soil Pollution Research	Eco-friendly Molluscicides, Piscicides and Insecticides from common plants	International	2005	1-59454-325-9	DDU Gorakhpur University Gorakhpur	Nova Science Publisher USA
3.	Frontiers in Environmental Research	Botanicals as pesticides and their future perspectives in India	International	2006	60021-016-3	DDU Gorakhpur University Gorakhpur	Nova Science Publisher USA
4.	Utilization and Management of Medicinal Plants	Evaluation and studies of Medicinal Euphorbious plants <i>Croton tiglium</i>	National	2015	978-93-5124-705-0	DDU Gorakhpur University Gorakhpur	Daya publishing House, Astral International Private Ltd New Delhi

5.	Encyclopedia of Biological Invasions	Pesticides (Fish and Mollusc)	International	2011	9780520264212	DDU Gorakhpur University Gorakhpur	University of California Press USA
6.	Life history traits of freshwater fish population for its utilization in conservation	Pesticides of plant origin: Threat to Fish Biodiversity	National	2002		NBFGR	NBFGR-NATP Publication
7.	Biological Control of Insect pests	Toxicity of Apigenine (Flavonoid) extracted from latex of <i>Jatropha gossypifolia</i> against the larvae of mosquito, <i>Culex quinquefasciatus</i>	National	2003		DDU Gorakhpur University Gorakhpur	Phoenix Publishing House Pvt. Ltd, New Delhi
8.	Natural Product: Research Reviews	A detailed review on <i>Euphorbia tirucalli</i> : A plant of family Euphorbiaceae	National	2014		DDU Gorakhpur University Gorakhpur	Daya Publishing House, New Delhi
9.	Medicinal Plants: Phytochemistry, Pharmacology and Therapeutics	Review on Phytochemistry and Pharmacological aspects of <i>Jatropha gossypifolia</i> Linn	National	2014		DDU Gorakhpur University Gorakhpur	Daya Publishing House, New Delhi
10.	Natural Product: Research Reviews	Review on the natural aspects of medicinal plant <i>Codiaeum variegatum</i> (Family: Euphorbiaceae)	National	2016		DDU Gorakhpur University Gorakhpur	Daya Publishing House, New Delhi

16. Papers in National/International Conference-Proceedings:

S No.	Title of the proceedings of the conference	Name of the conference	National / international	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication
1.	Proceeding of National Seminar of Frontiers of Researchers on Medicinal and Aromatic Plants	National Seminar of Frontiers of Researchers on Medicinal and Aromatic Plants	National	2000	0974-7877	DDU Gorakhpur University Gorakhpur
2.	Proceeding of First National Interactive Meet on Medicinal and Aromatic Plants	National Interactive Meet, Scope and Opportunities in Research and Business of Medicinal and Aromatic Plants NIM-2002	National	2002	0250-4367	DDU Gorakhpur University Gorakhpur
3.	Proceeding of National Symposia on Biochemical Sciences: Health and Environmental Aspects	National Symposia on Biochemical Sciences: Health and Environmental Aspects	National	2003		DDU Gorakhpur University Gorakhpur
4.	Proceeding of National Symposia on Biochemical Sciences: Health and Environmental Aspects	National Symposia on Biochemical Sciences: Health and Environmental Aspects	National	2003		DDU Gorakhpur University Gorakhpur
5.	Proc. of the Functional Biodiversity and Ecophysiology of animals	Functional Biodiversity and Ecophysiology of animals	National	2009		DDU Gorakhpur University Gorakhpur

6.	Proceeding of the Functional Biodiversity and Ecophysiology of animals	Functional Biodiversity and Ecophysiology of animals	National	2009		DDU Gorakhpur University Gorakhpur
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17. Professional development Programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes :

S. No.	Year	Title of the professional development Programme	Date and Duration (from – to)
1.	2004	4 th Refresher Course in Zoology on “Modern Trends in Zoology”	11.3.2004 - 31.3.2004.
2.	2006	5 th Refresher Course in Zoology on “Environmental Sciences”	8.11. 2006 - 28.11.2006.
3.	2008	6 th Refresher Course in Zoology on “Advancement in Zoology and Environmental Sciences”	7.11. 2008 - 27.11.2008
4.	2009	1 st Refresher Course in Defence Studies on “Major Concern in Social Sciences”	21.3. 2009 - 10.4.2009
5.	2010	1 st Refresher Course in Academic Staff College on “Environmental Studies”	31.12. 2009 - 20.1.2010
6.	2012	7 th Refresher Course in Zoology on “Advancement in Zoology and Environmental Sciences”	7.11. 2012 - 27.11.2012
7.	2013	2 nd Refresher Course in Botany on “Life Science”	7.1.2013 - 27.1.2013
8.	2013	92 nd Orientation Programme in Academic Staff College for newly appointed teachers of university and college	1.6.2013 – 28.6.2013
9.	2013	93 rd Orientation Programme in Academic Staff College for newly appointed teachers of university and college	4.9.2013 – 1.10.2013
10.	2013	1 st Short Term Course in Physics Department on “Research Guidance ,Quality Research and its Metrics”	24.9. 2013-30.9.2013.
11.	2013	94 th Orientation Programme in Academic Staff College for newly appointed teachers of university and college	23.11.2013 – 20.12.2013

12.	2013	1 st Short Term Course in Zoology Department on “Water”	17.12. 2013-23.12.2013
13.	2013	95 th Orientation Programme in Academic Staff College for newly appointed teachers of university and college	18.1.2013 – 14.2.2013
14.	2014	96 th Orientation Programme in Academic Staff College for newly appointed teachers of university and college	24.5.2014 – 20.6.2014
15.	2014	97 th Orientation Programme in Academic Staff College for newly appointed teachers of university and college	22.8.2014 – 18.9.2014
16.	2014	2 nd Refresher Course in Botany on “Life Sciences in relation to Human Welfare”	6.9. 2014-26.9. 2014

18. Research projects sponsored by government agencies :

S. No.	Name of the principal Investigator	Duration of the project	Title of the Research Project	Amount/Fund received	Name of funding agency	Year of sanction	Status (Completed/Ongoing)
1.	Prof. Ajay Singh	3 Years	Studies on synergism with molluscicidal plant product against harmful snails.	Rs. 827,500	DBT New Delhi	1997	Completed
2.	Prof. Ajay Singh	3 Years	Studies on snails as indicator of Environmental pollution with pesticides	Rs. 275,000	CST, Uttar Pradesh	1999	Completed
3.	Prof. Ajay Singh	3 Years	Studies on molluscicidal activity of some common plants of family Euphorbiaceae and their environmental impact on freshwater non-target animals	Rs. 10,72,360	Department of Environment, Ministry of Environment and Forest Govt. Of India, New Delhi	2000	Completed
4.	Prof. Ajay Singh	3 Years	Studies on toxicological and biochemical effects of plant origin pesticides on freshwater non-target organism	Rs. 737,610	Indian Council of Agricultural Research, Ministry of Agriculture, Govt. Of India, New Delhi	2001	Completed
5.	Prof. Ajay Singh	3 Years	Studies on isolation, purification and identification of active compounds from common medicinal plants and their role in	Rs.596,000	University Grants Commission, New Delhi	2003	Completed

			integrated vector management (IVM) programme				
6.	Prof. Ajay Singh	3 Years	Effect of bio-toxins on growth and development of freshwater paddy fish <i>Channa punctatus</i>	Rs.515,400	Council of Scientific and Industrial Research, New Delhi	2003	Completed
7.	Prof. Ajay Singh	3 Years	Studies on the toxic effect of bioactive compounds extracted from Euphorbious plant on the non-target organism	Rs.631,800	University Grants Commission, New Delhi	2008	Completed
8.	Prof. Ajay Singh	3 Years	Studies on herbal formulations based on common medicinal plants used against Vector snails in Tarai region of Eastern Uttar Pradesh	Rs.539,000	Indian Council of Medical Research, New Delhi	2009	Completed
9.	Prof. Ajay Singh	3 Years	Genotoxicity and metabolic anomalies induced by pulp and paper mill effluents in fresh water fishes	Rs. 530,000	Council of Science and Technology, Govt. Of U. P.	2010	Completed
10.	Prof. Ajay Singh	3 Years	Genotoxicity and metabolic anomalies induced by water pollutants in fresh water fishes	Rs.1349,800	University Grants Commission, New Delhi	2013	Completed

19. Research projects sponsored by non-government sources such as industry, corporate houses, international bodies:

S. No.	Name of the principal Investigator	Name of the Research Project	Name of funding agency	Amount/Fund provided	Year of sanction	Duration of the project	Status (Completed/Ongoing)
N.A.							

20. Patents filed/granted:

S. No.	Name of the patent filed/granted	Patent Number	Year of filing/award/ publish of patent
N.A.			

21. Collaborative activities with other institutions/ research establishments/industry for research and academic development:

Title of the collaborative activity	Name of the collaborating agency with contact details	Year of collaboration	Duration	Nature of the activity
N.A.				

22. Functional MoUs with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research:

Name of the Organisation/ Institution/ Industry with whom MoU is signed	Year of signing MoU	Duration of MoU	Actual activities under each MOU year wise
N.A.			

23. E-content is developed

i. For e-PG-Pathshala, ii. For CEC (Under Graduate), iii. For SWAYAM, iv. For other MOOCs platform, v. For NPTEL/NMEICT/any other Government Initiatives

Name of the module developed	Platform on which module is developed	Date of launching e content	Link to the relevant document and facility available in the institution	List of the e-content development facility available	Provide link to videos of the media centre and recording facility
Aquaculture in India	Uttar Pradesh Higher Education Digital Library	June 24, 2021	_____	_____	https://www.youtube.com/watch?v=LGdyRgv_PPg
Food Fishes of India	Uttar Pradesh Higher Education Digital Library	June 24, 2021	_____	_____	https://www.youtube.com/watch?v=ibVkCrWoOLM

24. Consultancy and corporate training-

Consultancy

Name of consultancy project	Consulting/Sponsoring agency with contact details	Year	Revenue generated (amount in rupees)
N.A.			

Corporate training

Title of the corporate training program	Agency seeking training with contact details	Year	Revenue generated (amount in rupees)	Number of trainees
N.A.				

25. Google Scholar Citation –

