

Curriculum Vitae

Prof. (Dr.) Vinay Kumar Singh

Professor

Department of Zoology,
Deen Dayal Upadhyaya Gorakhpur University
Gorakhpur- 273 009, UP, India



Honorary Librarian

Deen Dayal Upadhyaya Gorakhpur University
Gorakhpur- 273 009, UP, India

Director

Self-Financing Courses
Deen Dayal Upadhyaya Gorakhpur University

Coordinator

Affiliated Colleges
Deen Dayal Upadhyaya Gorakhpur University

Chief

Employment Information and Advisory Centre
Deen Dayal Upadhyaya Gorakhpur University

Convener

**Rovers & Rangers &
C M of UP Shikshuta Protsahan Yojana**
Deen Dayal Upadhyaya Gorakhpur University

In-charge

Electronic Data Processing Cell (EDP)
Deen Dayal Upadhyaya Gorakhpur University

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Residence:

M/1 KM Munshi Colony, Pant Park, Near University Guest House, DDU Gorakhpur
University Gorakhpur-273 009 UP, India

Vision & Mission

My vision- premises on a need to develop and provide an overarching framework for more detailed plans based on current imperatives and prospective planning, it will reshape thinking in education and research of the University as well as Nation.

Academic Social Sites Link:

- LiveDNA of Dr. Vinay Kumar Singh: www.livedna.net/biographicalsketch.php?dna=91.473
- Google Scholar Citation: <https://scholar.google.com/citation?user=p7qS00oAAAJ&hl=en>
- ORCID-0000-0002-6449-149x
- LinkedIn
- Web of Science ResearcherID: W-9843-2019
- ResearchGate

Basic Information:

Name	Dr. Vinay Kumar Singh, M.Sc., Ph. D.
Designation	Professor (Full)
Father's Name	Late Shri Uday Bhan Singh
Mother' Name	Smt Sushila Singh
Date of Birth	15.07.1969
Grade Pay- 7CPC (Level 14)	Rs. 10,000
Basic Pay	Rs. 1,53, 000/pm
Research Experience	27 years+
Teaching Experience	24 years+

Born on 15 July, 1969 in Vill & Post- Jurampur, District Azamgarh, Uttar Pradesh, initially educated in village schools and graduated from MG PG College & Post Graduate from St. Andrew's College under the Gorakhpur University. Obtained a Ph.D. in Zoology of Gorakhpur University and started a carrier as University teacher and since 2018 recruited as Professor of Zoology and continuing the same with different additional responsibilities time to time.

Academic:

- Ph.D. : 1996; Title of the thesis:
"Studies on molluscicidal properties of *Allium sativum* (garlic) against harmful snails".
- M. Sc. : 1991; 1st division (Entomology)

Current Research

- Isolation, characterization, and biological evaluation of natural products.
- Molluscan physiology, Bio-chemistry, Snail control & Vector-borne Diseases.

Land Mark Contribution

Research Team-Reported First time Nucleotide Sequencing of *Fasciola gigantica* and their larva cercaria. It is trematode parasite causing Fasciolosis in cattle population as well as human being.

- A GenBank accession number KT149356 and KT149357 were allotted (online) for cercaria larva and *F. gigantica*, respectively. Source-www.ncbi.nlm.nih.gov/KT149357.1 and/[KT149357.2](http://www.ncbi.nlm.nih.gov/KT149357.2).

YouTube (<https://www.youtube.com/channel/UCjr6UFTkrszUJOnQy7ao0uw>)

- Superstar Garlic: A nature's boon to mankind.
- Cow Urine Pesticide/Molluscicide (<https://www.oneindia.com/2008/02/08/video-cow-urine-made-pesticide-gorakhpur.html>)
- Covid-19: Remedy & Precaution.
- Endangered wild animals.

Broadcasting Radio

- Endangered species: broadcasting on 8.4.2012 at 5.35pm 999.9 khz.
- Wildlife and their conservation: broadcasting on 14.7.2012 at 5.35pm 999.9 khz.
- Environmental Protection by Wildlife animals on 30.11.2012 at 5.35pm 999.9 khz.
- How protect endangered species? On 14.3.2013 at 5.35pm 999.9khz.

Administrative experience:

- **Former-Member of University Court (JNU) for a period of three years (02.03.2016 to 01.03.2019) in terms of statute 11(1)(xvii) of the statutes of the University, nominated by Hon'ble President of India.**
- Has been Assistant Proctor, DDU Gorakhpur University (Nov. 2006-April 2008; 24 Feb. 2009-30 June 2010 and 08.01.2011- 4.7.2011).
- Have been **Convener**, Rovers & Rangers (9.8.2017)
- Have been ADSW, DDU Gorakhpur University (July 2015 to till date) & Assistant Proctor (September, 2017 to July 2018).

Editor-In-Chief

- **Research J of Parasitology**, Academic Journals Inc. ScienceAlert.
- **Research & Reviews: A Journal of Toxicology (RRJoT)**, India.

Member as REGIONAL EDITOR/Associate Editor/Technical Editor/Editorial Board of International Journal

- International J of Zoological Research, USA
- Asian J of Biological Sciences, USA
- International journal of Epidemiology & Infection, USA
- Natural Environment, USA
- American J of Biochemistry & Molecular Biology, USA
- Research Journal of Food Science and Quality Control (RJFSQC), Nigeria
- Annals of Clinical Pharmacology & Toxicology, USA

Reviewer

- Pesticide, Biochemistry & Physiology, USA
- Research in Zoology, USA
- Frontiers in Science, USA
- European J of Biological Sciences (Formerly- J Biology and Earth Sciences). Poland.
- Research Journal of Food Science and Quality Control (RJFSQC), Nigeria
- Climate Change & Environmental Sustainability, India.

Professional activities

1. **Joint Organizing Secretary:** International Symposium on “**Harmony with nature in context of ecotechnological intervention and climate change**” Harmony-2013 (11-13 November, 2013) organized by Department of Zoology, Environmental Science & Biotechnology in collaboration with National Environmentalists Association, Ranchi.
2. **Organizing Secretary:** International Symposium on “**Frontiers of Natural Products Research & Human Health & 2nd Annual Meeting of ISLS**” (19 December, 2015) organized by Department of Zoology in collaboration with Indian Society for life science.
3. **Organizing Secretary-** National Symposium on “**Prachin Bharat Ke Vagyanik aur unke awadan**” organized by Dean, Student-Welfare, Mahayogi Guru Shree Goraksh Nath Shodh Peeth, DDU Gorakhpur University, Gorakhpur in collaboration with Uttar Pradesh Hindi Sansthan, Lucknow on January, 23-24, 2019.

Participation in professional activities

- Participated in a number of National/International/Symposia/Seminar/Workshops etc.

Ph. D. Supervised: 12

- **12** students awarded the Ph. D. Degree under my supervision.
- **Three** student completed Rajiv Gandhi National Fellowship (**RGNF**), JRF and SRF of the University Grants Commission (UGC), New Delhi under my supervision.
- **One** student is completed as Inspire Fellowship (**DST**) under my supervision.

Membership of Professional Bodies, Societies etc.

Life Member:

- Indian Science Congress Association (ISCA), Kolkata.
- National Environmentalist Association (NEA), Ranchi, Jharkhand.

Convener/ Coordinator/in-charge

1. **In-charge**, (13.7.2017-till date), Electronic Data Processing (EDP) Cell, DDU Gorakhpur University, Gorakhpur.
2. **In-charge**, (24.01.2017-till date) Environmental Science, Department of Zoology.
3. **Convener**, Rovers & Rangers (9.8.2017-till date), DDU Gorakhpur University, Gorakhpur.

Webinar Conference

1. **Participated Two Days International-** JNU Webinar on Covid-19 Pandemic Challenges and Recent Advancements, 25 & 26 April, 2020.
2. **Invited Lecture-** Abhinav Drishti: Pragma Pravah on Covid-19: Remedy & Precautions on 17 April, 2020.
3. **Participated Two Days National-** Webinar on Traditional Indian Food Habits, Life style and Immunity in reference to Covid-19 Pandemic organized by Home Science Department, DDU Gorakhpur University, 23 & 24 May, 2020.
4. **Coordinator- Two Days International Webinar** on pandemic era of Covid-19: Where we stand? Where we go? Department, DDU Gorakhpur University, 9 & 10 June, 2020.
5. **Invited Lecture-** Covid-19: Challenges and Opportunity on 12 June, 2020 jointly organized by the Department of Physical Education, BRD PG College Deoria and Bharat Scout Guide District Deoria, UP.
6. **Organizing Secretary-** National Webinar (e-Conference) on Nath-Panth in Gujarat: Historical, Spiritual and literary Perspectives (July, 20, 2020) organized by MahaYogi Shri GorakshNath Sodh Peeth, DDU Gorakhpur University, Gorakhpur.

Resource Person

- Refresher course/ orientation, UGC-HRDC, DDU Gorakhpur University, Gorakhpur.

Total PUBLICATIONS

- **TOTAL NUMBER OF PUBLICATION- 147**
(1 Editorial+ 8 Book+ 7 Chapter + 25 Review article + 01 Mini Review+ 105 Full papers+1 Short Communication)
- 147 Publications- 109 in Foreign Journal & 38 in Indian Journal
- **Cumulative Impact Factor- 90.433**

Google Scholar

- Total Citation- 1914
- *H*-index- 22
- *i10*-index- 50

ResearchGate

- Total Citation- 1363
- Index- 27.17
- Total Research Interests- 1019
- Recommendation-27
- Reads- 65188

Web of Science ResearcherID

W-9843-2019

- Publications- 18
- Total Times Cited- 154
- H-index- 7

ScopusID

W-9843-2019

- Total Citation- 512
- H-index- 14

LIST OF PUBLICATIONS

Editorial

1. **Vinay Kumar Singh (2016). Climate change, food scarcity and disease. Nutrition & Food Sciences, 6(1), 100e123.** <http://dx.doi.org/10.4172/2155-9600.1000e123>. ISSN: 2155-9600.

BOOKS reference/Monographs

2. **Vinay Kumar Singh**, Nitu Singh and Pradeep Kumar (2011). **Bioindicator**. LAP LAMBERT Academic Publishing GmbH & Co. KG. Germany. ISBN-978-3-8465-2945-4, pp 1-94.
3. **Vinay Kumar Singh**, Shweta Dubey and Rajendra Singh (2012). **Biosystematics and Bioecology of *Aphis spiraecola* Patch**. LAP LAMBERT Academic Publishing GmbH & Co. KG. Germany. ISBN 978-3-8484-0657-9, pp 1-152.
4. D. K. Singh, **Vinay Kumar Singh** and Pradeep Kumar (2012). **Pestiferous Gastropods and Their Control**. LAP LAMBERT Academic Publishing GmbH & Co. KG. Germany. ISBN- 978-3-659-15840-7, pp 1-152.
5. Anupam Pati Tripathi, **Vinay Kumar Singh** and D. K. Singh (2015). **Photo/ Chemo Stimulus: A New Approach to Control Fasciolosis. Orientation of snails towards visible light**. LAP LAMBERT Academic Publishing GmbH & Co. KG. Germany. ISBN- 978-3-659-79581-7, pp 1-105.
6. **Vinay Kumar Singh** and Navneet Kumar (2017). **Chlorophyllin**. LAP LAMBERT Academic Publishing GmbH & Co. KG. Germany. ISBN- 978-620-2-06193-3, pp 1-171.
7. Neelam Soni and **Vinay Kumar Singh** (2020). **Plant Toxicology and Pharmacology**. LAP LAMBERT Academic Publishing Mauritius. ISBN- 978-620-2- 66688-6, pp 1-183.
8. Divya Chaturvedi and **V. K. Singh** (2020). **Photoremedification of gastropods**. LAP LAMBERT Academic Publishing, Mauritius. ISBN- 978-620-2- 79868-6, pp 1-197.
9. D. K. Singh, **Vinay Kumar Singh**, R.N. Singh and P. Kumar (2021). **Fasciolosis: Causes, Challenges and Controls**. Springer Nature ISBN-981160259X, 9789811602597. DOI: 10.1007/978-981-16-0259-7, pp-125.

BOOK Chapters

10. **V. K. Singh**, Sanjay Singh and D. K. Singh (2003). Pharmacological effects of spices. In *Recent Progress in Medicinal Plants Vol. 2- Phytochemistry and Pharmacology, Chapter 16*; pp. 321-353. SCI TECH PUBLISHING LLC, Texas, USA. ISBN10-0965603873.
11. S. K. Singh, Amod Kumar Singh, **V. K. Singh** and D. K. Singh (2008). Effect of cyclophosphamide, eyestalk ablation and H₂O₂ on *Lymnaea acuminata*: A study on manipulation of egg laying. **Environmental Pollution and Toxicology**. APH Publishing Corporation, **Chapter XI**: 91-104, **India**. ISBN10: 8131304329.
12. Priya srivastava, P. Kumar, **V. K. Singh**, and D. K. Singh (2012). Medical and Biological Importance of *Piper nigrum* L. In *Recent Progress in Medicinal Plants Vol. 32- Ethnomedicine and Therapeutic Validation. Chapter-17*: pp-343-360. SCI TECH PUBLISHING LLC, Texas, USA. ISBN13: 9781933699226.
13. Ruby Singh, Anil Kumar Dwivedi and **Vinay Kumar Singh** (2015). Biomonitoring tools for aquatic system: A review. **Chief Editor- Ajai Kumar Pandey, Pramod Kumar Singh & Anurag Singh eds. Environmental & Health Research**, Chapter 25, India. ISBN 9788190902281.
14. Arun Kumar Srivastava, Priya Srivastava and **Vinay Kumar Singh** (2016). Bioindicator and Chemo-Attractive Behavior of Pulmonates. **Biological Diversity and**

- Ecology, Chpater-7:** pp 118-149. ENVBOOKS series, DPH Pvt. Ltd, New Delhi, India. ISBN13: 978-93-5056-785-2.
15. Arun Kumar Srivastava and **Vinay Kumar Singh** (2017). Antimicrobial Activity of Papain. **Karpiński T.M., Adamczak A., eds. Antimicrobial activity of natural substances, Chapter-2:** pp 19-34, **Poland.** ISBN 978-83-947078-2-8.
 16. Harshita Kaushik and **Vinay Kumar Singh** (2020). Novel Coronavirus (SARS-CoV-2): A Pandemic Era. **Coronavirus disease (Covid-19): A Scoping Review,** Chapter-7, pp 110-128, India. ISBN-978-81-946587-9-5.
- Peer-Reviewed REVIEW Articles**
17. **Vinay K. Singh** and D.K. Singh (2008). Pharmacological effects of *Allium sativum L.* (Garlic). **Annual Review of Biomedical Sciences (ARBS) 10,** 6-26, **Brazil.** ISSN:1517-3011.
 18. Preetee Jaiswal, Pradeep Kumar, **Vinay K. Singh** and D. K. Singh (2009). Biological Effects of *Myristica fragrans.* **Annual Review of Biomedical Sciences (ARBS) 11,** 21-29, **Brazil.** ISSN:1517-3011.
 19. Preetee Jaiswal, Pradeep Kumar, **V. K. Singh** and D. K. Singh (2010). *Carica papaya* Linn.- A potential source for various health problems. **J of Pharmacy Research, 3(5),** 998-1003, **India.** ISSN:0974-6943. **IF-2.617.**
 20. Preetee Jaiswal, Pradeep Kumar, **V. K. Singh** and D. K. Singh (2011). *Areca catechu* L., a valuable herbal medicine against different health problems. **Research J of Medicinal Plant, 5 (2),** 145-152, **UK.** ISSN:1819-3455. **IF-0.18.**
 21. Pradeep Kumar, Preetee Jaiswal, **Vinay K. Singh** and Dinesh K. Singh (2011). Medicinal, Therapeutic and Pharmacological Effects of *Syzygium aromaticum* (Laung). **Pharmacologyonline, 1,** 1044-1055, **Italy.** ISSN:1887-8620. **IF-0.18.**
 22. Priya Srivastava, P. Kumar, D. K. Singh and **V. K. Singh** (2012). Biological Properties of *Thuja orientalis* Linn. **Advances in Life Sciences, 2(2),** 17-20, **USA.** DOI: 10.5923/j.als.20120202.04. ISSN:2163-1387.
 23. Kanchan Lata Singh, Priya Srivastava, Shiv Kumar, D. K. Singh and **V. K. Singh** (2014). *Mimusops elengi* Linn. (Maulsari): A potential medicinal plant. **Archives of Biomedical Sciences, 2(1),** 18-29, **Poland.** ISSN:2300-7257.
 24. A. K. Srivastava and **Vinay Kumar Singh** (2015). Reproductive behavior of snail *Lymnaea acuminata.* **MicroMedicine, 3(1),** 8-19, **Poland.** ISSN:2300-7257.
 25. Kanchan Lata Singh, D. K. Singh and **Vinay Kumar Singh** (2016). Multidimensional uses of medicinal plant kachnar (*Bauhinia variegata* Linn.). **American J of Phytomedicine and Clinical Therapeutics, 4(1),** 58-72. **India.** ISSN: 2321-2748.
 26. A. K. Srivastava and **Vinay Kumar Singh** (2017). *Carica papaya:* A herbal Medicine. **International Journal of Research Studies in Biosciences (IJSB)** Volume 4, Issue 11, November 2016, PP 19-25. **India.** pISSN:2349-0357 & eISSN:2349-0365.
 27. A. K. Srivastava and **Vinay Kumar Singh** (2017). Biological action of *Piper nigrum* – the king of spices. **European J of Biological Research, 7(3),** 223-233, **Poland.** ISSN: 2449-8955. **IF-.586.**
 28. Arun Kumar Srivastava and **Vinay K Singh** (2018).The egg laying behaviours of the gastropods *Mollusks.* **Adv Tissue Eng Regen Med Open Access; 4(2):**22–26. **DOI: 10.15406/atroa.2018.04.00072.** **USA.** ISSN:2572-8490.
 29. Divya chaturvedi, Kavita Singh and **Vinay Kumar Singh** (2019). Therapeutic and pharmacological aspects of photodynamic product Chlorophyllin. **European J of Biological Research, 9(2):** 64-76, **Poland.** ISSN:2449-8955. **IF-.586.**
 30. Neelam Soni and **Vinay Kumar Singh** (2019).Traditional, Neutraceutical and

- pharmacological approaches of *Tamarindus indica* (Imli): A Review. **European J of Biological Research**, **9(3)**: 141-154. Poland. ISSN:2449-8955. **IF-.586**.
31. Neelam Soni and **Vinay K Singh** (2019). The Efficacy and Advancement of *Terminalia arjuna* in Indian Herbal Drug Research: A Review. **Trends Applied Sci. Res.** **14:233-242**. ISSN:1819-3579; DOI: 10.3923/tasr.2019.233.242,USA. **IF-.230**.
 32. Kavita Singh and **Vinay Kumar Singh** (2019). Review on different aspects of the photodynamic product pheophorbide. **Specialty Journal of Biological Sciences**, **5** (4): 6-13. ISSN:2412-7396 Available online at www.sciarena.com.Austria. **IF-1.028**.
 33. Arun Kumar Srivastava and **Vinay Kumar Singh** (2019). Biological action of essential oils (Terpenes). **Int J Biol Med Res**, **10(3)**: 6854-6859. ISSN: 0976:6685.
 34. Harshita Kaushik and **Vinay Kumar Singh** (2020). Mathematics of Covid-19 in India and their possible control by *Allium sativum* (L.). **Asian J of Advances in Medical Sciences**, **2(1)**: 21-27.
 35. Arun Kumar Srivastava and **Vinay Kumar Singh** (2020). Covid-19: A pandemic to public health. **BioMed Research J**, **5(1)**: 299-304. ISSN:2578-8892.
 36. Arun Kumar Srivastava and **Vinay Kumar Singh** (2020). Snails as Biological Monitor (Bioindicator). **Asian J of Advances in Research**, **5(1)**: 6-12.India.
 37. Arun Kumar Srivastava and **Vinay Kumar Singh** (2020). Physiological Role of Some alkaloids. **J of Medicine and Surgical Sciences** **2(3)**: 1-7. Australia. E-ISSN: 2367-699X, P-ISSN: 2367-7414.
 38. Arun Kumar Srivastava and **Vinay Kumar Singh** (2021). Feeding behaviours in gastropod Molluscs. **J of Cell & molecular Biology**, **5(1)**: 013. Henry publishing Group. ISSN: 2565-571X.
 39. Arun Kumar Srivastava and **Vinay Kumar Singh** (2021). *Tinospora cordifolia* (GILOY): A MAGICAL SHRUB. **Asian J of Advances in Medical Sciences**. **3(3)**: 22-30.
 40. Divya chaturvedi, Neelam Soni and **Vinay Kumar Singh** (2021). Ethnobotanical Molluscicides. **European J of Biological Research**, **11(4):417-433**, Poland. ISSN: 2449-8955. **IF-.586**.
 41. Arun Kumar Srivastava and **Vinay Kumar Singh** (2021). *Tulsi (Osimum sanctum)*: A Potent Adoptogen. **Clinical Research Notes**, **2(2)**: 037, ISSN: 2690-8816.

Peer-Reviewed MINI Reviews

42. Arun Kumar Srivastava and **Vinay Kumar Singh** (2018). Role of Abiotic Factors and Plant Molluscicides against Reproduction of Snails. **Op Acc J Bio Eng & Bio Sci** **2(3)**-1-3. USA. ISSN:2637-4579.

Peer-Reviewed RESEARCH Papers

43. **V.K. Singh** and D.K. Singh (1995). Characterization of allicin as a molluscicidal agent in *Allium sativum* (Garlic). **Biological Agriculture & Horticulture**, **12**, 119-131, U.K. ISSN:0144-8765 print/ISSN-2165-0616 online. **IF-1.239**.
44. **V.K. Singh** and D.K. Singh (1996). Molluscicidal activity of pre- and post-harvest *Allium sativum* (Garlic). **Biological Agriculture & Horticulture**, **12**, 311-318, U.K. ISSN :0144-8765 print/ISSN-2165-0616 online. **IF-1.239**.
45. **V.K. Singh** and D.K. Singh (1996). Enzyme inhibition by allicin, the active molluscicidal agent of *Allium sativum* L. (Garlic). **Phytotherapy Research**, **10**, 383-386, U.K. Print ISSN: 0951418X Online ISSN:1099-1573. **IF-3.349**.
46. Sanjay Singh, **V.K. Singh** and D. K. Singh (1997). Molluscicidal activity of some common spice plants. **Biological Agriculture & Horticulture**, **14**, 237-249, U.K. ISSN:0144-8765 print/ISSN 2165-0616 online. **IF-1.239**.

47. Sanjay Singh, **V. K. Singh** and D. K. Singh (1998). Effect of active molluscicidal agent of common spices on biochemical parameters in the ovotestis of *Lymnaea acuminata*. **Malaysian Applied Biology**, **27**, 45-49, **Malaysia**. ISSN:0126-8643. **IF-0.150**.
48. Keshav Singh, **V.K. Singh** and D. K. Singh (1999). Effect of *Polianthes tuberosa*8 (Amaryllidaceae) on the reproduction and biochemical parameters in ovotestis of snail *Lymnaea acuminata* (Mollusca, Pulmonata). **Acta hydrochimica et hydrobiologica**, **27**, 32-37, **Germany**. ISSN:0323-4320. **IF-1.519**.
49. **V. K. Singh**, Sanjay Singh, Sushma Singh and D. K. Singh (1999). Effect of active molluscicidal component of spices on different enzyme activity and biogenic amines level in the nervous tissue of *Lymnaea acuminata*. **Phytotherapy Research**, **13**, 649-654, **UK**. ISSN:1099-1573. **IF-3.349**.
50. I. G. Rao, Amrita Singh, **V.K. Singh** and D. K. Singh (2003). Effect of single and binary combination of plant-derived molluscicides on different enzyme activity in the nervous tissue of *Achatina fulica*. **Journal of Applied Toxicology**, **23**, 19-22, **U.K**. ISSN: 0260-437X. **IF-3.065**.
51. Sanjay M. Tripathi, **V.K. Singh**, Sanjay Singh and D. K. Singh (2004). Enzyme inhibition by the molluscicidal agent *Punica granatum* Linn. Bark and *Canna indica* Linn. Root. **Phytotherapy Research**, **18**, 501-506. **UK**. ISSN:1099-1573. **IF-3.349**.
52. Sanjay Singh, **V.K. Singh** and D. K. Singh (2004). Effect of spice Ginger (*Zingiber officinale*) and Ajowan (*Trachyspermum ammi*) on reproduction of the vector snail *Lymnaea acuminata*. **Biological Memoirs**, **30**(1), 14-19. **India**. ISSN:0319-8091.
53. Priyamvada Singh, **V.K. Singh** and D. K. Singh (2005). Effect of binary combination of some plant-derived molluscicides with MGK-264 or piperonyl butoxide on reproduction of snail *Lymnaea acuminata*. **Pest Management Science**, **61**, 204-208, **U.K**. ISSN:1526-4998. **IF-3.255**.
54. Sangita Shukla, **V.K. Singh** and D.K. Singh (2005). Binary and Tertiary combinations of plant derived molluscicides against the vector snails *Lymnaea acuminata* and *Indoplanorbis exustus*. **Malaysian Applied Biology**, **34**(2), 15-24, **Malaysia**. ISSN: 0126-8643. **IF-0.150**.
55. Sangita Shukla, **V.K. Singh** and D.K. Singh (2006). The Effect of Single, Binary and Tertiary combination of few plant derived molluscicides alone or in combination with synergist on different enzymes in the nervous tissues of the freshwater snail *Lymnaea* (Radix) *acuminata* (Lamark). **Pesticide, Biochemistry and Physiology**, **85**, 167-173, **USA**. ISSN:0048-3575. **IF-3.828**.
56. Ruchi Tripathi, **V.K. Singh** and D. K. Singh (2006). Freeze-dried powder cow urine reduces the viability of snail *L. acuminata*. **J. of Pest Science**, **79**, 143-148, **Germany**. ISSN:1612-4758 print/1612-4766 online. **IF-5.133**.
57. Preetee Jaiswal, **V. K. Singh** and D. K. Singh (2008). Enzyme inhibition by molluscicidal components of *Areca catechu* and *Carica papaya* in the nervous tissue of vector snail *Lymnaea acuminata*. **Pesticide Biochemistry and Physiology**, **92**, 164-168, doi:10.1016/j.pestbp. 2008.07.002, **USA**. ISSN:0048-3575. **IF-2.680**.
58. R. N. Singh, Pradeep Kumar, **V.K. Singh** and D.K. Singh (2008). Effect of binary combination of deltamethrin + MGK-264 on the levels of phospholipids and lipid peroxidation in the snail *Lymnaea acuminata*. **Chemosphere**, **73**, 1032-1035. **The Netherlands**, doi:10.1016/j.chemosphere. 2008.08. 010. ISSN:0045-6535. **IF-5.108**.
59. Pradeep Kumar, **V. K. Singh** and D. K. Singh (2009). Kinetics of enzyme inhibition by active molluscicidal agents ferulic acid, umbelliferone, eugenol and limonene in the nervous tissue of snail *Lymnaea acuminata*. **Phytotherapy Research**, **23**, 172-177,

- Doi:10.1002/ ptr.2578. **UK**. ISSN:1099-1573. **IF-3.349**.
60. Priya Srivastava, Pradeep Kumar, **V. K. Singh** and D. K. Singh (2009) Molluscicidal activity of *Piper nigrum* (black) against the snail *Lymnaea acuminata* and *Indoplanorbis exustus* in the control of fascioliasis. **J of Herbal Medicine and Toxicology**, **3(1)**, 81-86, **India**. ISSN:0973-4643.
 61. Arundhati Singh and **V. K. Singh** (2009) Molluscicidal activity of *Saraca asoca* and *Thuja orientalis* against the fresh water snail *Lymnaea acuminata*. **Veterinary Parasitology**, **164**, 206-210, doi- 10.1016/j. vetpar.2009.05.008, **UK**. ISSN:0304- 4017. **IF-2.278**. This article is collected since 2013. The National Agricultural Library (NAL) is one of five national libraries of the United States. It houses one of the world's largest collections devoted to agriculture and its related sciences.
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 141. Pooja Agrahari, Richa Kumari, Kumari Swati, Supriya Rai, **Vinay Kumar Singh** and D. K. Singh (2018). *Ficus religiosa* tree leaves as bioindicators of heavy metals in Gorakhpur city, Uttar Pradesh, India. **Pharmacogn J.**, **10(3)**, 416-420. **India**. ISSN: 0975-3575. **IF-0.71. Scopus Source**.
 142. Kavita Singh and **Vinay Kumar Singh** (2018). Effect of Photodynamic Product Chlorophyllin on Certain Biochemical in *Lymnaea acuminata*: Causative Agent of Fasiolosis. **American Journal of Biochemistry and Molecular Biology**, **8**, 10-15. **USA**. eISSN:2150-4253,pISSN:2150-4210.
 143. Richa Singh, Avantika Jaiswal, Janhavi Singh, Nidhi Singh, Shailendra Kumar Bhaskar, Navneet Kumar, Singh VK and Singh DK (2018). Study of Bird Diversity in Gorakhpur University Campus. **Journal of Biodiversity & Endangered Species**, **6:002**, DOI: 10.4172/2332-2543.S2-00. ISSN:2332-2543.**Italy**.
 144. Neelam Soni and **Vinay K Singh** (2019). Toxicological safety assessment of biomolluscicides derived from medicinal plant on non-target aquatic biota; *Colisa fasciatus*. **International Annals of Science**, **7 (1)**, **21-27, India**. ISSN:2456-7132.

145. Neelam Soni, D. K. Singh and **Vinay Kumar Singh** (2020). HPLC characterization of molluscicidal component of *Tamarindus indica* and its mode of action on nervous tissue of *Lymnaea acuminata*. **J of Ayurveda and Integrative Medicine**, **11(2)** April– June, 131-139, Elsevier. **IF-1.41**. <https://doi.org/10.1016/j.jaim.2017.09.002>. ISSN:0975-9476.WOS.
146. Kavita Singh and **Vinay Kumar Singh** (2020). Evaluation of the effect of pheophorbide on reproduction and biochemical changes of fresh water snail *Lymnaea acuminata*. **Asian J of Advances in Research**, **4(2)**: 1-10.India.

Peer-Reviewed Short Communication

147. **Vinay Kumar Singh** (2017). Mollusciciding Agent of *Allium* (Garlic) Allicin. **Annals of Pharmacology and Pharmaceutics**, **2017, Volume 2(10) Article 1053**. ISSN:2573-6051. USA.

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148. D. K. Singh, **V. K. Singh**, Dinesh Yadav, Bajju Lal, O.K. Raina, H.L. Lalrinkima, S.A. Husain, and Santiago Mas-Coma (2020). Fasciolosis: An Ongoing Constrain In India. Submitted.
149. D. K. Singh, **V. K. Singh**, Dinesh Yadav, Bajju Lal, S.A. Husain, and Santiago Mas-Coma (2021). Distribution and Ecology of Lymnaeidae and Planorbidae species in India. Submitted.

Abstract/ Symposia/ International

1. CPM Tripathi, D. K. Singh, **V. K. Singh**, A K Pandey (2009). Physico-chemical analysis of water of natural lake Ramgarh Gorakhpur, India. INTECOL 10, Brisben, Australia.

List of articles in popular magazines or newspapers:

1. Gorakhpur Mahotsav-2019: Savanrate Gorakhpur ka Paryavaran. **Manthan**. Pp-80.
2. Gorakhpur Mahotsav-2020: Gorakhpur Paricchetra me Paudh-Ropan. **Manthan**. Pp111-116.
3. Kaahar Patrika-2020: Corana Virus: Problem & Solutions, Vol 7(1-2 January-June)

TOTAL NUMBER OF PUBLICATION- 147

(1 Editorial+ 8Book+ 7 Chapter + 25 Review article + 01 Mini Review+ 104 Full papers+1 Short Communication)

147 Publications- 38 in Indian Journal, 109 in Foreign Journal

Name of 90 Journals in which 144 papers published / accepted:

Sl No.	Name of Journal-Country	Sl No.	Name of Journal-Country
1.	Acta hydrochimica et hydrobiologia, Germany.	46.	Chapter -Recent trends in medicinal plants Vol.32 (Ethnomed & Therap Validation) USA.
2.	Biological Agriculture & Horticulture, U.K.	47.	American-Eurasian J. of Toxicol .Sci, UAE.
3.	J of Herbs, Spices & Medicinal Plants, USA.	48.	International Annals of Science, India.
4.	Chemosphere, UK.	49.	The Ecoscan- India.
5.	Malaysian Applied Biology, Malaysia.	50.	American J of Chemistry- USA.
6.	Phytotherapy Research, U.K.	51.	J of Medicine and Surgical Sciences, USA.
7.	Pest Management Science, U.K.	52.	Researcher, USA.
8.	Pesticide Science, U.K.	53.	ISRN Biochemistry, USA.
9.	Biological Memoirs. India.	53.	Pakistan J Biological Sciences, USA.
10.	Journal of Applied Toxicology. U.K.	54.	New York Science Journal, USA.
11.	Chapter in Books -Recent trends in medicinal plants Vol.2 (Pharmacol & Phytochem) USA.	55.	Scientific J of Biological Sciences, Iran.
12.	Journal of Applied Biosciences, India.	56.	Advances in Biological Research, UAE.
13.	Journal of Pest Science, Germany.	57.	Research J of Environmental Toxicol., USA.
14.	Pesticide, Biochemistry & Physiology, USA.	58.	International J of Zoology, USA.
15.	Annual Review of Biomedical Sci., Brazil.	59.	Applied Science Reports, Pakistan.
16.	Veterinary Parasitology, UK.	60.	Frontiers of Biological and Life Sciences, USA.
17.	Chapter in Books –Environmental Pollution & Toxicology, India.	61.	International J of Traditional and Natural Medicines, USA.
18.	Australasian J of Ecotoxicology, Australia.	62.	Biolife, India.
19.	Journal of herbal medicine & toxicol. India.	63.	Archives of Biomedical Sciences, Poland.
20.	Enzyme Research, USA.	64.	Singapore J of Scientific Research, USA.
21.	The Bioscan, India.	65.	Research, USA.
22.	J of Pharmacy Research, India.	66.	Journal of Coastal Life Medicine, China.
23.	J of Water and Health, UK.	67.	Tropical Life Science Research, Malaysia.
24.	Research J of Medicinal Plant, UK.	68.	European J of Biological Research, Poland.
25.	World J of Zoology, UAE.	69.	Asian J of Biochemistry, USA.
26.	Drug Invention Today, India.	70.	Annual Review & Research in Biology, USA.
27.	Global Veterinaria, UAE.	71.	Scientia Agriculturae, Pakistan.
28.	Trends in Biosciences, India.	72.	International J of Zoological Research, USA.
29.	Natural Science, China.	73.	Research J of Parasitology, USA.
30.	Middle-East J of Scientific Research, UAE.	74.	American J of Phytomed & Clin Therap, USA
31.	European Rev for Med & Pharmacol Sci, Italy.	75.	J of Nutrition & Food Sciences, USA.
32.	American J of Chemistry- USA.	76.	Pharmacognosy J, India.
33.	Rev. Inst. Med. Trop. Sao Paulo, Brazil.	77.	Specialty Journal of Biological Sciences, Austria
34.	Advances in Life Sciences, USA.	78.	International Jof Pharma Sci and Res, India.
35.	Annals of Pharmacol & Pharmacotherap, USA.	79.	J of Ayurveda and Integrative Medicine. India.
36.	The J of Zoology Studies, India.	80.	Asian journal of Science and Technology, India.
37.	J of Scientific Research, USA.	81.	Adv Tissue Eng Regen Med Open Access. USA
38.	Pharmacologyonline, Italy.	82.	Op Acc J Bio Eng & Bio Sci, USA.
39.	I.J.P.S.R. India.	83.	American J of Biochem and Mol Biol, USA
40.	Scientifica, USA.	84.	Journal of Biod. & Endang. Species, India.
41.	Trends in Applied Sci Res. USA.	85.	Asian J of Advances in Medical Science, India.
42.	Biomed Research Journal, USA.	86.	Asian J of Advances in Research, India.
43.	J of Biology and Earth Sciences, Poland.	87.	J of Medicine and Surgical Sci, Australia.
44.	J. of Cell & Mol. Biol., Henry Publishing group	88.	BioMed Research J, USA
45.	Int J Biol Med Res, USA	89.	

Name of Journals in which 147 papers published/ accepted with impact factors:

Journals	Impact Factor Thomson Reuters	H-index	SJR (SCImago Journal Rank)	SNIP (Source Normalized Impact per paper)
Chemosphere, UK.	5.778	212	1.448	1.540
Journal of Pest Science, Germany.	5.133	40	1.901	1.755
Pest Management Science, U.K.	3.750	107	1.180	1.488
Journal of Applied Toxicology. U.K.	3.065	76	0.829	0.902
Phytotherapy Research, U.K.	3.880	112	0.884	1.244
Pesticide, Biochemistry & Physiology, USA.	3.282	71	1.940	1.256
Veterinary Parasitology, UK.	2.009	109	1.041	1.141
Acta Tropica, UK.	2.629	89	1.171	1.224
Acta hydrochimica et hydrobiologia, Germany.	1.910	-	-	-
European Review for Medical and Pharmacological Sciences, Italy.	1.778	48	0.618	0.841
Drug Invention Today, India	0.20	12	0.108	0.398
J of Water and Health, UK.	1.683	52	0.526	0.780
Biological Agriculture & Horticulture, UK	1.239	27	0.529	0.872
J of the Sao Paulo Institute of Tropical Medicine, Brazil.	1.115	44	0.626	0.812
J of Nutrition & Food Sciences, USA.	1.02	19	0.340	-
Natural Science, China.	0.960	-	0.99	-
Scientia Agriculturae, Pakistan	0.898	-	-	-
International J of Zoology, USA.	0.820	-	-	-
International J of Zoology, USA	0.820	-	-	-
International J of Zoological Research, USA.	0.820	-	-	-
J of Pharmacy Research, India.	0.740	-	-	-
Pakistan J of Biological Sciences.	0.730	-	0.230	0.840
Pharmacognosy J, India.	0.710	-	-	-
Global Veterinaria, UAE.	0.677	-	0.240	-
Applied Science reports, Pakistan.	0.570	-	0.160	-
J of Biology and Earth Sciences, Poland.	0.623	-	-	-
Research J of Parasitology, USA.	0.420	84	0.790	0.140
Pharmacologyonline, Italy.	0.370	-	-	-
Malaysian Applied Biology, Malaysia.	0.370	5	0.194	-
Tropical Life Science Research, Malaysia	0.031	-	0.159	-
J of Herbs, Spices & Medicinal Plants, USA	0.630	24	0.184	-
Annual Review of Biomedical Sciences, Brazil.	-	10	0.130	0.500
Research J of Medicinal Plant, UK.	0.018	-	0.41	1.140
J of Ayurveda and Integrative Medicine. India	1.410	22	0.306	1.147