

CURRICULUM VITAE

1. **Full Name** : **Dr. HRIDAYA SHANKER SINGH**
2. **Father's Name** : Late M. B. Singh
3. **Date of Birth & Age** : 01.06.1958, 62 Years
4. **Permanent Address** : c/o Late Prem Shanker Singh
Vill.- Bhagwanpur, P.O.- Bridgmanganj
Distt.- Maharajaganj (U. P.)- 273157
5. **Present Postal Address** : Department of Zoology
Ch. Charan Singh University,
Meerut, (U. P.)- 250 004
email: hridaya_singh@rediffmail.com
Ph.: 09412204430
6. **Present Position** : Ex Pro-Vice Chancellor & Professor & Head
Ch. Charan Singh University, Meerut
7. **Educational Qualification** : M.Sc.; Ph.D. Zoology (Lucknow University)
8. **Teaching Experience** : Since 1983 till date
9. **Research Experience** : Since 1980 till date
10. **Publications**
 - (A) **Research Papers Published** : **228** (Annexure 1)
 - (B) **Books Published** : **07** (Annexure 2)
11. **Research Guidance**
 - (A) **M. Phil. Supervision** : **89** (Annexure 3)
 - (B) **Ph. D. Supervision** : **31 + 2** (Annexure 4)
12. **Research Projects Mobilization of various Funding Agencies** : **11** (Annexure 5)
13. **Administrative Experience:**
 - **Pro- Vice Chancellor**, Ch. Charan Singh University, Meerut (2014- 2018)
 - **Chairman, IQAC**, Ch. Charan Singh University, Meerut (2014- till date)
 - **Head**, Department of Zoology, Ch. Charan Singh University, Meerut (2008-11) & June 2018-till date.
 - **Controller Examination**, Ch. Charan Singh University, Meerut (2012-2014)
 - **Dean, Faculty of Science**, Ch. Charan Singh University, Meerut (2011-2016).
 - **Chief Warden**, Ch. Charan Singh University, Meerut (2011- 2012).
 - **Co-Ordinator**, Department of Toxicology, Ch. Charan Singh University, Meerut (2009- 2011).
 - **Co-Ordinator**, Department of Environmental Science, Ch. Charan Singh University, Meerut (2009- 2011).
 - **Director, Sir Chhotu Ram Institute of Engineering & Technology (SCRIET)**, Ch. Charan Singh University, Meerut (March 2006- August 2009).

- **Chief Proctor**, Ch. Charan Singh University, Meerut (2003-2004).
- **Member**, Academic Council Ch. Charan Singh University, Meerut (1991- till date).
- **Member**, Executive Council, Ch. Charan Singh University, Meerut (1991-92).
- **Asst. Warden**, Ch. Charan Singh University, Meerut (1990-91).
- **Asst. Proctor**, Ch. Charan Singh University, Meerut (1986-87 & 1991- 1998).

14. Memberships and Awards:

- Life Member - Helminthological Society of India
- Life Member - Indian Society of Parasitology
- Life Member - Society of Parasitology and Applied Animal Biology
- Life Member - Indian Association for the Advancement of Veterinary Parasitology
- Life Member - Zoological Society Of India
- Life Member - Indian Science Congress Association

15. Fellowships and Honours :

- Helminthological Society of India (FHS)
- Zoological Society of India (FZSI)
- Fellow Academy of Zoology (FAZ)
- Fellow Academy of Env. Biol. (FAEB)
- Hon. Member (Asian Fishery Society, Manila)
- Fellow Bioved Research & Communication (FBR)
- Fellow Zoological Society, Kolkata (FZS, Cal.)
- Recognition Gold Medal (Global Biodiversity Meet, Allahabad University)
- Prof. H.R.Mehra Gold Medal Helminthological Society of India
- **Shikshak Sree Samman,2019, U.P .State Government, Lucknow**

16. Positions/ Fellowships Held:

- Research Assistant, Zoology Department, Lucknow University (1980-83).
- Lecturer, Deptt. of Zoology, Ch. Charan Singh University, Meerut (1983-96).
- Reader, Deptt. of Zoology, Ch. Charan Singh University, Meerut (1996-2002).
- Professor, Deptt.of Zoology, Ch. Charan Singh University, Meerut (2002-till date)
- Visiting Scientist SERC, Department of Zoology, A. M. U., Aligarh with Prof. W. A. Nizami (1995-96).
- Visiting Scientist, Indo-Dutch Cultural exchange program in the Department of Marine Biology, University of Groningen, The Netherlands (1996-97).
- Visiting Scientist, Indo-Hungarian Cultural exchange program in Vet. Medical Res. Institute, Budapest (2002-03).
- Visiting Scientist, Indo-Hungarian Cultural exchange program in Vet. Medical Res. Institute, Budapest (2007-08).
- Visiting Scientist, Indo-Hungarian Cultural exchange program in Vet. Medical Res. Institute, Budapest (2012-13)

17. Scholastic Honours:

- i. Designated as one of the expertise available in India in two different fields of Parasitology (Monogenea and Acanthocephala) by ministry of Environment (Animal resources of India, STATE OF ART, 1991).
- ii. Awarded membership of New York Academy of Sciences in 1997.
- iii. Awarded certificate of Merit by Competition Success Review.
- iv. Awarded 2nd prize in parasite photo contest at National Convention of Vector Borne Diseases.
- v. Co-operating Editor Journal of Experimental Zoology, India.
- vi. Councilor U. P. J. Zoology, India.
- vii. Member Editorial board of the Journal, Biochemical and cellular Archives.
- viii. Best Teacher Award, Rotary Club, Meerut.
- ix. Subject Expert, Union Public Service Commission, New Delhi.
- x. Member Editorial board of National Journal of Life Sciences.
- xi. Member, Editorial board, Journal of Comparative toxicology & Physiology.
- xii. Recorder Animal, Veterinary and Fishery Sciences (2010-2012) Indian Science congress.
- xiii. Member Review Committee : UPSC (New Delhi), Public Service Commission U.P. and Uttarakhand
- xiv. Paper setter : UPSC (New Delhi), Public Service Commission U. P. and Uttarakhand
- xv. Member, Technical Advisory Committee, STEM, DST, New Delhi
- xvi. Member, Executive Council, Dr.A.P.J Abdul Kalam University, Lucknow
- xvii. Assessor, NAAC 2018 till date

18. Visits abroad:

Visited Australia, Canada, Hungary, The Netherlands, Malaysia, Singapore USA for scientific and academic purposes.

Besides this visited many Universities/Institutions in the country; attended and organized various workshops, seminars, conferences, symposia etc. Moreso, involved in curriculum development/ selection committees/examiner of theses/paper setter/subject expert in various Universities/ institutions in the country.

Dated:

Place: **Meerut**

(HRIDAYA SHANKER SINGH)

Annexure-1

LIST OF RESEARCH PAPERS PUBLISHED YEAR WISE BY PROF. H. S. SINGH

EX-PRO- VICE CHANCELLOR & PROFESSOR, CH. CHARAN SINGH UNIVERSITY, MEERUT

1980

1. Agrawal, N. and **Singh, H.S.** Infection of *Channa punctatus* (Bloch) with a metacercaria, *Tetracotyle gyanpurensis* n. sp. *Matsya*, 6: 84-86.
2. Agrawal, N. and **Singh, H.S.** On three new monogenetic trematodes from freshwater fish, *Clupisoma garua* (Ham.). *J. Zool. Soc. India*, 32: 27-34.
3. Agrawal, N. and **Singh, H.S.** On two new monogenetic trematodes from carps at district Gorakhpur. *Indian J. Zoot.*, 19: 55-59.

1981

4. Agrawal, N. and **Singh, H.S.** On a known and three unknown monogenetic *Urocleidus* Mueller, 1934. *Pranikee*, 3: 22-34.
5. Agrawal, N. and **Singh, H.S.** On a rare trematode, *Transversotrema chauhani* n. sp., from a freshwater fish, *Nandus nandus* (Ham.). *Curr. Sci.*, 50: 425-427.

1982

6. Agrawal, N. and **Singh, H.S.** On a new acanthocephalan from a freshwater fish of district Gorakhpur. *J. Advanced Zool.*, 3: 85-87.
7. Agrawal, N. and **Singh, H.S.** On a new monogenean from freshwater fish of Lucknow, India. *Proc. Indian Acad. Parasit.*, 3: 60-62.
8. Agrawal, N. and **Singh, H.S.** Two freshwater monogeneans of the genus *Bifurcohaptor* Jain, 1958 and *Dactylogyryrus* Diesing, 1850. *Indian J. Parasit.* 6: 215-218.
9. Agrawal, N. and **Singh, H.S.** On three known monogenetic trematodes of freshwater fishes of U.P. *Science and Environment*, 4: 35- 42.
10. Agrawal, N. and **Singh, H.S.** On a new monogenean *Neosprostonia garuai* n. sp., from *Clupisoma garua* (Ham.). *Indian J. Parasit.*, 6: 57-59.
11. Agrawal, N. and **Singh, H.S.** On three monogeneans from freshwater fishes at district Lucknow. *Readings in Zoology*, 1: 31-35.
12. Agrawal, N. and **Singh, H.S.** Studies on monogenetic trematodes from freshwater fishes of Gorakhpur, U.P. (India) Part IV. *U. P. J. Zool.*, 2: 58-61.

1984

13. Agrawal, N. and **Singh, H.S.** Studies on monogenetic trematodes from freshwater fishes of Gorakhpur, U.P. (India) Part II. *Rivista di Parasitologia*, 45: 235-237.
14. Agrawal, N. and **Singh, H.S.** On a rare monogenean *Mizellius ramalingami* n.sp., at Lucknow, India. *Indian J. Helminth. (n.s.)*, 1: 1-4.

1985

15. Agrawal, N. and **Singh, H.S.** Cestode fauna of district Gorakhpur Part I. On a rare cestode *Capingentoides gorakhnathai* n. sp. *Indian J Helminth (n.s.)*, 2: 81-84.

16. Agrawal, N. and **Singh, H.S.** Studies on monogenetic trematodes from freshwater fishes of Gorakhpur, U.P. (India) Part I. *J. Adv. Zool.*, 6: 59-61.
17. **Singh, H.S.** and Bali, N.P. Blood groups: religion and intestinal parasites in Meerut religion. *Bio. Science Res. Bull.*, 1:69-72.
18. **Singh, H.S.** and Tewari, S.K. On an aspidocotyle, *Lissemysia agrawali* n.sp., from a freshwater fish, *Puntius ticto* (Ham.). *Indian J. Parasit.*, 9:73-74.
19. Agrawal, N. and **Singh, H.S.** Studies on monogenetic trematodes from freshwater fishes of Gorakhpur, U.P. (India) Part III. *Rivista di Parasit.*, 46: 217-220.

1986

20. **Singh, H.S.** and Tewari, S.K. A new host record of *Ommatobrephus lobatum* Mehra, 1982. *Indian J. Helminth. (n.s.)* 3: 27.
21. **Singh, H.S.** and Jain, A. Further remarks on *Dutheirsia expensa* Perrier. *Sci. & Environment*, 8: 17-22.
22. **Singh, H.S.** Effect of *Capingentoides batrachi* Gupta, 1961 on haematological indices of *Clarias batrachus* (Linn.). *Proc. IInd National Conv. Young Sci.*, 78-82.

1987

23. **Singh, H.S.** Nematode parasites of Indian cockroach, (*Periplaneta americana* L.) at Meerut. *U. P. J. Zool.*, 7: 133- 145.
24. **Singh, H.S.** and Jain, A. Two new monogeneans from freshwater fishes of Meerut, U.P., India. *Jap. J. Parasit.*, 36: 244-248.
25. **Singh, H.S.** and Singh, A.S. Effect of organophosphates of haematological indices of man. *Ind. J. Env. & Agri.* 2: 29-31.
26. **Singh H.S.** Observation on sodium and postasium in hydatid fluid of *Hydetigera* Rudolphi, 1808. *Indian J. Helminth. (n.s.)*, 4: 83-97.
27. **Singh, H.S.** and Tewari, S.K. Scanning electron microscopic observation of *Clinostomum piscidium*. *Adv. Bios.*, 6:65-68.

1988

28. **Singh, H.S.** and Jain, A. On a new monogenetic trematode, *Dogielius gussevi* n.sp., from freshwater fish *Rita rita* (Ham.). *U. P. J. Zool.*, 8:90-93.
29. **Singh, H.S.** and Kaur, H. Nematode parasites of Indian cockroach, (*Periplaneta americana* L), at Meerut, U.P. India. *Ind. J. Env. & Agri.*, 3: 25-27.
30. **Singh, H.S.** and Kaur, H. On a new nematode, *Hammerschmidtella basiri* n.sp., from *Periplaneta americana* Linn. *Indian J. Parasit.*, 12: 187-189.
31. **Singh, H.S.** and Shukla, S.K. A new record of hyperparasitism in a trematode, *Prosotocus* sp. *Indian J. Helminth. (n.s.)* 5: 55-56.
32. **Singh, H.S.** Blood groups in common Indian frog, *Rana tigrina* (Daud.). *Ind. J. Env. & Agri.* 3:25.
33. **Singh, H.S.** and Reddy, T.V. Abnormality in *Heteropneustes fossilis* (Bloch.). *Biosphere*, 1:56-59.

1989

34. **Singh, H.S.**; Reddy, T.V. and Singh, K. Effect of alkalinity on haematological, biochemical and hepatosomatic indices of freshwater cat fish, *Heteropneustes fossilis* (Bloch.). *Environ. Strat. & Biosciences.* 171-178.

35. **Singh, H.S.** A new species of the genus *Moniliformis* Travassos, 1915. *Adv. Bios.*, 8: 53-57.
36. **Singh, H.S.** and Reddy, T.V. An additional dorsal fin in *Heteropneustes fossilis* (Bloch.). *J. Fish Biol.* 34:963-964.
37. **Singh, H.S.** and Singh, K. On two new nematodes from *Periplaneta americana* (Linn.), from India. *Dr. B. S. Chauhan Comm. Vol.*, 149-153.
38. **Singh, H.S.**; Prakash, D.; Pandey, K.C. and Srivastava, R.C. Biology, morphometry and vector parasite interaction of Guinea worm larvae. *Dr. B. S. Chauhan Comm. Vol.*, 161-178.
39. **Singh, H.S.** and Jain, A. Two freshwater monogeneans from freshwater shark, *Wallago attu* (Bloch & Schn.). *Indian J. Parasit.*, 12: 323-326.
40. **Singh, H.S.** and Reddy, T.V. Effect of hypothermia on some biochemical and enzymological parameters of fish, *Heteropneustes fossilis* (Bloch). *Comp. Physiol. Ecol.*, 14: 100-102.
41. **Singh, H.S.** and Reddy, T.V. Effect of starvation and refeeding on blood chemistry, of freshwater cat fish, *Heteropneustes fossilis* (Bloch). *Recent Trends in Toxicology*, 195-198. 42.
42. **Singh, H.S.** and Reddy, T.V. Effect of starvation and re-feeding on hematology and hepatosomatic index of a freshwater cat fish, *Heteropneustes fossilis* (Bloch). *Biosphere*, 1-B: 41-45.
43. Pandey, K.C. and **Singh, H.S.** A review of the genus *Bifurcophaptor* Jain, 1958. *Indian J. Helminth. (n.s.)*, 6: 39-56.

1990

44. **Singh, H.S.** and Reddy, T.V. Effect of prolonged dark stress on hematology, blood chemistry and hepatosomatic indices in freshwater cat fish, *Heteropneustes fossilis* (Bloch) *Adv. Bioscience*, 10:9-18.
45. **Singh, H.S.** and Reddy, T.V. Effect of copper sulphate on haematology, blood chemistry and hepatosomatic index of Indian cat fish, *Heteropneustes fossilis* (Bloch) and its recovery. *Ecotoxicology and Env. Safety*, 19: 30-35.
46. **Singh, H.S.** and Singh, K. A new species of the genus *Mirzaeilla* Basir, 1942. *Indian J. Parasit.* 14:201-202.
47. **Singh, H.S.** and Pandey, U. *Argulus ritai* n. sp., from gill filaments of *Rita rita* (Ham.). *J. Zool. Soc. India*, 40: 120.
48. **Singh, H.S.** and Verma, A. Effect of short term starvation on myogen pattern of *Channa punctatus* Bloch. *J. Zool. Soc. India*, 41: 91-92.
49. **Singh, H.S.** and Singh, K. On a rare nematode, *Isobinema indica* n.sp., from *Grylotalpa africana*, at Meerut. *Proc. Indian Acad. Parasitol.*, 10: 11-12.
50. **Singh, H.S.** and Shukla, S.K. Neurosecretory cells in *Paramphistomum* sp., *Archiva Veterinaria*, 20: 155-161.
51. **Singh, H.S.** and Reddy, T.V. Effect of acid stress (pH \pm 0.2) on haematology, blood chemistry and hepatosomatic indices of a freshwater fish, *Heteropneustes fossilis* (Bloch). *U. P. J. Zool.*, 10: 174-179.

1991

52. **Singh, H.S.** and Kumar, K. Myogen pattern in *Heteropneustes fossilis* (Bloch), subjected to short term starvation. *Matsya*, 15&16: 181-183.

1992

53. **Singh, H.S.** and Kumari, M. Some observation on freshwater dactylogyrid, *Silurodescooides* sp. *Indian J. Parasit.* 16: 135.
54. **Singh, H.S.**; Kumari, M. and Agrawal, S. On some known and unknown monogeneans from *Wallago attu* (Bloch and Schn.) at Meerut, U.P. *U. P. J. Zool.*, 12: 48-56.
55. **Singh, H.S.**; Kumari, M. and Agrawal, S. *Wallagotrema indica* n. sp., a new monogenean from the freshwater shark *Wallago attu* (Bloch and Schn.). *Functional and Developmental Morphology*, 2: 85- 88.
56. **Singh, H.S.** and Agrawal, S. Variation in chitinoid structures of *Hamatopeduncularia wallagonius* n.sp., in relation to season. *U. P. J. Zool.*, 12:154-156.
57. **Singh, H.S.** and Singh, K. A new species of the genus *Protrellatus* Farooqui, 1970 (Nematoda: Thelastomidae). *Indian J. Parasit.*, 16: 123-125.

1993

58. **Singh, H.S.** ; Krishna, B.R. and Kumar, K. Effect of starvation on cholesterol profile in fish *Heteropneustes fossilis* (Bloch). *Indian J. Fisheries* 41: 54-56.
59. **Singh, H.S.** and Kumar, K. Effect of short term starvation on ascorbic acid content in liver and muscle of *Heteropneustes fossilis* (Bloch). *Proc. IIIrd Asian Fisheries Forum*, 199-202.

1994

60. **Singh, H.S.** and Agrawal, S. Description and excretory system of *Gyrodactylus neonephrotus malmbergi* n.sp. from *Heteropneustes fossilis* (Bloch). *U. P. J. Zool.*, 14: 45-51.
61. **Singh, H.S.** and Sharma, B. *Clinostomoides pandeyii* n.sp., a rare clinostome metacercaria from *Heteropneustes fossilis* (Bloch). *U. P. J. Zool.*, 14: 91-93.
62. **Singh, H.S.** and Agrawal, S. On three monogeneans from Meerut. *Dr. C. B. Srivastava Comm. Vol.*, 207-217.
63. Pandey, K.C.; **Singh, H.S.** and Kumar, Y. Cranial nerves of *Heteropneustes fossilis* (Bloch). *U. P. J. Zool.* 14:137-142.

1995

64. **Singh, H.S.**; Agrawal, S.; Kumar, K. and Sharma, B. Population dynamics, host specificity, spatial distribution and morphology of *Hamatopeduncularia wallagonius* sp.nov., *U.P. J. Zool.*, 15: 108-116.
65. **Singh, H.S.**; Agrawal, S.; Kumar, K. and Sharma, B. Pathogenecity and chemotherapy of *Gyrodactylus neonephrotus malmbergi* Singh and Agrawal, 1994. *U.P. J. Zool.*, 15: 61-63.
66. **Singh, H.S.**; Agrawal, S. and Sharma, B. Development of *Gyrodactylus neonephrotus malmbergi* Singh and Agrawal, 1994 in relation to host body length. *U.P.J.Zool.*, 15: 75-77.
67. **Singh, H.S.**; Agrawal, S. and Kumar, K. Some ectoparasitic monogenean in freshwater fishes of Meerut. *Indian J. Fisheries*, 42: 70-76.
68. Pandey, K.C.; **Singh, H.S.** and Kumar, Y. Cranial nerves of *Labeo rohita* (Ham.) *U. P. J. Zoology*, 15: 199-203.
69. **Singh, H.S.**; Agrawal, S.; Kumar, K.; Sharma, B. and Vibha. Site selection and frequency distribution of *Gyrodactylus neonephrotusmalmbergi* Singh and Agrawal, 1994. *U.P. J. Zool.*, 15; 189 - 193.

70. **Singh, H.S.** and Sharma, B. Two new caryophyllaeids from *Heteropneustes fossilis* Bloch at Meerut. *Bull. Assoc. of Zoologists*, 2: 11-16.

1996

71. **Singh, H.S.**; Kumar, K. and Mohan, P.K. Effect of starvation on muscle inorganic constituents in *Heteropneustes fossilis* Bl. *Adv. Bios.* , 15: 41-48.
72. **Singh, H.S.**; Agrawal, S.; Kumar K. and Vibha. Two new species of the genus *Paramazocraes* Tripathi, 1959, from a freshwater fish, *Sciana coitor* (Ham.) *U. P. J. Zool*, 16:31-35.
73. Pandey, K.C.; **Singh, H.S.** and Kumar, Y. The cranial nerves of *Mastacembalus armatus* (Lac.) *Flora and Fauna*, 1: 145-148.
74. Pandey, K.C. ; **Singh, H.S.** and Kumar, Y. Further observation on basic design of brain pattern in some teleosts. *U. P. J. Zoology*, 16: 49-53.
75. **Singh, H.S.** and Vibha. Biochemical profile of two different species of *Gyrodactylus* Nordmann, 1832 collected from different hosts. *U. P. J. Zool*, 16: 148-150.

1997

76. **Singh, H.S.**; Agrawal, S; Kumar, K. and Vibha. On three ectoparasitic monogeneans in fresh water fishes of Meerut. *Indian J. Fish*, 44: 309-317.
77. **Singh, H.S.** and Agrawal A. On a new nematode *Schwenkiella orientalis* n.sp., from *Periplaneta americana* Linn. *U.P.J. Zoology*, 17: 123-126.
78. **Singh, H.S.** and Agrawal, A. On two new insect parasitic nematodes of family: Rhigionematidae Artigas, 1930 at Meerut. *Ind. J. Helminth. (n.s.)* 14: 13-17.

1998

79. **Singh, H.S.** and Agrawal, A. Further observation on *Hammerschmidtella diesingi* Chitwood, 1932, with a note on early embryonic development and validity of various species of the genus. *U. P. J. Zool*, 18: 27-36.
80. **Singh, H.S.** and Panwar, N. Bionomics of some aquatic snails of Meerut. *U. P. J. Zool*, 18: 77-79.
81. **Singh, H.S.**; Agrawal, A. and Anuradha, R.L. Morphology and biochemistry of an acanthocephalan, *Serrasentis indicus* sp. Nov. *J. Parasit. & Appl. Anim. Biology*, 7, 73-81.

1999

82. **Singh, H.S.**; Vibha and Agrawal, A. *Cosmetocleithrum orientalis* n.sp., a monogenean gill parasite of Indian freshwater fish, *Wallago attu* (Bloch.). *J. Exp. Zool India*, 2: 97-100.
83. **Singh, H.S.** and Agrawal, A. Some developmental stages in the life cycle of *Centrorhynchus* Luhe, 1911 (Acanthocephala: Centrorhyncidae). *Rivista di Parasitologia XVI (LX)*:131-139.
84. **Singh, H.S.**; Vibha; Agrawal, A. and Kumar, A. A redescription of *Gyrodactylus hyderabadensis* Venkatanarsaiah, 1979. *Rivista di Parasitologia XVI (LX)* 273-281.

2000

85. **Singh, H.S.**; Yadava S. and Yadava A.K. *Wallagotrema orientalis* n. sp.- a new monogenean from *Wallago attu* Bloch & Schn., with a note on functional and morphological peculiarities of its haptor. *Proc. zool. Soc. Calcutta*, 53: 60-64.

86. Pandey, K.C; **Singh, H.S.** and Kumar, Y. Correlation of habits and habitat with brain and cranial nerves in some freshwater teleosts : A review. *U. P. J. Zool*, 20: 7-12.
87. **Singh, H.S.**; Sharma, B. and Rastogi, P. *Lucknowia ovocompactum* n. sp. (Cestoda) from the catfish, *Heteropneustes fossilis* (Bloch). *J. Exp. Zool. India* 4: 25-28.
88. **Singh, H.S.** and Rastogi, P. Status of *Paradactylogyrus* Thaper, 1948 (Dactylogyridae) with description of a new species from freshwater fish of Meerut. *Journal of Parasitic Diseases*, 24: 151- 155

2001

89. **Singh, H.S.**; Kumar, Y; Panwar, A. and Malti. Brain morphometry of some freshwater teleosts. *J. Exp. Zool. India* 4: 183-190.
90. **Singh, H.S.**; Sharma, B.; Panwar, A and Rastogi, P. Physiopathology of three Caryophyllaeids in stinging cat fish, *Heteropneustes fossilis* (Bloch). *Rivista di Parasitologia XVIII (LXII)* 21-26.
91. **Singh, H.S.**; Sharma, B. and Rastogi, P. Biochemical profile of three different species of caryophyllaeids. *Proc. of the National Symposium on Fish Health Management and Sustainable Aquaculture* : 187- 190.

2002

92. **Singh, H.S.** and Arya, P.V. Osmotic homeostasis in *Ascaridia* (Schrank, 1788) Freeborn, 1923. *Rivista di Parassitologia, XIX(LXIII)*: 119-126.
93. **Singh, H.S.**; Malti; Arya, P.V. and Kumar, Y. *Echinoparyphium spinosus* n. sp., a new echinostome from *Vanellus spinosus* at Meerut. *J. Exp. Zool. India* 5: 249-252.
94. **Singh, H.S.**; Arya, P.V. and Anuradha. Cryophilic monogeneans of Himachal Pradesh (India). *Rivista di Parasitologia, XIX(LXIII)*: 237-246.
95. **Singh, H.S.**; Kumar, Y. and Panwar, A. Hydrodynamic design of some freshwater teleost I. Caudal fin and aspect ratio. *J. Exp. Zool. India* 5:241-244.
96. **Singh, H.S.**; Kumar, Y. and Panwar, A. Hydrodynamic design of some freshwater teleost II. Stream lined body. *J. Exp. Zool. India* 5:229-232.
97. **Singh, H.S.**; Arya, P.V.; Sharma,V.; Rastogi, R. and Kumar,Y. Study of systematic value of protein Polymorphism in four different species of genus *Channa* Gronovius, 1763. *J. Aqua. Biol.*, 17: 59-62.
98. **Singh, H.S.** and Rastogi, R. Osmotic homeostasis and free amino acids in snake headed murrel, *Channa punctatus* (Bloch). *J. Aqua. Biol.*, 17: 63-65.
99. **Singh, H.S.**; Arya, P.V.; Kumar, A. and Kumar, Y. Effect of exercise on glycogen content in brain of *Channa punctatus* (Bloch). *J. Parasit Appl. Anim. Biol.*, 11: 37-42.

2003

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201. Chaudhary, A.; Molnár, K.; Gupta, A.; Gábor, C.; **Singh, H.S.** and Csaba, S. Redescription of *Henneguya chaudhuryi* (Bajpai & Haldar, 1982) (Myxosporea: Myxobolidae), infecting the gills of the freshwater fish *Channa punctata* (Bloch) (Perciformes: Channidae) in India. *Syst Parasitol* 94: 403-411(DOI 10.1007/s11230-017-9705-9) **(Impact Factor 1.134)**
202. Chaudhary, A.; Verma, C. Tomar, V. and **Singh, H.S.** *Procamallanus spiculogubernaculus* Agarwal, 1958 (Nematoda: Camallanidae) from Stinging catfish, *Heteropneustes fossilis* in India: morphological characterization and molecular data. *Helminthologia*, 54: 68 – 76.
203. Verma, C.; Chaudhary, A. and **Singh, H.S.** Redescription and phylogenetic analyses of *Thaparocleidus gomtius* and *T. Sudhakari* (Monogenea: Dactylogyridae) from *Wallago attu* (Siluriformes: Siluridae) in India. *Helminthologia*, 54: 87 – 96.
204. Shobhna; Jain, S.; **Singh, H.S.** and Verma, M. Molecular variations due to phylogeographic factors in *Channa punctatus* found in different regions of India. *International Journal of Environment, Agriculture and Biotechnology (IJEAB)* 2: 371-374.
205. Chaudhary, A.; Kansal, G.; Singh, N.; Shobhna; Verma, M. and **Singh, H.S.** Molecular identification of *Thelandros scleratus* and *Thelastoma icemi* (Nematoda: Oxyruida) using mitochondrial *cox1* sequences. *Acta Parasitologica*, 62: 382–385 (DOI: 10.1515/ap-2017-0045)
206. Chaudhary, A.; Tripathi, R.; Gupta, A. and **Singh, H.S.** First report on molecular evidence of *Tylodelphys cerebralis* (*Diplostomulum cerebralis*) Chakrabarti, 1968 (Digenea: Diplostomidae) from snakehead fish *Channa punctata*. *Acta Parasitologica*, 62: 386–392
(DOI: 10.1515/ap-2017-0046)
207. Chaudhary A, Gupta S, Tripathi R, **Singh H.S.** Morphological and molecular analyses of *Tylodelphys* spp. metacercaria (Trematoda: Diplostomidae) from the vitreous humour of two freshwater fish species, *Channa gachua*

- (Ham.) and *Puntius sophore* (Ham.). *Veterinary Parasitology* 244:64-70. **(IF: 2.278)**
208. Chaudhary A, Gupta S, Verma C, Tripathi R, **Singh H.S.** Morphological and molecular characterization of metacercaria of *Tyloodelphys* (Digenea: Diplostomidae) from the piscine host, *Mystus tengara* from India. *Journal of Parasitology* 103:565-573. **(IF: 1.326)**
209. Verma C, Chaudhary A, **Singh H.S.** Redescription of two species of *Thaparocleidus* (Monogenea: Dactylogyridae), with the description of *T. armillatus* sp. n. from *Wallago attu* and a phylogenetic analysis based on 18S rDNA sequences. *Acta Parasitologica* 62: 652–665. **(IF: 1.293)**

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210. Chaudhary, A; Goswami,U. ;Gupta, A.; Cech,G.; **Singh,H.S.**; Molnár,K.; Székely,C and Sharma, B. Morphological, histological, and molecular description of *Myxobolus ompok* n. sp. (Myxosporea: Myxobolidae), a kidney myxozoan from Pabdah catfish *Ompok pabda* (Hamilton, 1822)(Siluriformes: Siluridae) in India. *Parasitology Research*, 117:1899–1905 (doi.org/10.1007/s00436-018-5882-y) **(IF: 2.329)**
211. Gupta A, Chaudhary A, Garg A, Verma C, **Singh HS**, Sharma B (2018). First molecular evidence of *Thelohanellus wallagoi* Sarkar, 1985 (Myxozoa) from economically important food fish, freshwater shark *Wallago attu* (Siluridae) in India. *Acta Parasitologica*, 63:647-653. **(IF: 1.160)**
212. Arya, P.V.; Aggarwal V.P. and **Singh H.S.** A review on studies regarding control on monogenean infestation. *International Journal of Scientific Research & Communications (IJSRC)*; 3: 27-34.
213. Arya,P.V. and **Singh H.S.** free amino acid studies in *Acaridia galli* (Schrank,1788) Freeborn,1923. *Journal of Contemporary Research and Communication*,1:41-43.
214. Arya,P.V. and Singh2,H.S.A contemporary synopsis on studies related to control on monogenea through herbal formulations. *Indian Journal of Advanced Research in Society*,3:17-22.

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215. Chaudhary, A.; Amin, O.M and **Singh,H.S.** Molecular characterization and phylogenetic relationship of *Pallisentis* (*Brevitospinus*) *indica* (Acanthocephala: Quadrigyridae), a parasite of spotted snakehead (*Channa punctatus*). *Journal of Parasitology*, 105: 180–185 DOI: 10.1645/18-7 **(IF: 1.326).**
216. Chaudhary,A; Gupta, A.; Goswami, U.;Cech, A.;Molnár, A.; **Singh, H.S** and Székely, C. Molecular Genetic Studies on *Myxobolus cylindricus* and *Henneguya mystasi*(Myxosporea: Myxobolidae) Infecting Two Indian Fish Species, *Channa gachua* and *Mystus vittatus*, Respectively. *Acta Parasit.*, 64:129-137 DOI 10.2478/s11686-018-00014-8 **(IF : 1.039)**
217. Moravec,F.;Chaudhary,A. and **Singh,H.S.** *Heliconema monoapteri* n. sp. (Nematoda: Physalopteridae)from *Monopteris cuchia* (Hamilton) (Osteichthyes: Synbranchidae) in India,with notes on the taxonomy of *Heliconema* spp. *Helminthologia*,56: XX – XX, DOI 10.2478/helm-2019-0002 **(I.F. 0.678)**
218. Amin,O.M.;Chaudhary, A.; Heckmann,R.;Ha,N.V. and **Singh,H.S.** Redescription and molecular analysis of *Neoechinorhynchus* (*Neoechinorhynchus*) *johnii*

Yamaguti, 1939 (Acanthocephala, Neoechinorhynchidae) from the Pacific Ocean of Vietnam. *Parasite*, 26: 1-16. <https://doi.org/10.1051/parasite/2019041> (I.F. 1.958)

219. Amin, O.M.; Chaudhary, A.; Heckmann, R.A.; Ha, N.V. and **Singh, H.S.** The Morphological and Molecular Description of *Acanthogyrus (Acanthosentis) fusiformis* n. sp. (Acanthocephala: Quadrigyridae) from the Catfish *Arius* sp. (Ariidae) in the Pacific Ocean off Vietnam, with Notes on Zoogeography. *Acta Parasitologica* 64 :779–796 (I.F. 0.968)
220. Chiary, H.R. and Singh, H.S. Comparative studies of Indian (Assam), Chinese, UK's and Iranian *Dactylogyrus lamellatus* Achmerow, 1952 for structural conservedness using Phylogenetic and Molecular analysis inferred from 28rDNA. *International Journal of Life Sciences Research*, 7: 141-147.
221. Verma, C.; Chaudhary, A.; Sharma, B. and **Singh, H.S.** First Report of Molecular Characterization of *Oochoristica hemidactyli* Johri, 1955 (Cestoda, Linstowiidae) from the Common Wall Lizard, *Hemidactylus brooki* Gray, 1845 (Reptilia: Gekkonidae) Along with Morphological Redescription. *Acta Parasitologica* <https://doi.org/10.2478/s11686-019-00129-6> (I.F. 0.968)
222. **Singh, H.S.**; Chiary, H.R.; Chaudhary, A. Monogenean fauna of Brahmaputra river system. *Indian J. Helminth.* (n.s.) 36&37: 34-50.
223. Arya, P.V. and **Singh, H.S.** Contemporary Immunology Based Innovative Studies Focusing Control and Management of Monogenean Infestations in Fishes. *Indian Journal of Advanced Research in Society*, 4:15-20.
224. Arya, P.V. and Singh, H.S. A Comparative Study of Diversity of freshwater fish parasitic monogenean genus *Mizelleus* (Jain, 1957). *Journal of Contemporary Research and Communications (JCRC)*, 2:23-32
- 2020**
225. Chaudhary, A.; Shinad, K.; Prasad, P.K. and **Singh, H.S.** Phylogenetic position of *Pleurogenoides* species (Plagiorchida: Pleurogenidae) from the duodenum of Indian skipper frog, *Euphlyctis cyanophlyctis* (Amphibia: Dicroglossidae) inhabiting the Western Ghats, India. *Heminthologia*, 57: 71 – 77.
226. Chaudhary, A.; Amin, O.M.; Heckmann, R. and **Singh, H.S.** The Molecular Phylogeny of *Pararhadinorhynchus magnus* Ha, Amin, Ngo, Heckmann, 2018 (Acanthocephala: Rhadinorhynchidae) from *Scatophagus argus* (Linn.) (Scatophagidae) in Vietnam. *Acta Parasitologica* (doi.org/10.2478/s11686-020-00191-5)
227. Chaudhary, A.; Amin, O.M.; Heckmann, R. and Singh, H.S. The molecular profile of *Rhadinorhynchus dorsoventrospinosus* Amin, Hickman and Ha, 2011 (Acanthocephala: Rhadinorhynchidae) from Vietnam. *Journal of Parasitology*, 106: 418–427.
228. Garg, A.; Chaudhary, A.; Gupta, A.; Kumar, A.; Sharma, B. and Singh, H.S. Molecular characterization of two Myxosporean species, *Henneguiella namae* Haldar et al., 1983 and *Myxobolus sophorae* Jayesri, 1982 (Myxosporea : Myxobolidae). *Acta Protozool.*, 59:39-53.

**LIST OF BOOKS PUBLISHED BY
PROF. H. S. SINGH**

Ex -PRO- VICE CHANCELLOR & PROFESSOR, CH. CHARAN SINGH UNIVERSITY,
MEERUT

1. Parasitology (Medical Zoology)
ISBN-978-93-5078-087-9 YEAR- 2015-16
Rastogi Publications, Meerut
2. Higher Invertebrates (Non Chordates)
ISBN- YEAR- 2002
JBD Book Distributors, New Delhi
3. Modern Text Book of Zoology: Vertebrates
By- RL Kotpal (**Improved & edited by Prof. H. S. Singh**)
ISBN- 81-7133-713-9 YEAR- 2004-2005
Rastogi Publications, Meerut
4. प्राणियों की विविधता एवं विकास
By- RL Kotpal & **H. S. Singh**
Title code no.- Z-45 YEAR- 2006-07
रस्तोगी पब्लिकेशन, मेरठ
5. अकशेरुकी संरचना एवं कार्य
By- RL Kotpal & **H. S. Singh**
Title code no.- Z-46 YEAR- 2006-07
रस्तोगी पब्लिकेशन, मेरठ
6. कशेरुकी संरचना एवं कार्य
By- RL Kotpal & **H. S. Singh**
Title code no.- Z-64 YEAR- 2006-07
रस्तोगी पब्लिकेशन, मेरठ
7. **A TEXTBOOK ON MEDICAL DIAGNOSTICS**
By- Chairy, H.R.; Rajvanshi, S and Singh, H.S. YEAR- 2019-09-07
I.K. INTERNATIONAL PUBLISHING HOUSE PVT.LTD
ISBN: 9789385909788

**LIST OF CANDIDATES AND THEIR TITLES OF M. Phil. THESES
SUPERVISED AND GUIDED BY
PROF. H. S. SINGH**

Ex-PRO- VICE CHANCELLOR & PROFESSOR, CH. CHARAN SINGH UNIVERSITY,
MEERUT

1. Hardeep Kaur - Studies on nematode parasites on Indian cockroach, *Periplaneta americana* L., at Meerut.
2. V. Sujatha - Studies on monogeneans of some fresh water siluroids at Meerut.
3. K. Ravi Shanker - Studies on olfactory organs of some fresh water teleosts.
4. Madhu Chauhan - Morphology and physiopathology of stregeid metacercaria.
5. Ratika Bhati - Remarks on Indian acanthocephala.
6. Prabhjot Sandhu - Some observation on metacestode (*Hydetigera balaniceps*) from rats at Meerut.
7. B. Lakshmi Kumari - Studies on some ectoparasites of fresh water fishes of Meerut.
8. S. N. Shastri - Remarks on some monogenean (*Bifurcohaptor* Jain, 1958).
9. Kiran Singh - Studies on nematode parasites of some common insects.
10. Meena Sharma - Studies on some monogeneans from fresh water fish, *Wallago attu* (Bloch & Schn.) at Meerut.
11. Saket Shukla - Studies on neurosecretory cells in some trematodes.
12. Kapil Kumar - Effect of starvation on fresh water stinging cat fish, *Heteropneustes fossilis* (Bloch).
13. Alka Bajaj - On some fresh water monogeneans.
14. Anshu Verma - Effect of starvation on green snake head murrel, *Channa punctatus* (Bl.).
15. Nidhi Gupta - Effect of starvation on erythrocyte and erythropoiesis in the fish, *Heteropneustes fossilis* (Bloch.).
16. Shilpi Agrawal - On a fresh water monogenean (*Hamatopeduncularia* Yamaguti, 1953).
17. Anuradha Raj Laxmi - Morphology and biochemistry of an acanthocephalan (*Serrasentis indicus* sp. Nov.).
18. Rachna Tyagi - Some developmental stages in the life cycle of *Centrorhynchus* Luhe, 1911 (Acanthocephala centrorhynchidae).

19. Sanjay Kumar Tyagi - Variation in glycogen content in brain of *Heteropneustes fossilis* (Bl.)
20. Seema Yadava - Review of the genus *Wallagotrema* Tripathi, 1959.
21. Vibha - Eggs of some fresh water Indian monogeneans.
22. Anshu Chauhan - Morphometric and allometric variations in various species of the genus *Hammerschmidtella* Chitwood, 1932.
23. Poonam Tyagi - Further observation on a metacestode (*Hydetigera balaniceps*) from Albino rats.
24. Preeti Sharma - Pathophysiology of *Hydetigera balaniceps* from albino rats.
25. Ashok Kumar - Ixodid ticks of domestic animals at Meerut.
26. Anukampa Ritu - Hydrodynamic design of some fresh water teleosts I. Stream lined bodies.
27. Seema Garg - Hydrodynamic design of some fresh water teleosts II. Caudal fin and aspect ratio.
28. Balarama Krishna - Stress and cholesterol profile in the fish *Heteropneustes fossilis* (BL.).
29. P. K. Mohan - Effect of starvation on muscle inorganic constituents in fish *Heteropneustis fossilis* (Bloch).
30. Arun Kumar - Monogenea a biological hazard for fish: a review.
31. Farooq Ahmad - Head organ pattern in fresh water monogeneans: a review.
32. Alka Upadhyay - Some new *Dactylogyrus* (Monogenoidea: Dactylogyridae), from cyprinid fishes with synopsis of those found on Indian freshwater fishes.
33. Poonam Singh - Revision of the genus *Thaparocleidus* Jain, 1952 (Tetraonchinae) with the description of *T. indicus* n.sp.
34. Malti - Brain morphometry of some freshwater fishes.
35. Mustaj Ahmad - Study of Helminth fauna of *Channa punctatus* (Bloch) at Meerut.
36. Indu Sharma - Anatomical heterogeneity in white and dark muscles of some freshwater teleosts.
37. Neelam Tyagi - Human Ascariasis- epidemiology, structure and antigens characterization of *Ascaris lumbricoides*.
38. Priyavrat Arya - Osmotic homeostasis in *Ascaridia galli* (Schrank, 1788) Freeborn, 1923
39. Punita Gupta - Tick fauna of domestic animals of Western U.P.
40. Rakhee Rastogi - Studies on free amino acids in the muscle of *Channa punctatus* (Bloch).
41. Ashok Kumar - Effect of exercise on glycogen content in brain of *Channa punctatus* (Bloch).
42. Neeraj Kumar - Helminth fauna of wall lizards of Meerut.

43. Rajeev Kumar - Biodiversity of Intra- intestinal parasitic nematodes of goat.
44. Anuradha - Cryophilic monogeneans of Himachal Pradesh.
45. Vibhuti Sharma - Study of systematic value of protein polymorphis in four different species of the genus *Channa* Gronovius, 1763.
46. Vivek Kumar - Fish culture practice in western Uttar Pradesh: Problems and prospects.
47. Shivani - Study of hemocytes of *Periplaneta Americana* Linn.
48. Ankja - Parasite-host interaction of monogeneans: a review.
49. Anuradha - A report on red sore disease of snake headed murrel, *Channa punctatus* (Bloch).
50. Swati Goel - Studies on Phthirapteran ectoparasites infesting poultry birds, *Gallus gallus domesticus* of Meerut.
51. Neha Rastogi - Study of correlation between oral contraceptive and parasitic infection in Meerut region.
52. Neetu Sirohi - Actinosporean stage (Myxozoa) from freshwaters of India.
53. Sangeeta Pal - Male copulatory complex in genus *Dactylogyrus* Diesing, 1850, from India.
54. Nitin Gautam - Pathological and histopathological studies of swim bladder of freshwater major carp, *Labeo rohita* (Ham.) infected by a larval camallanid nematode.
55. Anil Kumar - Studies on allelic frequencies of some phenotypic Traits in different human population of Meerut city.
56. Kiran Singh - Cytotaxonomy of *Thelandros* Wedl, 1861.
57. Ekta Verma - A checklist of freshwater monogeneans of India.
58. Monika Gill - Chaetotaxy observations of some Phthirapteran ectoparasites infesting *Gallus gallus domesticus*.
59. Vibhuti Gupta - Nematode parasite of some common insects of Kurja.
60. Neetu Chowdhary - Ultrastructure of the body wall of *Philometra Abdominalis* Nybelin, 1928 (Nematoda: Dracunculoidea).
61. Garima Pundir - Review of the genus *Dactylogyroides* Gussev, 1963 with a remark on Indian species.
62. Beer Singh - Studies on some parasitic crustaceans of freshwater fishes of Saharanpur.
63. Anshu Chaudhary - Pathogens of *Clarias gariepinus*: A review.
64. Dheer Pal Singh - A review of the nematodes reported from *Gryllotalpa orientalis* (=africana) Burmeister in India.
65. Anu Mohini - Nematodes parasitic in *Periplaneta americana* in India: a review.

66. Mamta - Postmortal changes in *Clarias gariepinus* (Burchell, 1822).
67. Neetu Singh - Review of the genus *Steinernema* Travassos, 1927. (Nematoda: Steinernematidae).
68. Tanuja Choudhary - The life cycle of *Gregarina* Dufour, 1828 (Protists: Apicomplexa: Eugregarionida: Gregarinidae) in the cockroach, *Periplanta americana* Linn. (Dictyoptera: Blattellidae).
69. Richa Agrawal - Freshwater Oligochaetes of India: A review.
70. Neetu Singh - Further observation of the genus *Dactylogyroides* Gussev, 1963.
71. Haren Ram Chiary - Monogenean Fauna of Brahmaputra River System.
72. Garima Kansal - Ectoparasites of broiler chicken in Meerut.
73. Sangeeta - Further observation of *Thelandros scleratus* Travassos, 1925 based on 28S rDNA.
74. Shobhna - Molecular biological comparison of various species of the genus *Thaparocleidus* Jain, 1952 using gene bank data.
75. Gopal Chandra - Molecular characterization of larval cestodes from the liver of rats at Meerut.
76. Sarita Kumari - Morphometric and molecular characterization of *Thelandros scleratus* Travassos, 1923 (Nematoda, Pharyngodonidae).
77. Chandni Verma - Molecular and morphological characterization of *Thaparocleidus wallagonius* Jain, 1952, with an analysis of the secondary structure of 28S rRNA gene and its phylogenetic implications.
78. Sudhir Kumar - Statistical analysis for discriminating among seventeen species of *Thaparocleidus* (Monogenea based on morphometric characters
79. Anupama - Animal origin medicines used in Ayurvedic system: A review.
80. Abhishek Gupta - Discrimination of various species of the genus *Bifurcophaptor* (Monogenea), using statistical tool applied to morphometric data.
81. Ashwani Kumar - Comparative studies on a Paramphistome of *Capra hircus*, (indigenous and exotic breed) of middle Gangetic plain
82. Urvashi Goswami - Morphological and molecular biological characterization of two nematodes from *Hemidactylus brooki* in Meerut region.
83. Shivali Mukut - Morphological and molecular biological analyses of some trematode parasites of freshwater fishes of Meerut

84. Shivi Gupta - Morphological and molecular characterization of *Tylodelphys* sp (Digenea: Diplostomidae) from Meerut region
85. Deepa - Structural and molecular phylogenetic analyses of monogeneans (Platyhelminthes : Dactylogyridae) parasitizing the elongate glass – Perchlet, *Chanda nama* (Perciformes : Ambassidae)
86. Kalpna - Morphological and molecular characterization of monogenean, Infecting non-native angle fish, *Pterophullum scalare* (Perciformes: Chichlids)
87. Komal - Morphological and Molecular study of a rare, trematode *Encyclometra columbbrimurorum* (Rudolphi,1819)Dollfus,1929 (Digenea: Encyclometridae).
88. Deepanjali Nagar - Taxonomic study of metacestode, *Taenia taeniaeformis* from rat and their zoonotic importance: Morphological and Molecular study
89. Hiba Rizvi - Reappraisal of *Pallisentis* (*Brevitritospinus*) *indica* (Acanthocephala:Quadrigyridae),A parasite of snake headed Murrel, *Channa punctata* Bloch

**LIST OF CANDIDATES AND THEIR TITLES OF Ph. D. THESES
SUPERVISED AND GUIDED BY
PROF. H. S. SINGH**

Ex-PRO- VICE CHANCELLOR & PROFESSOR, CH. CHARAN SINGH UNIVERSITY,
MEERUT

1. Mr. Yogeshwar Shukla -Histopathological and histochemical studies on lesions induced by chemical carcinogens and co-carcinogens in experimental animals.
2. Mr. D.Prakash - Studies on socio-economic impact of dracunculosis in Rajasthan and to develop an integrated vector management programme.
3. Mr.T.V.Reddy - Studies on the effect of stress on certain blood parameters of fish, *Heteropneustes fossilis* (Bloch).
4. Ms. Amita Jain - Studies on helminth parasites of amphibians with special reference to their effect on haematology of the host.
5. Mr. Kapil Kumar - Effect of starvation on fresh water stinging cat fish. *Heteropneustes fossilis* (Bloch).
6. Ms. Shilpi Agrawal - Studies on some fresh water monogeneans.
7. Ms. Surinder Virk - Effect of some metals on the survival and biochemical changes in liver and gonad of an exotic carp, *Cyprinus carpio* Linn.
8. Mr. Yougesh Kumar - Studies on the cranial nerves of some fishes.
9. Mr. Saket Shukla - Studies on nematode parasites of some common arthropods of Meerut.
10. Ms. Bindu Sharma - Morphology, population dynamics, biochemistry and physio-pathology of caryophyllaeids of stinging cat fish, *Heteropneustes fossilis* (Bloch).
11. Ms. Vibha Gupta - Studies on parasitic monogeneans in freshwater fishes of Western U.P.
12. Mr. Shivendra Pratap Singh- Haematological investigations of the effect of Anticholinesterases, malathion and dimecron on a siluroid fish, *Clarias batrachus* (Linn.).
13. Ms. Anshu - Studies on some insect parasitic nematodes of western U. P.
14. Mr. Faiz Ahmad Khan - Developmental biology and immunological studies of filarial nematode *Setaria cervi*
15. Ms. Pragati Rastogi - Studies on morphology of some freshwater monogeneans of Meerut.
16. Ms. Malti - Studies on morphology and cytotaxonomy of some insect parasitic nematodes of Meerut.
17. Arun Kumar - Studies on some freshwater Indian monogenea.
18. Privrat Arya - Biology of freshwater monogenean , *Mizellius* Jain, 1957

19. Anju Panwar - Studies on lymphoid organs of some fresh water cat fishes.
20. Vivek Kumar - Studies on freshwater monogeneans of district Saharanpur.
21. Vibhuti Sharma - Studies on monogenean parasites in Exotic fishes raised in Meerut.
22. Rakhi Rastogi - Studies on monogeneans of Aquarium fishes
23. Vinod Kumar - Studies on root-knot nematode (*Meloidogyne incognita*) and reniform nematode (*Rotylenchulus reniformis*) on Cowpea, *Vigna unguiculata*.
24. Neeraj Kumar - Epidemiology of tuberculosis in urban and rural populations of District Meerut.
25. Anshu Chaudhary - Taxonominc evaluation of some ancyrocephalid monogenean parasites of freshwater fishes.
26. Anil Kumar - Studies on oxidative stress and DNA repair genes polymorphism in head and neck squamous cell carcinoma (HNSCC).
27. Sangeeta Pal - Taxonomic evaluation of some nematode parasites of *Periplaneta americana*
28. Neetu Singh - Taxonomy and morphology of nematode parasites of *Gryllotalpa africana* at Meerut
29. Ms Shobhna - DNA quantification and molecular characterization of *Clarias garipinus*, *C. batrachus* and other hybrids
30. Chandni Verma - Taxonomy of Monogenean parasites of the Gangetic freshwater shark, *Wallago attu* (Bloch and Schn.)
31. Garima Kansal - Morphological and molecular characterization of Nematodes of fishes in Meerut.
32. Anupama (S) -
33. Neha Bisht (S) - Isolation and characterization of lactic acid bacteria From milk and milk products and their applications In preparation of yoghurt.

**DETAILS OF THE RESEARCH PROJECTS HANDLED BY
PROF. H. S. SINGH**

Ex-PRO- VICE CHANCELLOR & PROFESSOR, CH. CHARAN SINGH UNIVERSITY,
MEERUT

Agency	Project number	Title	Duration	Amount
1. UGC	F26-1(1775)/B-5 SR-IV	Physiopathology of some freshwater fishes infected with cestodes in Meerut region	Dec 1985 to Dec 1987	0.08L
2. SCST	CST/SIRPD-765/ Zool.488	Studies on the effect of certain stress on the blood parameters of <i>Heteropneustes fossilis</i>	Feb 1989 to Feb 1991	0.43 L
3. CSIR	37(0819)/93/ EMR-II	Monogenoidosis in fish culture ponds of Meerut	May 1993 to May 1996	2.06 L
4. DST	SP/SO/C-13/97	Biochemical taxonomy of closely related freshwater monogeneans	Feb 1998 to Feb 2001	14.18L
5. UGC	F-3-31-97(SR-II)	Pathology and chemotherapy of monogenoidosis in freshwater fishes of Meerut	Jan 1998 to Jan 2001	2.08L
6. CSIR	37(1073)/01/EMR-II	Argentophilic papillae and associated glands in some freshwater Indian ancyrocephalians	Apr 2001 to Mar 2004	5.18L
7. UGC	F 3-34/2002 (SR-II)	The study of anthropogenic environmental changes on ectoparasitic monogeneans of freshwater fishes of river Kali	Apr 2002 to Mar 2005	4.20L
8. ICAR		Studies on monogeneans of exotic fishes	Mar 2002 to Feb 2005	34.75L
9. DST	SR/SO/A543/2005	Taxonomic evaluation of endemic monogenean parasites of freshwater fishes”	Jan 2008 to Dec 11	32.00L
10. UGC	F 40-406/2011	Molecular characterization of nematode parasites of <i>Gryllotalpa africana</i> at Meerut	Aug 2011 to Jul 2014	5.86 L
11. UP Govt.	1486/SATTAR-4-2011	Taxonomy of Fish Helminths	Aug 2011 to Jul 2013	65.68L