



Faculty Details proforma for DU Web-site

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cc: director@ducc.du.ac.in)

Title	Dr	First Name	Ram Krishan	Last Name	Negi	Photograph
Designation	Associate Professor					
Address	Department of Zoology, University of Delhi, Delhi-110007					
Phone No Office	9837349206					
Residence						
Mobile	8800209901					
Email	negi_gkv@rediffmail.com, negigurukul@gmail.com					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
UG	Himachal Pradesh University, Shimla, India				1994	
PG	Panjab University, Chandigarh, India				1996	
Ph.D	Panjab University, Chandigarh, India				2001	
Career Profile						
<ul style="list-style-type: none"> ➤ Worked as an Assistant Professor in Department of Zoology and Environmental Science at Gurukula Kangri University, Haridwar ➤ Joined as Associate Professor in Department of Zoology, University of Delhi, Delhi in 2015. 						
Administrative Assignments						
I was appointed as Co-coordinator NSS Unit and Program Officer NSS Unit-II at Gurukula Kangri University, Haridwar from April 2013 to July 2015.						
Areas of Interest / Specialization						
➤ Fish and Fisheries/ Aquatic Biodiversity/ Fish Genomics/Metagenomics						
Subjects Taught						
Principles of Ecology Animal Behavior Evolution and Functional Anatomy of Fish Aquatic Resources and their conservation						
Research Guidance						
Students Awarded Ph. D Thesis 07 Currently working Ph. D students 06 M.Phil. 02 M.Phil. Reg. 01						
Publications Profile						

A. Research Publications

1. Johal, M.S., **NEGI, R. K.** and Negi Tarana 2003. Age and growth of golden mahseer *Tor putitora* (Ham.) from Pongdam reservoir, H.P., India. *Him. J. Env. Zool.* **17**(1): 17-29
2. Johal, M.S., **NEGI, R. K.** and Negi Tarana 2003. Morphometric and meristic characters of golden mahseer *Tor putitora* (Ham.) from Pongdam reservoir, H.P., India. *Him. J. Env. Zool.* **17**(2): 101-106.
3. Johal, M.S., Braich, O.S. and **NEGI, R. K.** and Rawal, Y.K. 2003. Economic evaluation of Pongdam reservoir situated on the river Beas, Himachal Pradesh, *Pb. Fish Bull.* **23**: 5-11.
4. Johal, M.S. and **NEGI, R. K.** 2003. Food and feeding habit of different size groups of golden mahseer *Tor putitora* (Ham.) from Pongdam reservoir, Himachal Pradesh. *Pb. Univ. Res, J. (Sci.)* **53**: 49-56.
5. Johal, M.S. and **NEGI, R. K.** 2003. Maturity, fecundity and sex ratio of an endangered fish golden mahseer *Tor putitora* (Ham.) from Pongdam reservoir, Himachal Pradesh. *Pb. Univ. Res, J. (Sci.)* **53**: 57-65.
6. Johal, M.S., **NEGI, R. K.** and Negi Tarana 2004. Diversity of phytoplankton and zooplankton of Pong wetland H.P., India. *Him. J. Env. Zool.* **18**(2): 159-163.
7. **NEGI, R. K.**, and Johal, M. S. 2005. Ichthyofaunal diversity of Pong dam reservoir in H.P., India. *Him. J. Env. Zool.* **19**(2): 219-222.
8. Johal, M.S., **NEGI, R. K.** and Singh, O. 2005. Length-weight relationship of golden mahseer *Tor putitora* (Ham.) from Pong dam reservoir. H.P. *Uttar Pradesh J. Zool.* **25**(1): 85-88.
9. **NEGI, R. K.**, Johal, M.S. and Negi, Tarana. 2006. Study of the physico-chemical parameters of water of Pong dam reservoir H.P. A: Ramsar site. *Him. J. Env. Zool.* **20**(2): 247-251.
10. **NEGI, R. K.** and Joshi, P. C. 2006. Foraging behavior of *Apis mellifera* L. (Hymenoptera: Apidae) on *Brassica juncea*. *Entomon.* **31**(2): 145-148.
11. **NEGI, R. K.**, Sharma, A. and Panwar, S. 2007. Characterization of liquid and solid waste of pulp and paper industries. *Him J. Env. Zool.* **21**(1): 151-156.
12. **NEGI, R. K.**, Pathak, C. and Sankar, K. 2007. Preliminary study on heavy metals concentration in vegetables, soil and water samples of Dehradun city. *Him. J. Env. Zool.* **21**(2): 227-233.
13. Joshi, P.C., Negi Tarana and **NEGI, R. K.** 2007. Seasonal variation in benthic macro-invertebrates and their correlation with the environmental variables in Hinval freshwater stream in Garhwal region (India). *Life Science J.* **4**(4): 85-89.
14. **NEGI, R. K.**, Negi, Tarana and Joshi, P.C. 2008. Study on the physico-chemical parameters of Hinval freshwater stream and Ganga river at Garhwal region. *J. Env. Bio-sci.* **22**(2): 203-212.
15. **NEGI, R. K.**, Kumar, N. and Tyagi, V.V. 2009. Study on some selected physico-chemical

- parameters of effluents of Star pulp and paper mill Saharanpur. *J. Env. Bio-Sci.* **23**(2): 197-200.
16. **NEGI, R. K.** and Negi Tarana 2009. Length-weight relationship of *Puntius conchoni* (Ham.) from the lakes of Kumaon region. *Pb. Univ. Res. J. (Sci.)* **59**: 71-75.
 17. **NEGI, R. K.**, Thakur, C. S. and Kumar, P. 2009. Fish diversity in glacial and spring fed water bodies of Champawat district in the Kumaon region of Uttarakhand State, India. *J. Sustainability science and management* **4**(2): 1-8.
 18. Rajput, V. and **NEGI, R. K.** 2009. Pisci-fauna of district Almora, Uttarakhand. *J. Flora and Fauna* **15**(2): 317-320.
 19. Rajput, V., Jong, T.F. and **NEGI, R. K.** 2009. Hydrological study of Naini lake (Nainital), India. *J. Flora and Fauna* **15**(1): 83-86.
 20. **NEGI, R. K.**, Joshi, P.C and Negi, Tarana. 2010. Fish community structure and habitat preference in Hinval freshwater stream of Garhwal Himalayas, India. *J. Environmental Science and Engineering* **4**(5): 49-52.
 21. **NEGI, R. K.** and Negi, Tarana. 2010. Assemblage structure of stream fishes in the districts of Almora at Kumaon region. *Life Science J.* **7**(1): 9-13.
 22. **NEGI, R. K.** and Negi, Tarana. 2010. Analysis of morphometric characters of *Schizothorax richardsonii* (Gray,1832) From the Uttarkashi District of Uttarakhand State, India. *J. Biological Sciences* **10**(6): 536-540.
 23. **NEGI, R. K.**, Johal, M.S. and Rawal, Y.K. 2010. Use of ultrastructure of the scale of hillstream fish, *Schistura montanus* (McClelland) as new taxonomic tool. *J. Bioscan* **5**(3): 395- 397.
 24. **NEGI, R. K.** and Negi, Tarana 2010. Diversity of zooplankton in the Hinval freshwater stream at Shivpuri (Garhwal region), Uttarakhand. *J. Env. Bio-Sci.* **24**(2): 167-169.
 25. **NEGI, R. K.** and Negi, Tarana 2010. Length-weight relationship of *Schizothorax richardsonii* from Uttarkashi district of Uttarakhand state. *Uttar Pradesh J. Zoology* **30**(3): 359-363
 26. Vishal Rajput and **NEGI, R. K.** 2011. Comparative study on gross primary productivity and net primary productivity of Nainital and Bhimtal lakes of Kumaon Himalaya of Uttarakhand, India. *J. Env.Bio-Sci.* **25**(2): 353-356.
 27. **NEGI, R. K.** and Mamgain, S. 2011. Energy dispersive X-ray microanalysis (EDX) of scale of *Schistura montanus* (McClelland,1838). *Int. J. The Bioscan* **6**(3): 403-404.
 28. **NEGI, R. K.** and Rajput, A. 2011. Diversity of phytoplankton in the streams of Kumaon Himalaya. *Int. J. The Ecoscan* **5**(1&2): 15-19.
 29. **NEGI, R.K.** and Vishal Rajput 2012. Fish Diversity in Two Lakes of Kumaon Himalaya Uttarakhand, India. *Research J. Biology* **2**(5): 157-161.
 30. **NEGI, R.K.**, Joshi, P.C. and Negi, Tarana. 2012. Seasonal variation and species composition of phytoplankton in Ganga river and its tributaries at Garhwal region, Uttarakhand, India. *Int. J. Zoology and research* **2**(2): 19-30.
 31. **NEGI, R.K.**, Kaushik, A. and Raza, K.. 2012. Fish scale as reliable tool for the species identification by using SEM. *J. Env. Bio-Sci.* **26**(2): 153-155.

32. **NEGI, R.K.**, Jauhri, T and Adil 2013. Fish scale as a reliable tool for RAPD studies. *Novus International J. Biotech. and Bio-Science* **2**(1): 1-6.
33. **NEGI, R. K.** and Mamgain, S. 2013. Zooplankton diversity of Tons river of Uttarakhand State India. *Int. J. Zoology and Research* **3**(2): 1-8.
34. **NEGI, R.K.** and Mamgain, S. 2013. Seasonal variation of benthic macro invertebrate from Tons river of Garhwal Himalaya Uttarakhand. *Pakistan J. Biological Sciences* **16**(22): 1510-1516.
35. **NEGI, R. K.** and Mamgain, S. 2013. Species diversity, abundance and distribution of fish community and conservation status of Tons river of Uttarakhand State, India. *J. Fisheries and Aquatic Sciences* **8**(5): 617-626.
36. **NEGI, R.K.** and Rajput, V. 2013. Diversity of phytoplankton in relation to different environmental variables in Bhimtal Lake of Kumaon Himalaya of Uttarakhand State, India. *Int. J. Advance Research* **1**(5): 171-175.
37. **NEGI, R. K.** and Negi, Tarana. 2013. Scale ultrastructure and EDX analysis of *Barilius bendelisis* using scanning electron microscope. *Novus Natural Science Research* **2**(3): 9-14.
38. **NEGI, R. K.** and Rajput, A. 2013. Impact of pulp and paper mill effluents on the diversity of macro-invertebrate fauna of river Ganga river at Bijnor, UP., India. *Int. J. Applied and Natural Sciences* **2**(5): 91-96.
39. **NEGI, R. K.** 2013. Length -weight Relationship of *Schistura rupecola* (McClelland) from Song River of Garhwal Himalaya of Uttarkhand State, India. *European Academic Research* **1**(9): 2682-2685.
40. **NEGI, R. K.** 2013. Length- weight relationship of *Schistura montanus* from Hinal freshwater stream of Garhwal Himalaya of Uttarkhand State, India. *Int. J. Scientific Research* **2**(12):561.
41. **NEGI, R. K.** and Rajput, A. 2013. Impact of pulp and paper mill effluent on the diversity of Zooplankton in Ganga river water at Bijnor UP, India. *Journal of Biology* **1**(6): 112-117.
42. **NEGI, R.K. and Rajput, A. 2013.** Impact of pulp and paper mill effluents on phytoplankton community structure in Ganga river at Bijnor UP, India. *J. Entoml. and Zoology Studies*. **1**(5): 70-73.
43. **NEGI, R. K.**, Yadav, N. and Vishnoi, V. 2013. Phytoplankton diversity of some selected streams of Dehradun district of Uttarakhand state. *Biolife* **1**(4): 165-170.
44. **NEGI, R. K.** 2013. Length-weight relationship and condition factor of *Labeo rohita* from Bhagwanpur fish pond Roorkee Uttarakhand, India. *Biolife* **1**(4): 170-171.
45. Sheetal Mamgain and **NEGI, R. K.** 2013. Physico-chemical analysis of water of Tons river with in Dehradun district Uttarakhand. *J.Env.Bio-Sci.* **27**(2): 239-242.
46. **NEGI, R.K.** and Rajput,A. 2013. Effect of pulp and paper mill effluents on the physico-chemical of water of Ganga river at Bijnor. *J.Env.Bio-Sci.* **27**(2): 247-252.
47. **NEGI, R. K.** and Sheetal Mamgain 2014. Anthropogenic stress on Tons river within Dehradun district of Uttarkhand state, India. *Int. J. Applied and Natural Sciences* **3**(1): 1-5.
48. **NEGI, R. K.** and Sheetal Mamgain 2014. Geomorphological features of Tons river of Uttarakhand State, India. *Singapore J. Scientific research* **4**(1): 9-14.
49. **NEGI, R. K.** and Pooja Tyagi 2014. Length-weight relationship of *Schistura savona* (Ham.) from Song river of Garhwal Himalayas of Uttarkhand State, India. *Int. J. Biology and*

50. R. K. Thakur, **NEGI, R. K.** and R.R. 2015. Scanning electron microscopy & EDAX study of scales of genus *Puntius*. *Research & Review J. Zoological Sci.* **3**(2): 25-32.
51. **NEGI, R. K.**, Tyagi, P. and Joshi, Bheem Dutt. 2015. Morphometric Analysis of *Schistura montanus* from the Garhwal and Kumaun regions in Uttarakhand State, India. *World J. Fish and Marine Sciences* **7** (5): 400-403.
52. **NEGI, R. K.**, Maurya, A. 2015. Heavy Metal Concentrations in Tissues of Major Carp and Exotic Carp from Bhagwanpur Fish Pond, India. *J. Fisheries and Aquatic Science* **10**(6): 543-552.
53. **NEGI, R.K.** and Rani, S. 2015. Contamination profile of DDT and HCH in packaged milk samples collected from Haridwar, India. *Int. J. Pure App. Biosci.* **3**(5): 121-127.
54. **NEGI, R.K.** and Joshi, Bheem Dutt 2015. Genetic diversity between populations of the Genus *Schistura* McClelland from the Garhwal and Kumaun region Using RAPD marker, *Biotechnology* **7**(2): 71-79.
55. **NEGI, R. K.**, Joshi, B. D., Johnson, J. A. and Goyal, S.P. 2016. Application of computational methods in fish identification using mt DNA sequences. *Curr. Science* **110**(11): 2172-2176.
56. **NEGI, R.K.**, Joshi, B.D., Johnson, J.A. and Goyal, S.P. 2016. Identifying *Puntius* species using DNA barcodes: Implication in Wildlife forensics *Int.J.Mol. Zool.* **6**(2):1-5. ISSN 1927-534X
57. **NEGI, R.K.**, Joshi Bheem Dutt , Johnson J.A. , Goyal S.P. 2016. Identifying *Puntius* Species Using DNA Barcodes: Implication in Wildlife Forensics . *International Journal of Molecular Zoology.***6**(2):1-6.
58. **NEGI, R.K.**, Joshi, B.D., Johnson, J. A., De Rahul, and Goyal, S.P. 2017. Phylogeography of freshwater fish *Puntius* sophore in India. *Mitochondrial DNA Part A.* **24**:1-13 [http:// dx. doi. org/ 10.1080/24701394.2016.1275598](http://dx.doi.org/10.1080/24701394.2016.1275598), Print ISSN: 2470-1394 Online ISSN: 2470-1408
59. Roshan Kumar, Helianthous Verma, Shazia Haider, Abhay Bajaj, Utkarsh Sood, Kalaiarasan Ponnusamy,, Shekhar Nagar, Mallikarjun N. Shakarad, **Ram Krishan Negi**, Yogendra Singh, J. P. Khurana, Jack A. Gilbert, Rup Lal. 2017. Comparative Genomic Analysis Reveals Habitat-Specific Genes and Regulatory Hubs within the Genus *Novosphingobium*. *mSystems. American Society of Microbiology.* **2** I(3) e00020-17
60. Charu, T., Harshita, M., Himani, K., Vatsala, D., Komal K., **NEGI, R.K.** Lal, Rup 2017. Complete Genome Analysis of *Thermus parvatiensis* and Comparative Genomics of *Thermus* spp. Provide Insights into Genetic Variability and Evolution of Natural Competence as Strategic Survival Attributes. *Frontiers in microbiology*, Doi:10.3389/fmico.2017.01410.
61. Nitish Kumar Mahato, Vipin Gupta, Priya Singh, Rashmi Kumari, Helianthous Verma, Charu Tripathi, Pooja Rani, Anukriti Sharma, Nirjara Singhvi, Utkarsh Sood, Princy Hira, Puneet Kohli, Namita Nayyar, Akshita Puri, Abhay Bajaj, Roshan Kumar, Vivek Negi, Chandni Talwar, Himani Khurana, Shekhar Nagar, Monika Sharma, Harshita Mishra, Amit Kumar Singh, Gauri Dhingra, **Ram Krishan Negi**, Mallikarjun Shakarad, Yogendra Singh and Rup Lal (2017). Microbial taxonomy in the era of OMICS: application of DNA sequences, computational tools and techniques, *Antonie Leewenhoek*, **110**, Issue 10, pp 1357–1371.

Publications in proceedings

62. **NEGI, R. K.** and Singh, O. 1998. Observation on mahseer from Pong reservoir and adjoining streams. Proc. On Indo-US workshop on conservation and development of natural fishery resources of Western Himalayas 93-97 pp organized by department of Zoology, Panjab University, Chandigarh from Dec. 7th -8th , 1998 93-97 pp.
63. **NEGI, R. K.**, Joshi, B. D., Negi, T. and Chand, P. 2007. Study of stream morphology of some selected hill streams of district Nainital with special reference to its biotic communities. In: Proc. of DAE-BRNS National symposium on Limnology(NSL-07),(eds. B.Venkatramani,V. D. Puranik, S. K. Apte,H.N. Gour,L. L. Sharma, S. K. Sharma, V. S. Durve, H. C. C. Gupta, P. C. Verma, B. K. Sharma), pp 288-295.
64. **NEGI, R. K.** 2008. Impact of hydrological projects on the fishery of Pongdam reservoir wetland and Gobindsagar reservoir in Himachal Pradesh (India). Proceeding of Taal 2007: 12th World Lake conference 2001-2008 pp.
65. **NEGI, R. K.** and Fong, T.F. 2009. Ichthyological diversity in the rivers of Uttarakhandi Garhwal Himalaya (Uttarakhand), India. Proc. 2nd National Symposium on Biodiversity: Cell & Molecular Biology organized by Department of Zoology Panjab University, Chandigarh from 1st-2nd March, 2009, 49-50 pp.
66. **NEGI, R. K.** and Rajput, A. 2011. Diversity of phytoplankton in relation to physic-chemical factors of river Ganga at Bijnor, UP. Proc. Advances in natural product in chemistry and sustainable development 277-282 pp organized by Graphic Era University, Dehradun UK from 4-5th June 2011. 277-282 pp.

CHAPTER IN BOOKS

67. Johal, M.S. , Tandon, K.K., Rumana, H.S., Rawal, Y.K., Tyor, A.K., Banyal, H.S., and **NEGI, R. K.** 2002. General ecology of the hill streams of Himachal Pradesh with special reference to fish communities. Advances in Coldwater Fisheries. NRCCWF, Haldwani, 134-152 pp.
68. **NEGI, R. K.**, Negi, T. Mohd., S and Chand, P. 2009. Physical integrity of three selected streams of district Nainital (Uttarakhand) in relation to their fish potential. In: Biodiversity and Environmental Management. (Ed.) B.D. Joshi, C.P. Tripathi and P. C. Joshi., APH publication New Delhi 84-93pp. IBSN: 81-313-0440-2.
69. **NEGI, R. K.** 2012. Impact of migratory birds on the production of fishery composition in Pongdam wetland in Himachal Pradesh (India). In: Frontiers of wetlands Fisheries & Aquaculture research (Ed. Devashish Kar and Anjam Hussain Barbhuiya. Mangalam Publications ISBN: 978-93-81142-99-8 pp 221-231
70. **NEGI, R. K.** and Rajput, V. 2012. Diversity of zooplankton from Nainital and Bhimtal lakes of Kumaon Himalaya Uttarakhand State, India. In: Frontiers of wetlands Fisheries & Aquaculture research, Devashish Kar and Anjam Hussain Barbhuiya ,Mangalam Publications ISBN:978-93-81142-99-8 pp 41-47.

Training Courses Organized

1. 2012: Deputy Coordinator of one week workshop on “Taxonomic keys and identification tools of different groups of flora and fauna” organized by Department of Zoology & Environmental Sciences, G.K.V. Haridwar from 29th October to 3rd November, 2012.
2. 2014: Deputy Coordinator of one week workshop on “Taxonomic keys and identification tools of different groups of flora and fauna including molecular markers” organized by Department of Zoology & Environmental Sciences, G.K.V. Haridwar from 3rd March to 8th March, 2014.

Conference/symposium/seminar attended

1. UGC Workshop on Apiculture operations Organized by Department of Zoology, Panjab University, Chandigarh 3rd -5th March, 1996.
2. All India Congress of Cytology and Genetics Organized by Department of Zoology, Panjab University, Chandigarh, 22nd -25th ,Nov., 1996.
3. Indian Science Congress Association organized by Panjab University, Chandigarh, 11 Nov, 1997.
4. IIIrd Punjab Science Congress and Symposium on 100 years of post Mendelian genetics: Advent of Biotechnology Organized by department of Biotechnology, Panjab University, Chandigarh 10th -12th December, 1999.
5. Indian Society of Fisheries Professional organized by Indian Society of Fisheries Professional Mumbai and Panjab University, Chandigarh 21st -23rd Sep. 2000.
6. XXIV Annual Conference on Electron Microcopy and Allied Field. Organized by Electron Microscopy Society of India and Panjab University, Chandigarh, 9th -11th Feb. 2001.
7. XXV Annual Conference of Electron Microscope & Allied Field organized by Electron Microscope Society Of India and IIT Mumbai, 20th -22nd Feb, 2002.
8. National Seminar on New trend on development on Indian Fisheries organized by Department of Zoology, Panjab University, Chandigarh, 16th -18th Feb., 2005.
9. Second Annual Seminar on Biodiversity of Himalayan State with special reference to Uttarakhand organized by Department of Zoology & Environmental Sciences, Gurukula Kangri University, Hardwar 19th-20th March, 2007.
10. 3rd National Seminar on Status of Biodiversity among the mountainous States of India Organized and presented paper. Dept. of Zoology & Environmental Sciences, Gurukula Kangri University, Hardwar 15th -16th March, 2008.
11. 78th Annual Session of the Academy organized by National Academy of Sciences India at Panjab University, Chandigarh 21st -23rd November, 2008.
12. 18th All India Congress of Zoology & National seminar on current issues on Applied Zoology and Environmental Sciences with reference to (SCIAZE) organized by Department of Zoology Lucknow University, Lucknow, 7th -9th December, 2008.
13. UGC Sponsored 2nd national Symposium on Biodiversity: Cell & Molecular Biology Department of Zoology, Panjab University, Chandigarh, 1st -2nd March, 2009.

14. UGC- SAP sponsored National seminar on Status of Bio-diversity and conservation organized by Department of Zoology & Environmental Sciences, Gurukula Kangri University, Harwar from Feb. 27-28, 2009.
15. National seminar on wetland conservation and management organized by Department of Zoology, Guru Nanak Dev University, Amritsar, 2nd to 3rd Feb., 2010.
16. National symposium on Impact of trends in climate change on biodiversity and faunistic system. Dept. of Zoology & Environmental Sciences, Gurukula Kangri University, Harwar. 19th -20th Feb., 2010.
17. National seminar on Advances in Biological sciences organized by Department of Zoology, Panjab University, Chandigarh, 29th to 30th March, 2010.
18. National seminar –cum-workshop on exploring new vista in biodiversity research for sustainable development at Panjab University, Chandigarh from 22nd January to 24 January, 2011.
19. National seminar on Status of environment and biodiversity: Rio+ 20 and role of space technology organized by Department of Zoology and Environmental Sciences, Gurukula Kangri University, Haridwar 2nd -3rd November, 2012.
20. National seminar on Environmental Issues and Challenges(NSEIC) organized by department of Geography & Zoology, Devta P.G. College Morna, Bijnor U.P. India, from 9th -10th November, 2013.
21. 8th Chandigarh Science Congress organized by Panjab University, Chandigarh from 26-28 Feb. 2014.
22. International symposium on Biodiversity status, utilization and impact of challenging climate conditions organized by Babasaheb Bhimrao Ambedkar University Lucknow, UP from 30-31 October 2014. Rapporteur
23. 10th Uttarakhand state science & technology Congress organized by Uttarakhand State Council for Science & Technology from 10-12 February 2016 Subject expert
24. Golden jubilee celebrations National conference on evolving new horizons of Zoological sciences in human welfare organized by Department of Zoology Kurukshetra University Kurukshetra from November 23-24, 2016. Chaired session
25. Indo-US workshop and international symposium on Biological timing and health issues in the 21st century organized by Department of Zoology, University of Delhi from February 22-24, 2017. Local member of organizing committee.
26. Himachal Pradesh science congress on science & Technology for sustainable livelihood in Indian Himalaya region organized by Himachal Pradesh council for science and technology and environment from 20-21 November 2017. Co-chaired technical session.
27. INSCR international conference(IIC-2017) on role of microbe-plant-animal interaction in human organized by department of zoology, University of Delhi under banner INSCR from 26-28 September 2017. Chaired technical session.

Research Projects (Major Grants/Research Collaboration)

Current Research Projects:” To study the microbial diversity associated with fish gut by using culture –dependent and independent approaches”NBAIM/AMAAS/2017-20.

Research Projects Completed

1. 2012-2015: Principal Investigator of the Project: “Genetic diversity between two populations of genus *Schistura* by using RAPD markers” Sponsored by University Grants Commission New Delhi, India.
2. 2015-16: To find out the intra and inter species variability in the morphology of otoliths of genus *Barilius* from river Beas of Himachal Pradesh Project Investigator Sponsored by Research Council University of Delhi, Delhi from October 2015 to October 2016

Awards and Distinctions

1. 2nd Best poster presentation award on International Symposium of Aquaculture and Fisheries Education at Asian Institute of Technology ,Pathumthani ,Bangkok, Thailand 2009.
2. Awarded Gold medal by Indian Academy of Environmental Science on “International Symposium on “Biodiversity: Status, Utilization and Impact of Challenging Climatic Conditions” to be organized by Babasaheb Bhimrao Ambedkar University (A Central University), in collaboration with Indian Academy of Environmental Sciences, Haridwar, in Lucknow during October 30-31, 2014.
3. International travel grant award by UGC-Unassigned grant to present research paper in International Symposium of Aquaculture and Fisheries Education at Asian Institute of Technology, Pathumthani, Bangkok, Thailand 2009.
4. International travel grant award by DST to present 1st International conference on managing ecosystem health of tropical seas at Putrajaya Marriott Hotel, Malaysia from 19th October to 21st October, 2010.
5. International travel grant award by CSIR to present 9th Asian Fisheries and aquaculture Forum at Shanghai Oceanic University, Shanghai, China from April, 21st to April 25, 2011.
6. Invited and honored for judging Science exhibits in 3rd state level Science Fair, 2007 organized by Govt. of Uttarakhand, State.
7. Invited and honored for judging poster competition of 3rd consecutive year of symposium on Biologic’10 at Beehive College of Advance studies, Dehradun, Uttarakhand in 2010.
8. Invited and honored for Judging oral /Poster presentations of students in First International Conference on Management Ecosystem Health of Tropical seas at Malaysia from 19-10-10 to 21-10-10.
9. Invited and honored for judging Science exhibits in district level Science Fair, 2011 organized by Govt. of Uttarakhand, State at Haridwar.

Fellow of Academies

1. Fellow of Indian Academy of Environmental Science in year 2008

Members of academic committee

Member of RDC of Department
Member of Board of Studies of Science
Member of Academic council

Reviewer of Scientific Journals

1. Asian Fisheries Society
2. Science Alert Journals
3. International Journal of fisheries and aquaculture
4. PLOS
5. Journal of environment and Bioscience

Association With Professional Bodies

Memberships of Academic Societies/Committees

1. Life member of Indian Science Congress
2. Life member of Indian Academy of Environmental Science
3. Life member of Aquatic Biodiversity and Conservation Society
4. Life member of Asian Fisheries Society
5. Member of Aquatic Ecosystem Health and Management Society
6. Annual member of National Institute of Ecology

Academic foreign visits

1. International Symposium on Aquaculture and Fisheries Education, Asian Institute of Technology, Pathumthani, Bangkok, **Thailand** 26th – 30th Nov., 2009.
2. First International conference on managing ecosystem health of tropical seas at Putrajaya Marriott Hotel, **Malaysia** from 19th October to 21st October, 2010.
3. 9th Asian Fisheries and aquaculture Forum at Shanghai Oceanic University, **Shanghai, China** from April, 21st to April 25, 2011.



Signature of Faculty Member

