



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						
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						
I started my teaching career as an Assistant Professor in Department of Zoology and Environmental Science at Gurukula Kangri University, Haridwar, in 2003. I was appointed as coordinator NSS Unit and Program Officer NSS Unit-II at Gurukula Kangri University, Haridwar from April 2013 to July 2015. In July 2015, I became Associate Professor in Department of Zoology, University of Delhi, Delhi-110007.						
Administrative Assignments						
NA						
Areas of Interest / Specialization						
Fish and Fisheries, Fish Microbiome, Fish Diversity, Hill stream Ecology						
Subjects Taught						
Principles of Ecology Animal Behavior Fish Biology						
Research Guidance						
Students Awarded Ph. D Thesis- 07 Students Submitted Thesis- 00 Currently working Ph.D. students- 06 Students Awarded M.Phil. Degree- 02 Currently working M.Phil. students- 01						

Publications Profile

Chapter In Books

1. 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.
2. **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.
3. **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: 978-93-81142-99-8 221-231 pp.
4. **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 41-47 pp.

Research Publications

5. Johal, M.S., **NEGI, R. K.**, and Negi, T. 2003. Age and growth of golden mahseer *Tor putitora* (Ham.) from Pongdam reservoir, H.P., India. *Him. J. Env. Zool.* **17**: 17-29.
6. Johal, M.S, **NEGI, R. K.**, and Negi, T. 2003. Morphometric and meristic characters of golden mahseer *Tor putitora* (Ham.) from Pongdam reservoir, H.P., India. *Him. J. Env. Zool.* **17**: 101-106.
7. Johal, M.S., Braich, O.S., **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.
8. 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.
9. 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.
10. Johal, M.S., **NEGI, R. K.**, and Negi, T. 2004. Diversity of phytoplankton and zooplankton of Pong wetland H.P., India. *Him. J. Env. Zool.* **18**: 159-163.

11. **NEGI, R. K.**, and Johal, M. S. 2005. Ichthyofaunal diversity of Pong dam reservoir in H.P., India. *Him. J. Env. Zool.* **19**: 219-222.
12. 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**: 85-88.
13. **NEGI, R. K.**, Johal, M.S., and Negi, T. 2006. Study of the physico-chemical parameters of water of Pong dam reservoir H.P. A: Ramsar site. *Him. J. Env. Zool.* **20**: 247-251.
14. **NEGI, R. K.**, and Joshi, P. C. 2006. Foraging behavior of *Apis mellifera* L. (Hymenoptera: Apidae) on *Brassica juncea*. *Entomon.* **31**: 145-148.
15. **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**: 151-156.
16. **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**: 227-233.
17. Joshi, P.C., Negi, T., 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**: 85-89.
18. **NEGI, R. K.**, Negi, T., 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**: 203-212.
19. **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**: 197-200.
20. **NEGI, R. K.**, and Negi, T. 2009. Length-weight relationship of *Puntius conchoni* (Ham.) from the lakes of Kumaon region. *Pb. Univ. Res. J. (Sci.)* **59**: 71-75.
21. **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**: 1-8.
22. Rajput, V., and **NEGI, R. K.** 2009. Pisci-fauna of district Almora, Uttarakhand. *J. Flora and Fauna* **15**: 317-320.
23. Rajput, V., Jong, T.F., and **NEGI, R. K.** 2009. Hydrological study of Naini lake (Nainital), India. *J. Flora and Fauna* **15**: 83-86.
24. **NEGI, R. K.**, Joshi, P.C and Negi, T. 2010. Fish community structure and habitat preference in Hinval freshwater stream of Garhwal Himalayas, India. *J. Environmental Science and Engineering* **4**: 49-52.
25. **NEGI, R. K.**, and Negi, T. 2010. Assemblage structure of stream fishes in the districts of Almora at Kumaon region, *Life Science J.* **7**: 9-13.

26. **NEGI, R. K.**, and Negi, T. 2010. Analysis of morphometric characters of *Schizothorax richardsonii* (Gray,1832) from the Uttarkashi District of Utrkhand State, India. *J. Biological Sciences* **10**: 536-540.
27. **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**: 395-397.
28. **NEGI, R. K.**, and Negi, T. 2010. Diversity of zooplankton in the Hinval freshwater stream at Shivpuri (Garhwal region), Uttarakhand. *J. Env. Bio-Sci.* **24**: 167-169.
29. **NEGI, R. K.**, and Negi, T. 2010. Length-weight relationship of *Schizothorax richardsonii* from Uttarkashi district of Uttarkhand state. *Uttar Pradesh J. Zoology* **30**: 359-363.
30. Rajput, V., and **NEGI, R. K.** 2011. Comparative study on gross primary productivity and net primary productivity of Nanital and Bhital lakes of Kumaon Himalaya of Uttarkhand, India. *J. Env.Bio-Sci.* **25**: 353-356.
31. **NEGI, R. K.**, and Mamgain, S. 2011. Energy dispersive X-ray microanalysis (EDX) of scale of *Schistura montanus* (McClelland, 1838). *International J. The Bioscan.* **6**: 403-404.
32. **NEGI, R. K.**, and Rajput, A. 2011. Diversity of phytoplankton in the streams of Kumaon Himalaya. *International J. The Ecoscan.* **5**: 15-19.
33. **NEGI, R.K.**, and Rajput, V. 2012. Fish Diversity in Two Lakes of Kumaon Himalaya Uttarakhand, India. *Research Journal of Biology* **2**: 157-161.
34. **NEGI, R.K.**, Joshi, P.C., and Negi, T. 2012. Seasonal variation and species composition of phytoplankton in Ganga river and its tributaries at Garhwal region, Uttarakhand, India. *International J. Zoology and research* **2**: 19-30.
35. **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**: 153-155.
36. **NEGI, R.K.**, Jauhri,T., and Adil. 2013. Fish scale as a reliable tool for RAPD studies. *Novus International Journal of Biotechnology and Bio-Science* **2**: 1-6.
37. **NEGI, R. K.**, and Mamgain, S. 2013. Zooplankton diversity of Tons river of Utarakhand State India. *International journal of Zoology and Research* **3**: 1-8.
38. **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**: 1510-1516.
39. **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**: 617-626.
40. **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.

41. **NEGI, R. K.** and Negi, T. 2013. Scale ultrastructure and EDX analysis of *Barilius bendelisis* using scanning electron microscope. *Novus Natural Science Research* 2: 9-14.
42. **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. *International Journal of Applied and Natural Sciences* 2: 91-96.
43. **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: 2682-2685.
44. **NEGI, R. K.** 2013. Length- weight relationship of *Schistura montanus* from Hinal freshwater stream of Garhwal Himalaya of Uttarkhand State, India. *International Journal of Scientific Research* 2: 561.
45. **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: 112-117.
46. **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: 70-73.
47. **NEGI, R. K.,** Yadav, N., and Vishnoi, V. 2013. Phytoplankton diversity of some selected streams of Dehradun district of Uttarakhand state. *Biolife* 1: 165-170.
48. **NEGI, R. K.** 2013. Length-weight relationship and condition factor of *Labeo rohita* from Bhagwanpur fish pond Roorkee Uttarakhand, India. *Biolife* 1: 170-171.
49. Mamgain, S., and **NEGI, R. K.** 2013. Physico-chemical analysis of water of Tons river within Dehradun district Uttarakhand. *J. Env. Bio-Sci.* 27: 239-242.
50. **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: 247-252.
51. **NEGI, R. K.,** and Mamgain, S. 2014. Anthropogenic stress on Tons river within Dehradun district of Uttarkhand state, India. *International Journal of Applied and Natural Sciences* 3: 1-5.
52. **NEGI, R. K.,** and Mamgain, S. 2014. Geomorphological features of Tons river of Uttarakhand State, India. *Singapore J Scientific research* 4: 9-14.
53. **NEGI, R. K.,** and Tyagi, P. 2014. Length-weight relationship of *Schistura savona* (Ham.) from Song river of Garhwal Himalayas of Uttarkhand State, India. *International Journal of Biology and Biological Sciences* 3: 045-046.
54. Thakur, R. K., **NEGI, R. K.,** and R.R. 2015. Scanning electron microscopy & EDAX study of scales of genus *Puntius*. *Research & Review J. Zoological Sci.* 3: 25-32.

55. **NEGI, R. K.**, Tyagi, P., and Joshi, B. D. 2015. Morphometric Analysis of *Schistura montanus* from the Garhwal and Kumaun regions in Uttarakhand State, India. *World J. Fish and Marine Sciences* **7**: 400-403.
56. **NEGI, R. K.**, and 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**: 543-552.
57. **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**: 121-127.
58. **NEGI, R.K.**, and Joshi, B. D. 2015. Genetic diversity between populations of the Genus *Schistura* McClelland from the Garhwal and Kumaun region Using RAPD marker. *Biotechnology* **7**: 71-79.
59. **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. *Current Science* **110**: 2172-2176.
60. **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**:1-5.
61. **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.
62. Kumar, R., Verma, H., Haider, S., Bajaj, A., Sood, U., Ponnusamy, K., Nagar, S., Shakarad, M.N., **Negi, R.K.**, Singh, Y., Khurana, J.P., Glibert, J.A., and Lal, R. (2017). Comparative Genomic Analysis Reveals Habitat-Specific Genes and Regulatory Hubs within the Genus *Novospingobium*. *mSystems.* **2**: e00020-17.
63. Tripathi, C., Mishra, H., Khurana, H., Dwivedi, V., Kamra, K., **Negi, R.K.**, and Lal, R. (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. *Front. Microbiol.* **8**: 1410.
64. Mahato, N.K., Gupta, V., Singh, P., Kumari, R., Verma, H., Tripathi, C., Rani, P., Sharma, A., Singhvi, N., Sood, U., Hira, P., Kohli, P., Nayyar, N., Puri, A., Bajaj, A., Kumar, R., Negi, V., Talwar, C., Khurana, H., Nagar, S., Sharma, M., Mishra, H., Singh, A.K., Dhingra, G., **Negi, R.K.**, Shakarad, M., Singh, Y., and Lal, R. (2017). Microbial taxonomy in the era of OMICS: application of DNA sequences, computational tools and techniques. *Antonie Van Leeuwenhoek.* **110**: 1357-1371.

Publications In Proceeding

65. **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.
66. **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), 288-295 pp.

67. **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.
68. **NEGI, R. K.,** and Fong, T.F. 2009. Ichthyological diversity in the rivers of Uttarakhashi 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.
69. **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.

Conference Organization/ Presentations (in the last three years)

Training Courses/ International Conferences Organized

- **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.
- **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.
- **2016: Chaired Session** at Golden jubilee celebrations of National conference on **Evolving new horizons of Zoological sciences in human welfare** organized by Department of Zoology Kurukshetra University Kurukshetra from 23rd November to 24th November, 2016.
- **2017: Member of Local Organizing Committee** at 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 22nd February to 24th February, 2017.

Presentations

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. **(Paper presented).**
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. **(Paper presented).**
8. National Seminar on New trend on development on Indian Fisheries organized by Department of Zoology, Panjab University, Chandigarh, 16th -18th Feb., 2005. **(Paper presented).**
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. **(Paper presented).**
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. **(Paper presented).**
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 **(Paper presented).**
13. UGC Sponsored 2nd national Symposium on Biodiversity: Cell & Molecular Biology Department of Zoology, Panjab University, Chandigarh 1st -2nd March, 2009 **(Poster presented).**
14. UGC- SAP sponsored National seminar on Status of Bio-diversity and conservation organized by Department of Zoology & Environmental Sciences, Gurukula Kangri University, Hardwar from Feb. 27-28, 2009 **(Paper presented).**
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, Hardwar. 19th -20th Feb., 2010. **(Session chaired and paper presented).**
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 (**Poster presented**).
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 (**Paper presented**).
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 (**Presented Paper**).
21. 8th Chandigarh Science Congress organized by Panjab University, Chandigarh from 26-28 Feb. 2014 (**Poster Presented**).
22. 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. (Session chaired).
23. 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. (**Session chaired**)

Research Projects (Major Grants/Research Collaboration)

Current Research Projects

1. To study the microbial diversity associated with fish gut by using culture–dependent and independent approaches “NBAIM/AMAAS/2017-20”.
2. Remediation and Reclamation of Hexachlorocyclohexane (HCH) Dumpsite by using Microbial Bioremediation Technology “DBT 2018-2020”.

Research Projects Completed

- 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.
- 2015-2016:** Principal Investigator of the Project: “To find out the intra and inter specific variability in the morphology of otoliths of genus *Barilius* from river Beas of Himachal Pradesh, India” Research & Development Project 2015-2016.

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.

Elected Fellow of Academies

Fellow of Indian Academy of Environmental Science in year 2008

Association With Professional Bodies

Memberships of Academic Societies/Committees

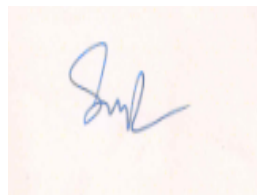
1. Life member of Indian Science Congress
2. Life member of Indian Academy of Environmental Science
3. Life member of Aquatic Biodiversity and Conservation Society
4. Life member of Asian Fisheries Society
5. Member of Aquatic Ecosystem Health and Management Society
6. Annual member of National Institute of Ecology
7. Member of DRC
8. Member of Board of Studies of Science
9. Member of Departmental Academic committee

Other Activities

Visiting Scientist/Meeting Participations Abroad

1. International Symposium on Aquaculture and Fisheries Education, Asian Institute of Technology, Pathumthani, Bangkok, Thailand 26th – 30th Nov., 2009 (**Poster presented**).
2. 5th International Conference of World Council for Psychotherapy (Asian Chapter) organized by Asian federation Psychotherapy at Chandigarh 5th -8th Jan., 2010.
3. First International conference on managing ecosystem health of tropical seas at Putrajaya Marriott Hotel, Malaysia from 19th October to 21st October, 2010 (**Paper presented**).
4. 9th Asian Fisheries and aquaculture Forum at Shanghai Oceanic University, Shanghai, China from April, 21st to April 25, 2011 (**Paper presented**).

5. 1st World Congress for Man and Nature “Global Climate Change & Biodiversity Conservation” organized by Department of Zoology & Environmental Sciences, Gurukul Kangri University, Harwar with MANU- International Council for Man and Nature & Applied & Natural Science Foundation from 11th November to 13th November, 2011 (**Paper presented**).

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Signature of Faculty Member