

Curriculum Vitae

1. Name : Dr. Neeraj Kumar
2. Date of Birth : October 10, 1966
3. Nationality : Indian
4. Present Position : Associate Professor, Department of Zoology, Meerut College, Meerut, U.P.,
5. Address for Correspondence : Dr. Neeraj Kumar
#3/33, Shraddhapuri (Phase-I)
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6. Educational Qualifications:

Exam	Year	Subject (s)	Division	%	University
Ph.D.	1992	Zoology			H.N.B. Garhwal University
M.Sc.	1987	Zoology With specialization in Environmental Biology (First Position in the University)	First	70.5	- do -
B.Sc.	1985	Botany, Chemistry, Zoology	First	68.0	- do -

7. Research Papers, Published/Accepted: Pl. See Annexure No.:

Popular Articles Published: Pl. See Annexure No.:

Books: 05 - **Ecology and Environmental Science** (8th Edn.Reprint /2014-15),ISBN:978-93-82956-00-6,**Animal Physiology and Biochemistry** (9th Edn. Reprint/2014-15), ISBN:81-88646-93-8; both by: Prof.H.R.Singh and Dr.Neeraj Kumar, Vishal Publishing Co., New Delhi.**Recent advances in Animal Sciences**; by Neeraj Kumar and Prof. A.K. Dobriyal, 2007. University Centre for Distance Learning, Ch Devilal University, Haryana and **General Microbiology** by Neeraj Kumar et al., 2009,ISBN: 978-81-8398-828-5, Pragati Prakashan, Meerut. **Biosystematics of Major lepidopteran pests of Vegetables**;First Edn. 2012; Rajesh Kumar, V.V. Ramamurthy and Neeraj Kumar, ISBN: 978-3-8443-8298-3, Lambert Academic Publishing, Printed in U.S.A.

8. International/National Symposia Attended: Pl. See Annexure No.:

Important Workshops and Training Programmes Attended: Pl. See Annexure No.:

9. Research and Teaching Experience: (~22 yrs.):

- (i) 19.08.2001 to date : Reader, Dept of Zoology, Meerut College, Meerut
- (ii) 19.01.2001 to 18.08.2001 Lecturer, Meerut College, Meerut
- (iii) 19.08.1997 to 18.01.2001 Lecturer(Sr.Scale),H.N.B.Garhwal University,Campus, Pauri Garhwal

- (iv) 19.08.1992 to 18.08.1997 Regular University Lecturer, H.N.B.Garhwal University Campus, Pauri Garhwal
- (v) 14.04.1992 to 18.08.1992 S.R.F. (C.S.I.R.): Submitted Resignation Letter
- (vi) 14.10.1991 to 13.04.1992 Lecturer (ad.hoc)
- (vii) 02.01.1990 to 13.10.1991 Senior Research Fellow Council of Scientific and Industrial Research, New Delhi
- (viii) 20.08.1988 to 15.10.1988 Lecturer (ad hoc)

10. Honours/Awards/Guest Lectures/Participation in Co-Curricular Activities:

- (a) Member, National Environmental Science Academy (NESA), New Delhi.
- (b) Youth Passport Winner of Discover India Quiz Contest, 1987, Organized by the Ministry of Tourism, Government of India.
- (c) **Gold Medal for Securing Highest Marks in M.Sc. (Zoology) Examination, 1987 at the Garhwal University.**
- (d) **Recipient of the Young Scientist Award of the Asian Fishery Society (1993).**
- (e) Attended Orientation Programme (Conducted by the UGC, New Delhi) at the Panjab University, Chandigarh (12.12.1995 to 08.01.1996).
- (f) Group Study Exchange (G.S.E.) team member of the Rotary International (Distt. 3100); and visited Canada during 1996-1997.
- (g) President, Rotary Club, Pauri Garhwal (R.I. Distt. 3100) during 2000-2001 and won Distinguished Service Award.
- (h) Attended Refresher Course (UGC Sponsored) in Environmental Studies at the Panjab University, Chandigarh (From 18.03.2004 to 07.04.2004) and obtained Grade 'A'.
- (i) Delivered invited lectures in Orientation Programmes and Refresher Courses (Sponsored by UGC) at the University of Allahabad, Allahabad; Ch. Charan Singh University, Meerut; and M.D. University, Rohtak.
- (j) **Recipient of Dr T. Singh Oration Award** (Conferred on May, 16, 2011, at a UGC sponsored National Seminar on Biodiversity, held at DBS P.G. College, D.Dun).
- (k) **Received Certificate of Appreciation and Acted as Judge in Zoology section of 5th Uttarakhand State Science & Technology Congress held from 10-12 November, 2010 at Doon University, Dehradun and sponsored by Uttarakhand State Council of Science & Technology (UCOST).**
- (l) Resource Person for an ICSSR sponsored Research Methodology Course held on 23rd December-1st January, 2014 and held at Department of Geography, Meerut College, Meerut.

J) Associate Editor, Frontiers journal Biogeography and Macroecology, Published from Switzerland.

11. Foreign Visits:

1. Japan, August 23-30, 1990, to attend 5th International Congress of Ecology. Yokohama, Japan
2. Canada, Ontario Province: from September 10 to October 10, 1997 as Group Study Exchange (G.S.E.) team member of the Rotary International (Distt. 3100)

12: Academic and Administrative Positions held:

RUSA Coordinator, Meerut College, Meerut

Member/Co-Coordinator, IQAC, Meerut College, Meerut

Prof. Incharge, Central Library, Meerut College, Meerut

UGC Coordinator, Meerut College, Meerut

**List of International/National Symposia/ Conference attended and Organized by
Dr. Neeraj Kumar**

2016

1. National Seminar on Classical Zoology, R.G. PG College, Meerut , India

2011

2. National Conference on Biodiversity vis-à-vis Environmental Degradation in Hilly Terrains. Organized by Department of Zoology, DBS (PG) College Dehradun, and held on May 15-16, 2011 and was sponsored by UGC, CSIR, AIIMS and UCOST.
3. National Seminar on Role of Media on Terrorism-Its impact on Society
And was held on 17-18, September, 2011 at the Department of Defence Studies, Meerut College, Meerut and was sponsored by ICSSR, New Delhi.

2009

4. **Organizing Secretary of a D.B.T. (Govt. of India) supported National Seminar on: Thrust areas in Fish Biotechnology and Fish Conservation, held at Department of Zoology, Meerut College, Meerut on 19th September, 2009.**

2007

5. National Seminar on: New strides in Microbiology, Biochemistry, Biotechnology & Agriculture Science; Organized by: Doon PG Paramedical College , 28, Chakrata Rd. D.Dun, and held on 3-4 Feb., 2007.

2006

6. National Symposium on Applications and Recent Advances in Life Sciences, Department of Zoology, DN (PG) College, Meerut , November 18, 2006.
7. Evaluated Children's Science Projects as Judge at the National Children's Science Congress, Regional meet, held at Meerut, U.P. from 20.11.06 to 21.11.06.

2005

8. U.G.C. sponsored National Seminar on, "New Trends in Fishery Development in India", Department of Zoology, Panjab University, Chandigarh, February 16-18, 2003.
9. Eleventh National Water Convention, 11th May 2005, Vigyan Bhawan, New Delhi. Organized by National Water Development Agency and Ministry of Water Resources, Government of India.
10. **Organizing Secretary of a National Colloquium on "Wildlife Conservation and Animal Welfare Issues in India", on 22nd October, 2005, held at the Dept. of Zoology, Meerut College, Meerut, U.P., India.**

2003

11. International Conference on Alternatives to the use of Animals in Research and Education, Organized by the Department of Biotechnology and Ministry of Environment and Forests and CPCSEA. Scope Complex, New Delhi, 18-20 February 2003.

2000

12. XIV Annual Research Seminar, 27-29 September 2000, Wildlife Institute of India, Dehradun.
13. National Symposium on the Role of Biosciences in new millennium, 25-26 November 2000. School of Life Sciences, Dr.B.R.Ambedkar University, Agra.

1995

14. National Symposium on Recent Advances in Biosciences, 03-05 November 1995, M.D. University, Rohtak.
15. National Seminar on Mountain Environment and Sustainable Development, November 14-16, 1995, H.N.B. Garhwal University, Srinagar Garhwal.

1991

16. National Conference on 'Aquatic Sciences in India: State of Art and Challenges Ahead'. 18-20 February 1991, IALO, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi.
17. National Symposium on 'Planning for Environmentally Sustainable Development: An Indian Perspective', NIE, School of Environmental Sciences, JNU, New Delhi, 21-24 February 1991.

1990

18. The Second Indian Fisheries Forum, Asian Fishery Society, Indian Branch, 27-31 May 1990, Mangalore, India.
19. **V International Congress of Ecology, August 23-30, 1990, Yokohama, Japan.**

1989

20. National Seminar on 'Tourism Resources Planning and Environment Conservation', 8-10 April 1989, H.N.B. Garhwal University, Srinagar Garhwal.
21. National Symposium on 'Advances in Limnology and Conservation of Endangered Fish Species', October 23-25, 1989, Department of Zoology, H.N.B. Garhwal University, Srinagar Garhwal.

1987

22. International Seminar on "Impact of Tourism on Mountain Environment, 21-24 March, 1987, HNBBG University, Srinagar Garhwal.

**Important Workshops and Training Programmes attended by
Dr. Neeraj Kumar (after Selection at Regional and National Level)**

2014

1. Indo-US International Congress-cum-Workshop on IPR held on January 29th-31st, 2014 and jointly organized by Amity University, Noida and United States Patent And Trademark Office, Global Intellectual Property Academy represented by the First Secretary for IPR , Embassy of the United States of America, New Delhi.
2. National Workshop on Renewable Energy & its Applications, February, 20-22, 2014, and held at ABES Engineering College, Ghaziabad and sponsored by the Ministry of New and Renewable Energy of Govt. of India and SES, New Deli.

2012

3. National Conference on Innovations in Modern Biology, held on 16-17, March, 2012 and organized by the Department of Zoology, Meerut College, Meerut, and sponsored by UGC, New Delhi.

2011

4. World Congress for Man and Nature on : Global Climate Change & Biodiversity Conservation ; held on 11-13th November, 2011 and held at Gurukul Kangri University, Hardwar and Chaired the Technical session II on Environmental Management & Technology.
5. Workshop on Biotechnology and Bioinformatics held on 21-22, Nov., 2011 and organized by Department of Biosciences, CAEHS, Meerut.
6. N-List awareness Programme for College Librarians held on 3rd December, 2011 and jointly organized by Department of Library & Information Science, CCS University, Meerut & INFLIBNET SOUL Service Centre, Delhi

2010

7. Got selected and participated in the ABCS workshop on: Fisheries Conservation and Enhancement in Northern Hill States; held on 9-10, March, 2010 at Department of Zoology, HNB Garhwal (Central University) Srinagar Garhwal and sponsored by DBT, ICAR, ABCS, NBFGR & HNBGU.

2009

8. Regional Resource Person's Training workshop for National Children's Science Congress (NCSC) on "Planet Earth our Home: Explore, Share and Care". Held at ABCET, Baghpat from July 11-12, 2009 and supported by RVPSP, DST, CST (U.P.), and VICAS.

2007

9. Alternatives, Animal Welfare and the Curriculum Seminar and Workshop held on 24th August, 2007 and organized by International agencies like InterNICHE, People for

Animals, Chennai and The World Society for the Protection of Animals (WSPA), U.K. and held at New Delhi.

2006

10. BioResource and Biotech 2006, Workshop on Bioresources and Biotechnology in Sustainable Development, Sponsored by the National Bioresources Development Board, Department of Biotechnology, Govt of India from 23rd January-6th February, 2006 and held at Centre for Environmental Management of Degraded Ecosystems (CEMDE), University of Delhi-110 007, India
11. Faculty Development Programme in Entrepreneurship, sponsored by Indian Institute of Entrepreneurship (An Organisation of the Ministry of Small Scale Industries, Govt of India), from 13.03.06 to 24.03.06 at DehraDun (Uttaranchal).

2004

12. "Alternatives, Animal Welfare and the Curriculum", Seminar and Workshop held on 24.08.2004 at NICD, New Delhi and Organized by International Network for Humane Education (U.K.), The World Society for the Protection of Animals (U.K.) and People for Animals (Chennai, India).

2003

13. National Training Programme on 'Taxonomy, Genetics, Gene Banking of Coastal and Marine Bio-Resources and Biodiversity', Sponsored by N.B.D.B. (National Bio-Resource Development Board, Department of Biotechnology, Government of India) and held at CIFE (Central Institute of Fisheries Education - Deemed University, ICAR) Mumbai, June 17-July 17, 2003.

1998

14. Indo-U.S. Workshop on "Conservation and Development of Natural Fishery Resources of Western Himalayas". 07-08, December 1998, Panjab University, Chandigarh.

1994

16. Regional Workshop in the "Coordination and Monitoring of Wildlife Research". September 28-30, 1994, Wildlife Institute of India, Dehradun.

1992

17. Training Programme on 'Environment, People and Law', October 12-16, 1992, Centre for Science and Environment, New Delhi.

1989

18. National Workshop on 'Research and Development Needs of Coldwater Fisheries. January 29-31, 1989. Sponsored by ICAR and held at National Centre on Coldwater Fisheries (ICAR), Haldwani.

19. National Workshop on Himalayan Ecology, September 26-30, 1989. Sponsored by D.S.T., Government of India, Held at Manali, Distt. Kulu (H.P.)

List of Ph.Ds. Supervised by Dr. Neeraj Kumar

1. Kapil Kumar (2008): Studies on the biosystematics of water mites (Hydrachnidia) of some upland hillstreams of Garhwal Himalaya.
2. Rajesh Kumar, (2009): Studies on the biosystematics of major lepidopterous insect pests of vegetables with emphasis on computer aided diagnostics.
3. Satyawar Sangwan, JRF, NET (CSIR), (2009): Ecological studies on the drifting benthos of some hillstreams of Garhwal Himalaya.
4. Kh. Subbadas Singh (2012) : Studies on the potential of radiations as disinfectant treatment against two important bean beetles; *Callosobruchus chinensis* and *C. maculatus* (Coleoptera: Bruchidae) infesting grain legumes.
5. Sunil Kumar, NET, (2013): Biodiversity studies on the water mites (Hydrachnidia) of some wetlands of Hastinapur Wildlife Sanctuary (U.P.), India.
6. Pratibha Menon (2013): Studies on the biosystematics of mite pests of cereals with emphasis on computer aided diagnostics.
7. Shaloo Ayri (2014): Studies on the taxonomy of weevils inhabiting different agro-ecosystems of North India.
8. Dheerpal Singh (2014): Studies on the toxicity of Mentor and Solfac on histophysiological and biochemical parameters of certain tissues of a freshwater fish *Channa punctatus* and their reversal response.

List of Popular Articles published by Dr. Neeraj Kumar

1. Neeraj Kumar and Singh H. R. 1989. Impact of Modern Tourism on the Life-Support System. In: "Impact of Tourism on Mountain Environment", Ed. S.C.Singh, Research India Publications, Meerut, India, pp. 127-130.
2. H.R. Singh and Neeraj Kumar 1989. Aquaculture with special reference to world productions, methodology and advances in aquaculture systems in India. In: "Management of Aquatic Ecosystem", Ed. V.P.Aggarwal, B.N. Desai and S.A.H. Abidi, Society of Biosciences, Muzaffarnagar, India, pp.81-96.
3. H.R. Singh and Neeraj Kumar, 1991. 'Ecology, Economics and Sustainable Development', In: Himalaya: Environment, Economy and People, Ed. S.C.Singh, R.K.Publications, New Delhi, India, pp. 357-367.
4. H R Singh and Neeraj Kumar. 2011. Research priorities in Fisheries with special reference to Central Himalaya. In: In: Himalayan Aquatic Biodiversity : Conservation & New Tools in Biotechnology. Eds.: Bhatt, J.P., Thapliyal, M. and Thapliyal, A. Transmedia Publication, Srinagar Garhwal. Pp.; 1-3.

List of Publications of Dr. Neeraj Kumar

1. Dobriyal A. K. and Neeraj Kumar. 1989. Fish and fisheries of the River Mandakini; In: Khulbe R D (Ed.) Perspectives in Aquatic Biology, Papyrus Publishing House, New Delhi, pp. 337-340.
2. Dobriyal A K, Bahuguna A K, Kotnala C B, Neeraj Kumar and Singh H R. 1989. A case study on the reproductive capacity of common carp. *Cyprinus carpio* Linneaus from India; *Vest cs Spolec Zool (Czechoslovakia)* 54: 91-96.
3. Pokhriyal R.C., Dobriyal A.K., Singh H.R., Neeraj Kumar, Bahuguna A.K. and Kotnala C.B. 1989. Determination of acute toxicity levels of urea to a hillstream fish *Barilius bendelisis* (Ham); *Him j Env Zool*; 3 : 149-153.
4. Dobriyal A.K., Neeraj Kumar, Bahuguna A.K. and Kotnala C.B. 1989. Diurnal variation in some physio-chemical parameters of the river Eastern Nayar; *H C P B* : 6 : 42-44.
5. Dobriyal A.K., Bahuguna A.K., Kotnala C.B., Neeraj Kumar and Singh H.R. 1989. A note on the snout abnormality in *Barilius bendelisis*; *Him j Env Zool* : 3 : 248-250.
6. Singh H.R., Dobriyal A.K. and Neeraj Kumar. 1991. Hillstream fishery potential and development Issues; In: Dr.V.G.Jhingran Comm. Volume. *J. Inland Fisheries Society of India*. Barrackporre, 23: 60-68.
7. Neeraj Kumar and Dobriyal A.K. 1992. Some observations on the Water Mites of a hillstream Khandagad in Garhwal Himalaya. *J. Freshwater Biol.* 4(3) : 193-197.
8. Dobriyal A.K., Bahuguna A.K., Kotnala C.B., Neeraj Kumar and Singh H.R. 1992. Ecological studies on the fish and fisheries of the river Nayar; In: Sehgal K.L. (Ed.) Recent Researches in Coldwater Fisheries. Today and Tomorrow's Printers and Publishers, New Delhi, pp. 93-98.
9. Dobriyal A.K., Neeraj Kumar, Kotnala C.B., Bahuguna A.K. and Singh H.R. 1992. Preliminary observations on seasonal trends in macro-zoobentic diversity in the river Nayar of Garhwal Himalaya; In: Sehgal K.L. (Ed.) Recent Researches in Coldwater Fisheries. Today and Tomorrow's Printers and Publishers, New Delhi, pp. 119-127.
10. Dobriyal A.K., Bahuguna A.K., Neeraj Kumar, Kotnala C.B., 1992. Ecology and Seasonal diversity of plankton in a spring-fed stream Khandagad of Garhwal Himalaya; In: Singh H.R. (Ed.) Advances in Limnology, Narendra Publishing House, New Delhi, pp. 175-180.
11. Neeraj Kumar and Dobriyal A.K. 1993. Benthic diversity of Garhwal Himalayan hillstreams in relation to their fishery potential. In: Joseph M.M., (Ed.) *The Third Indian Fisheries Forum Proceedings*, Pantnagar, pp. 159-162.
12. H.R. Singh and Neeraj Kumar. 1995. River Ecology and Water Pollution. Encyclopedia of Environmental Pollution and Control (Ed.) R.K. Trivedy, Enviro Media, Karad, Vol. 2 pp.254-272.
13. Neeraj Kumar, Bhuvnesh Kumar and A.K. Dobriyal 1998. Geomorphic influences on the distribution of benthic diversity of two hillstreams of Garhwal Himalaya. In: Johal M.S. (Ed.) Proceedings of the Indo-U.S. Workshop on 'Conservation & Development of Natural Fishery Resources of Western Himalaya, Panjab University, Chandigarh. pp. 53-66.

14. Dobriyal A.K., Kotnala C.B., Neeraj Kumar, Balodi V.P. 1999. Density and primary productivity of periphyton correlated with Physico-Chemical parameters in the river Western Nayar of Garhwal, Central Himalaya, India. *Ad. Bios: 18 (II)* 35-44.
15. Neeraj Kumar and Dobriyal A.K. 1999. Correlation of some environmental variables with adaptive net-spinning strategies in stream larval Hydropsychids, (Trichoptera) in Garhwal Himalaya. *Tropical Freshwater Biology*, 8, 27-30.
16. Menon A.G.K., Singh H.R. and Neeraj Kumar. 2000. Present eco-status of Coldwater Fish and Fisheries. In *Coldwater Aquaculture and Fisheries*. Eds., H.R. and Lakra, W.S., Narendra Publishing House, New Delhi, pp. 1-36.
17. Dobriyal A.K., Neeraj Kumar, Bahuguna A.K. and Singh H.R. 2000. Breeding ecology of some Coldwater minor carps from Garhwal Himalayas. In: Singh H.R. and Lakra W.S. (Eds.) *Coldwater Aquaculture and Fisheries*, Delhi, pp. 177-186.
18. Dobriyal A.K., Balodi V.P., Neeraj Kumar and Bisht M.S. 2002. An appraisal of the fishery potential of river Nayar with a note on its improvement possibilities. *Coldwater Fish Genetic Resources and their Conservation*. Nature Conservator: Publication No. 07, 235-242
19. Singh H.R. and Neeraj Kumar. 2003. Some aspects of ecology of hill-streams: stream morphology, zonation, characteristics and adaptive features of Ichthyofauna in Garhwal Himalaya; In: Datta Munshi J.S. (Ed.) *Modern Trends in Fish Biology Research*, Narendra Publishing House, New Delhi, pp. 119-142.
20. H R Singh and Neeraj Kumar. 2005. Biodiversity of Mountain streams and some new areas of research. Eds. Nautiyal, P., Bhatt, JP, and Dobriyal AK; in *Biological diversity in freshwater environments*. P. 13-18. Transmedia Publications. Srinagar Garhwal.
21. Neeraj Kumar and Satyawan Sangwan. 2005. Natural drift patterns of macroinvertebrate fauna of a Garhwal Himalayan hillstream. M.S. Johal (Ed.); *Proceedings of the UGC sponsored National Seminar, "New Trends in fishery Development in India"*. Panjab University, Chandigarh, February 16-18. pp. 129-134.
22. Neeraj Kumar, Kumar, K., Kumar, S. and Pesic, V. 2006. *Montractides tuzovskyi* sp. Nov. (Acari: Torrenticolidae), A new water mite from the Garhwal Himalayas (India). *Acarina* 14(2):181-183.
23. Neeraj Kumar, Satyawan Sangwan and Ankur Gupta. 2006. Macroinvertebrate drift in a Garhwal Himalayan hillstream. *J. Mountain Research*. Vol.1. pp. 21-29. ISSN: 0974-3030.
24. Rajesh Kumar, Sharma, G., Ramamurthy, V.V., and Neeraj Kumar. 2007. Major lepidopterous insect pests of vegetables in North India. *Indian Journal of Entomology*. 69(2) : 189-195. ISSN 0367-8288.
25. Rajesh Kumar, Sharma, G., Ramamurthy, V.V., and Neeraj Kumar. 2007. Biosystematic studies of *Junonia orithya* Linnaeus (Lepidoptera: Nymphalidae) from North India. *Indian Journal of Entomology*. 69(3) : 224-229. ISSN 0367-8288.
26. Pratibha Menon, Joshi, S, Neeraj Kumar and Ramamurthy, V.V. 2007. Preliminary observations on the biodiversity of mites associated with Rice Agro-ecosystems of Delhi. *J. Acarol*. Vol. 16(1&2). Pp. 21-23.

27. Pratibha Menon, Joshi, S, Neeraj Kumar and Ramamurthy, V.V.2007. Description of a new species of mite *Pronematus oryzae* (Prostigmata: Tydeidae) from India. *ENTOMON*, 32(4) : 279-283. Research Paper No. ent. 32407.
28. Neeraj Kumar, Kumar,K., Kumar, S. and Pesic, V. 2007. Two new species of *Sperchon* Kramer (Acari: Hydrachnidia: Spermontidae) from the Garhwal Himalayas (India). *Systematic & Applied Acarology*, 12: 31-36. ISSN: 1362-1971.
29. Vladimir Pesic, Neeraj Kumar and K. Kumar. 2007. Two new species of water mites of the family Hygrobatidae (Acari: Hydrachnidia) from the Garhwal Himalaya. *Systematic & Applied Acarology*, 12: 161-166. ISSN: 1362-1971.
30. Vladimir Pesic, Neeraj Kumar and K. Kumar. 2007. A new species of *Monatractides* (Acari: Hydrachnidia: Torrenticolidae) and new records of other torrenticolid water mites from the Garhwal Himalayas (India). *Systematic & Applied Acarology*, 12: 205-212. ISSN: 1362-1971.
31. Rajesh Kumar, Sharma, G., Neeraj Kumar, and Ramamurthy, V.V. 2009. Taxonomic studies on vegetable pests of family Pieridae (Lepidoptera) from North India. *Biological Forum*:1(1) 89-97. ISSN: 0975-1130.
32. Rajesh Kumar, Neeraj Kumar, and Ramamurthy, V.V.2009. Taxonomic aid to two species of genus *Parnara* Moore(1881), (Hesperidae: Lepidoptera) from North India. *J.Mountain Research*: 4: 140-146. ISSN: 0974-3030.
33. Dobriyal, A.K., Bahuguna, A.K., Neeraj Kumar, Bisht, M.S.,Kotnala, C.B., Bisht, K.L., and Singh, H.R.. 2009. Breeding habitats of a hillstream carp: *Barilius barna* (Ham.) from Garhwal Himalaya, India. In; Biodiversity and Ecology of Aquatic Environments. Eds. Singh, H.R. and Nautiyal, P. Narendra Publishing House, New Delhi, pp: 267-278.
- 34.. Shaloo Ayri, Neeraj Kumar, Devi, S., and Ramamurthy, V.V. 2010. Rapid differentiation of sexes in the adult of *Sitophilus oryzae* (L.) (Coleoptera: Rhyncophoridae). *ENTOMON*: 35(3) : 213-216. Research Paper No. 35312.
- 35.. Singh Subbadas, Shashi, B., Bapna, S.C., Pramod, R. Neeraj Kumar and Thakur, M. 2011. Efficacy of electron beam irradiation against pulse beetle, *Callobruchus maculatus* (F.) (Coleoptera: Bruchidae). *Indian Journal of Entomology*: 73(2) 129-132. ISSN: 0367-8288.
36. Dobriyal, A.K., Balodi, V.P., Joshi, H.K., Bahuguna, P. and Neeraj Kumar. 2011. Seasonal cyclicality of macrozoobenthos correlated with detrimental abiotic factors in eastern Nayar of Garhwal Himalaya, Uttarakhand. In: Himalayan Aquatic Biodiversity : Conservation & New Tools in Biotechnology. Eds.: Bhatt, J.P., Thapliyal, M. and Thapliyal, A. Transmedia Publication, Srinagar Garhwal. Pp.; 94-103.
37. Rajesh Kumar, Mittal, V., Neeraj Kumar and Ramamurthy, V.V., 2013. Taxonomic aid to major Crambid vegetable pests from North India (Lepidoptera: Crambidae). *Mun. Ent. Zool.* Vol: 8. No.2: pp. 858-875.
38. Dheerpal Singh, Vandana Sharma and Neeraj Kumar, 2016. ATPase poisoning in *Channa punctatus* exposed to Cyfluthrin and their recovery response.*J Mountain Research* (in Press).

