

Assistant Professor,  
Govt. College Chamba  
District Chamba,  
Himachal Pradesh.  
Pin - 176314

Phone 09418019809, 7018380121  
E-mail maneshverma@yahoo.co.in,  
maneshvermaa@gmail.com

## Dr. Manesh Kumar

<b>Date of Birth</b>	02 September, 1976
<b>Academic Qualification</b>	<ul style="list-style-type: none"> <li>➤ Ph.D. (Zoology) from Panjab University, Chandigarh, 2011.</li> <li>➤ B.Ed. from H.P. University, Shimla. 2003.</li> <li>➤ Qualified UGC-NET-JRF 2003, UGC-NET-LS 2002, 2003.</li> <li>➤ M.Sc. (Zoology) from H.P. University, Shimla with specialization in Animal Physiology 2002.</li> <li>➤ B.Sc. (Medical) from H.P. University, Shimla. 1999.</li> <li>➤ 10+2 (Medical) from H.P. Board of School Education, Dharamshala. 1996.</li> <li>➤ Matriculation from H.P. Board of School Education, Dharamshala. 1992.</li> </ul>
<b>Technical Qualification</b>	<ul style="list-style-type: none"> <li>➤ Practical knowledge of Scanning Electron Microscopy (SEM) and Transmission Electron Microscopy (TEM).</li> </ul>
<b>Experience</b>	Eight years Research Experience. Twelve years of teaching in UG classes.
<b>Workshop/Seminars attended</b>	<ul style="list-style-type: none"> <li>➤ Attended 5 days training programme on “Consumer protection and Consumer Welfare for the members of training institutions (19<sup>th</sup> TT)” organized by Indian Institute of Public Administration, New Delhi, India. 16-20 May, 2016.</li> <li>➤ Attended National conference on "Issues and Challenges in Higher Education" organized by Himachal Pradesh Government College Teachers Association (HGCTA) at Hotel Peterhof, Shimla. 18-19 September, 2015.</li> <li>➤ Attended 15 days ICAR Short Course on “Application of Molecular Tools in Coldwater Fisheries Management” organized by Directorate of Coldwater Fisheries Research, Bhimtal, Nainital. 2-11 June, 2014.</li> <li>➤ Attended Refresher Course organized by UGC Academic Staff College, Panjabi University, Patiala. 04-24 December, 2012.</li> <li>➤ National Seminar on “Emerging Consumerism in Context of Climate Change: Issues and Challenges” organized by the Government Post-Graduate College Chamba, Himachal Pradesh, from 3-5<sup>th</sup> October, 2012.</li> <li>➤ Attended Short Term Course on “Disaster Management” organized by Academic Staff College, Himachal Pradesh University Shimla-5. 19-21<sup>st</sup> December, 2011.</li> <li>➤ UGC-CAS sponsored conference on “Redefining Approaches to Address Current Issues for Sustainable Biodiversity” organized by the Department of Zoology, Panjab University, Chandigarh. 2-3<sup>rd</sup> December, 2011.</li> <li>➤ UGC sponsored National conference on “Sustainable Use of water resources in Context of Climate Change-A Shared responsibility” organized by the Government Post-Graduate College Chamba, Himachal Pradesh, 11-13 March, 2011</li> <li>➤ National Conference on “Advances in Biological Sciences” organized by the Department of Zoology, Panjab University, Chandigarh. 29-30<sup>th</sup> March, 2010.</li> <li>➤ Attended 74<sup>th</sup> Orientation Course organized by UGC Academic Staff College, Panjab University, Chandigarh. 01-28 June, 2007.</li> <li>➤ National Seminar on “Environmental Audit of Hydroelectric Projects for Sustainable Development” organized by the Government Degree College Dakpathar, Vikasnagar, Dehradun, from 10-11<sup>th</sup> April 2006.</li> </ul>

	<ul style="list-style-type: none"> <li>➤ UGC Working Conference on “Recent concepts in Cell and Animal Physiology” organized by Department of Zoology, Panjab University, Chandigarh from 10-11<sup>th</sup> March 2006.</li> <li>➤ Symposium on “Emerging Trends in Biochemistry” organized by Department of Biochemistry, Panjab University, Chandigarh on 9-10<sup>th</sup> February, 2006.</li> <li>➤ Short Course on “Recent Advances in Coldwater Aquaculture” organized by Department of Fisheries COVAS held at C.S.K.H.P.K.V., Palampur from 25 September to 5 October, 2005.</li> <li>➤ UGC sponsored seminar on “Stem Cell Biology and its Application in Biomedical Science” organized by Centre with Excellence in Biomedical Sciences, Panjab University, Chandigarh on 19<sup>th</sup> August, 2005.</li> <li>➤ Training in “Electron Microscopy” organized by the Regional Sophisticated Instrumentation Centre, Panjab University from 16 May to 15 June, 2005.</li> <li>➤ UGC sponsored National Seminar on “New Trends in Fishery Development in India” organized by Department of Zoology, Panjab University, Chandigarh from 16 – 18 February 2005.</li> <li>➤ 15<sup>th</sup> All India Congress of Zoology on “Status of cold water fisheries with reference to fragile Himalayan aquatic ecosystem” organized by P.G. Department of Zoology, University of Jammu, Jammu from 29 – 31 October 2004.</li> <li>➤ Summer School on Development of Sustainable Aquaculture Technology in Fresh and Saline Water” organized by Department of Zoology and Aquaculture, CCSHAU, Hisar from 14 June to 4 July, 2004.</li> <li>➤ National Workshop on “Rational Use of Water Resources for Aqua Culture” organized by Department of Zoology and Aquaculture, CCSHAU, Hisar from 18 – 19 March 2004.</li> <li>➤ As evaluator for “<b>Scientific Project Reports</b>” in 26th State level Children’s Science Congress at Chamba Distt. Chamba w.e.f 9th-12th October 2018 organised by Himachal Pradesh Council for Science, Technology &amp; Environment (HIMCOSTE).</li> <li>➤ Attended UGC Sponsored Refresher Course in E-Learning and E-Governance organized by UGC HRDC Jawaharlal Nehru University, New Delhi. 19-30 August, 2019.</li> <li>➤ Qualify Departmental Examination (Roll. No. 41911163) by HIPA November, 2019.</li> <li>➤ Attended one day National Conference on 'Issues and Challenges in Higher Education-II' organised by Himachal Government College Teachers Association (HGCTA). Shimla 5<sup>th</sup> December, 2019.</li> </ul>
<b>Paper</b>	<ul style="list-style-type: none"> <li>➤ Johal, M.S., Kumar, M and Rawal, Y.K. 2011. Ultrastructure of adhesive organs of two aquatic insects inhabiting highland hillstreams. <i>J. Env. Bio-Sci.</i>, <b>25 (1)</b>: 15-19.</li> <li>➤ Johal, M.S., Verma, M. and Rawal, Y.K. 2011. Geomorphology and ecology of hillstreams of the River Beas in the vicinity of Upper Himalayas of Himachal Pradesh, India. <i>Panjab University Research Journal (Science)</i>. <b>60: 119-152</b>.</li> </ul>
<b>Abstracts</b>	<ul style="list-style-type: none"> <li>➤ Johal, M.S., Kumar, M and Rawal, Y.K. 2011. Physico-chemical factors of two hillstreams Tirthan and Sainj of upper Himalayas of Himachal Pradesh and account of macroinvertebrates inhabiting them. <i>Proc: Redefining Approaches to Address the Current Issues for Sustainable Biodiversity under the aegis of Society of Life Sciences, India and Chandigarh Chapters of NASI and ISCA</i> December 2-3, 2011</li> </ul>

	<ul style="list-style-type: none"> <li>➤ Kumar, M. 2011. Hillstreams and their importance in making reservoir a self-sustaining ecological units. <i>Proc: Sustainable Use of water resources in Context of Climate Change-A Shared responsibility.</i></li> <li>➤ Verma, M. 2012. A comparative study of two hill streams of upper Himalayan hillstreams based on fish catch for anthropogenic impact. <i>Proc: Emerging Consumerism in Context of Climate Change: Issues and Challenges.</i></li> <li>➤ Kumar, M. 2019. An assessment of phytoplankton communities in two Hillstreams of river Beas in the vicinity of the upper Himalayas of Himachal Pradesh. <i>Proc: “National Conference on Environment- Current Scenario and Future Perspectives” NCE-2019.</i></li> <li>➤ Kumar, M. 2019. Library development and information management system in institute of higher learning. <i>Proc: SSHP’s First National Conference on “Culture, development and society “Understanding development in relation to culture. Chamba Cultural Meet – 2019.</i></li> </ul>
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Date: 05.08.2020

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