



**Dr. Pramoda Kumar Sahoo**

**Principal Scientist and National Fellow**

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<b>Department</b>	Fish Health Management Division
<b>Institute/University</b>	Central Institute of Freshwater Aquaculture ( <i>Indian Council of Agricultural Research</i> )
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<b>Date of Birth</b>	04 <sup>th</sup> May 1965
<b>Sex</b>	Male

## Academic qualifications

1.	M.V.Sc (Vety. Pathology)
2.	Ph.D.

<b>Research Experiences</b>	Nineteen years of research experience in fish disease diagnosis and health management through application of immunological, pathological and molecular tools
<b>Current Research Interests</b>	<ul style="list-style-type: none"> <li>• Development of immunoprophylaxis/control measures to argulosis</li> <li>• Development of recombinant vaccine against aeromoniasis</li> <li>• Development of improved rohu for aeromoniasis resistance</li> </ul>
<b>Current Research Projects</b>	<ol style="list-style-type: none"> <li>ICAR National Fellow Scheme on “Development of Novel Immunopotentiator Molecules from Fish Host and Pathogens for Broad Spectrum Disease Control in Freshwater Aquaculture” (2011-2016)</li> <li>Indo Norway Project on “Improved disease resistance of rohu carp and tiger shrimp farmed in India: Developing and implementing advanced molecular methods, and streamlining access to and use of genetic resources” – (2009-2013) Funded by DBT &amp; NRC - Acting as Principal Investigator for CIFA component</li> <li>Evaluation of major porins, ompC and ompR of <i>Areomonas hydrophila</i> as potential vaccine candidates and identification and characterization of immune genes of Indian major carp, <i>Labeo rohita</i> – DBT-NRC funded (2009-12)- Acting as Co-Principal Investigator</li> </ol>
<b>Completed Projects</b>	<b>13 nos.</b>
<b>Publications</b>	<p>Research Publications: 85</p> <p>Book chapters: 18</p> <p>Popular articles: 14</p> <p>Books Edited: 03</p>
<b>National/ International assignments</b>	<ol style="list-style-type: none"> <li>Three months (September-November 2010) NAIP sponsored training programme in the discipline of molecular diagnostics of infectious diseases at College of Veterinary Medicine, University of Minnesota, USA</li> <li>Invited to attend FAO/NACA workshop on “Information requirements for maintaining aquatic animal biosecurity” at Cebu City, Philippines during 15-17 February, 2007.</li> <li>Deputed to AKVAFORSK, Norway to attend training programme on “Data analysis with special reference to disease resistance trait”</li> </ol>

	<p>during September 1- October 15, 2006.</p> <p>d. Department of Biotechnology (Govt. of India) Overseas Associateship for a period of one year to work on diagnostic molecular virology (Molecular biology of morbillivirus diseases in aquatic animals) at Institute for Animal Health, Pirbright, United Kingdom from November, 2001 to November, 2002.</p> <p>e. Visited Chiang Mai, Thailand to present a paper at Vth Asian Fisheries Forum and International Conference on Fisheries and Food Security beyond the year 2000 during November, 1998.</p>
<p><b>Peer recognitions</b></p>	<p>a. <b>Professor H.P.C. Shetty Award, 2011</b> by Asian Fisheries Society, Indian Branch in recognition for excellence in fisheries research and development during 9<sup>th</sup> Indian Fisheries Forum, 19 December 2011 at Chennai</p> <p>b. <b>Samanta Chandrasekhara Award 2006</b> by Orissa Vigyan Academy in the field of Life Sciences in recognition of original and creative research in the state of Orissa</p> <p>c. Certificate of Appreciation for the <b>Best Indian Fisheries Scientist</b> for the year <b>2004</b> in view of the good cumulative impact factor for the research papers published during the year 2002 by Professional Fisheries Graduates Forum, Mumbai.</p> <p>d. <b>Varsha Award 2004</b> for the best work in other species of animals by Indian Association of Veterinary Pathologists.</p> <p>e. <b>Jawaharlal Nehru Award</b> for best Ph. D thesis by ICAR for the Year 2001.</p> <p>f. <b>Department of Biotechnology Overseas Award (2001-02)</b> to work at <b>Institute for Animal Health, UK</b> for a period of one year.</p> <p>g. <b>Young Scientist Award, 2001</b> by <b>Prof. Hiralal Chaudhuri Fisheries Foundation</b>, Mumbai for outstanding contribution to Fish Pathology and disease diagnosis.</p> <p>h. <b>Young Scientist Award of Asian Fisheries Society</b>, Indian Branch 1999, during Fifth Indian Fisheries Forum held at CIFA, Bhubaneswar during 17-20 January, 2000.</p> <p>i. <b>Best young Scientist</b> of the year 1999 of CIFA, Bhubaneswar.</p> <p>j. <b>SERC visiting Fellow</b> of DST, New Delhi to Institute of Pathology, New Delhi to work on 'Diagnostic electron microscopy' for two months.</p>