



**Dr. N. SRIDHAR**

**Principal scientist**

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<b>Sex</b>	Male

### Academic qualifications

<b>1.</b>	PhD (1987) Animal Biochemistry, National Dairy Research Institute, Karnal Haryana, India.
<b>2.</b>	M.Sc in Animal Biochemistry (1981) from NDRI, Karnal, Haryana, India.
<b>3.</b>	B.Sc. (Chemistry), Madras University (1977)

<b>Awards</b>	<ul style="list-style-type: none"> <li>• NDRI Junior Research Fellow for M.Sc. degree program.</li> <li>• NDRI Senior Research Fellowship for Ph.D.degree program,</li> <li>• Awarded Department of Biotechnology Overseas Associateship,1997, for pursuing postdoctoral program at the Dept. Ecology, Environment and Organismal Biology,Tulane University,New Orleans,USA</li> </ul>
<b>Research Experiences</b>	<ul style="list-style-type: none"> <li>• Biochemistry of Finfish and Shellfish</li> <li>• Finfish and Shellfish Reproduction</li> <li>• Digestive Physiology of finfish/ Nutrition of peninsular carps</li> </ul>
<b>Current Research Interests</b>	<ul style="list-style-type: none"> <li>• Digestive Physiology of finfish/ Nutrition of peninsular carps</li> <li>• Induced breeding of Peninsular carps</li> <li>• Nutrient availability from feed ingredients to peninsular carps</li> <li>• Nutrient Profiling of carps form the reservoirs of Karnataka region</li> </ul>
<b>Current Research Projects</b>	<ol style="list-style-type: none"> <li>1. Aquaculture of peninsular medium carps and ornamental fishes</li> <li>2. Evaluation of carbohydrate availability from conventional and non- conventional sources in medium carps.</li> <li>3. Outreach Activity on Nutrient Profiling and Evaluation of Fish as a Dietary Component</li> <li>4. Outreach activity on Fish Feeds</li> </ol>
<b>Publications</b>	<ol style="list-style-type: none"> <li>1. Jairam Prasad Kushwaha, <b>N. Sridhar</b>, Umalatha, Vadlapudi Kumar, K.P. Hema Prasanth, M.R. Raghunath, A.E. Eknath.2012 Partial Purification and Characterization of Amylases from the Digestive Tract of the Indian Medium Carp <i>Labeo fimbriatus</i> (Bloch, 1797) The Israeli Journal of Aquaculture - Bamidgeh, IJA_64,686-693.</li> <li>2. <b>N. Sridhar</b>, K.P. Hemaprasanth., Manpal Sridhar.,M.R. Raghunath.2010. Nutritional Efficacy of <i>Spirulina Platensis</i> in enhancing growth and survival in <i>Labeo fimbriatus</i> fry. Indian J.Anim Nutrition. 27(3):314-321.</li> <li>3. K.P. Hemaprasanth, A. Raghavendra, Ravinder Singh, <b>N. Sridhar</b>, M.R. Raghunath 2008. Efficacy of doramectin against natural and experimental infections of <i>Lernaea cyprinacea</i> in carps. <i>Veterinary Parasitology</i> <b>156</b>:261–269.</li> </ol>

4. Manpal Sridhar **N.Sridhar** and M. Chandrashekar 2008. Bacterial Biomass as feed for rearing of *Penaeus indicus* (H. Milne Edwards) Larvae. *Indian.J.Anim.Nutr.*:25 .25-30.
5. Chitra, C.P., K.Ganesh, V.Vasudev, **N.Sridhar**, K.Hemaprasanth and M.R.Raghunath 2008. Efficacy of Sanitizers on the shelf life of Rohu steaks stored at two refrigeration temperatures. *Fishery Technology* **45**(2):197-208
6. Raghunath, M.R., Hemaprasanth, **Sridhar, N.**, Chitra, C.P and Ganesh, K., 2007. simulated Live transportation of Fishes in Tanks Under Light and Dark conditions. *Fishery Technology* :44(2) pp-187-192.
7. Manpal Sridhar, **N.Sridhar**, P.A.W. Robertson and B. Austin (2006) Role of gut probiotics in enhancing growth and disease resistance in Rainbow Trout (*Oncorhynchus mykiss*, Walbaum ) Fingerlings. *Asian Fisheries Science* 19:1-13
8. Hemaprasanth, **N.Sridhar** and M.R.Raghunath. 2006. Efficacy of nine laboratory chemicals against the free living development stages of *Lernaea cyprinacea*. *J.Vet.Parasitology*. 20(1):37-40.
9. Ajitha. S., M. Sridhar, **N. Sridhar**, ISB. Singh and V. Varghese., 2004. Probiotic Effects of lactic Acid Bacteria Against *Vibrio Alginolyticus* In *Penaeus* (*Fenneropenaeus*) *Indicus* (H. Milne Edwards) *Asian Fisheries Science*, 17 (1):71-80 Asian Fisheries Society, Manila, : Philippines
10. Grace Mathew, N.K.Sanil, **N.Sridhar**, K.S.Leela Bhat, R.Kambadkar and N.Palaniswamy., 2002. Experiments on broodstock development and spawning of *Epinephelus tauvina* (Forsk.) *Ind.J.Fisheries* .,49(2) : 135-139.
11. P.Kaladharan and **N.Sridhar**. (1999). Cytokinins from Marine Green Alga *Caulerpa racemosa* (Kuetz) Taylor. *Fishery Technology* :36(2) pp-87-80
12. Kaladharan, P., Gopinathan, C.P & **Sridhar, N.** 1999 Basic biochemical constituents in the laboratory cultures of six species of Micro Algae. The Fourth Indian Fisheries Forum Proceedings. p.311-312.
13. Anilkumar, P & **Sridhar, N.** 1993 Characterisation of Phenol oxidase of *Penaeus indicus*, *Ind.J.Fisheries*, 40(4):251-255

## Book Chapters / Manuals/ Bulletins

1. **N.Sridhar**. Digestive enzymes of carps- a tool in feed formulation In: *Riverine and Reservoir fisheries of India* (Boopendranath, M.R., Meenakumari, B., Joseph, J, Sankar, T.V., Pravin, P., Edwin, L, (eds) p288-299 (2002) Society of Fisheries Technologists (I). 2.
2. Smitha.K.S, **N.Sridhar** and Manpal Sridhar (2002) Investigations on the Digestive enzyme profile of Some Shrimp Feeds.The Fifth Indian Fisheries Forum Proceedings. (Eds). S.Ayyappan, J.K.Jena and M.Mohan Joseph. Published by AFSIB, Mangalore and AOA, Bhubaneswar, India



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