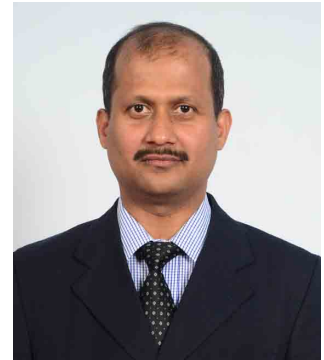




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<b>Name</b>	<b>Dr P. K. Pradhan</b>
<b>Designation</b>	Senior Scientist
<b>Date of birth</b>	05.01.1973
<b>Professional experience</b>	Eight Years
<b>Qualification</b>	M.F.Sc., Ph.D.
<b>Area of Research Expertise</b>	Fish Disease Diagnosis and Immunology



- Current areas of Research**
- Use of polymerase chain reaction for detection of *Aphanomyces invadans* for surveillance
  - Immune response of Indian major carps against *Aphanomyces invadans*
  - Study of fish larval organogenesis

- Awards/ Recognitions**
- **Best Teacher Award** for the years 2003-2007 at College of Fisheries under Central Agricultural University, Agartala, Tripura

- Publication (no.)**
- **Research papers** 8
  - **Reviews** 3
  - **Book Chapters** 3
  - **Popular articles** 1

**Important Research Publications**

**Pradhan P K**, Mohan C V, Shankar K M and Kumar M B (2010). Injection of forty -five day old fingerlings of common carp with zoospores of *Aphanomyces invadans* leads to histopathological lesions suggestive of Epizootic Ulcerative Syndrome (EUS). *Asian Fisheries science*, (in press)

**Pradhan P K**, Mohan C V, Shankar K M and Kumar M B (2008a). Susceptibility of fingerlings of Indian major carps to *Aphanomyces invadans*. *Asian Fisheries science*, **21(4)**, pp.369-375.

**Pradhan P K**, Mohan C V, Shankar K M and Kumar M B (2008b) Inflammatory response in Indian major carp, *Catla catla* and barb, *Puntius cauveriensis* to *Aphanomyces nvadans* and Freund's complete adjuvant. *Asian Fisheries science*, **21(4)**: pp.385-394.

**Pradhan P K**, Mohan, Shankar C V, K M and Kumar M B. 2008c. Infection experiments with

*Aphanomyces invadans* in advanced fingerlings of four different species of carp. In. *Diseases in Asian Aquaculture- VI*(eds. M.G. Bondad-Reantaso, C.V. Mohan, M. Crumlish and R.P.Subhasinghe), pp. 105-114. Fish Health Section, Asian Fisheries Society, Manila.

**Pradhan P K**, Mohan C V, Shankar K M and Kumar M B (2007a). Sequential inflammatory response of fingerlings of Indian major carps to *Aphanomyces invadans*. *Indian Journal of Fisheries*, **54(4)**: pp.389-396

**Pradhan P K**, Mohan C V, Shankar K M, Kumar M B and Devaraja Gayathri (2007b). Yearlings of Indian major carps resist infection against the Epizootic ulcerative syndrome pathogen, *Aphanomyces invadans*. *Current Science*. Vol. **92(10)**: pp.1430-1434.