General Information

Name: Sujata Subhash Bhatt
M.Sc. Ph.D in Zoology

Date of Birth: 15-01-1956

Address(Residential): **"**Shree Ram Thirth
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Present position: Associate professor

Department: Department of of Biosciences, Sardar Patel University

Area of Specialization: Zoology- Aquaculture nutrition; Endocrinology

Date of Appointment:

(i) In the Institute: 04-07-1994
(ii) In the Present Post: 01-06-2008

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Teaching and Research Experience: 22 years

Title of thesis for doctoral degree: Some endocrine factors and physiology of the integument in male Indian baya weaver bird *Ploceus philippinus* L.

Project Completed:

(I) UGC Major Research Project on "An integrated approach for feed development for Indian Major Carps(IMCs) to enhance their Production by using probiotics, Enzymes and agro based unconventional feed".F.No.31-228/20058 (SR) Dated 31-03-2006 Rs. 9,63,300/-

(I) UGC Major Research Project on "An investigation into the development of alternative carp feed using prebiotics, probiotics and fermentation".F.No.39-659/2010 (SR) Dated 11-01-2011 Rs.6,69,800/-

Students completed Ph. D: two

Number of Ph.D students working: One

Papers Published:

(1) Sandeep Chovatiya; Sujata Bhatt; Amita Shah and Prabhat Dube. (2016) "An investigation on the use of *Prosopis juliflora* pods as carbohydrate source supplemented with probiotics in the diet of *Labeo rohita* fingerlings", Accepted in Iranian Journal of Fisheries Sciences. A-10- 820-1, February 16

(2) Sukhanandi SM and Bhatt SS (2016) Corn steep liquor with lysine and chelated minerals as supplementary feed for Labeo rohita fingetrlings. International Journal of Fisheries and Aquatic Studies. Vol 4(3). 180-187

(3). Dhiraj Chavda and Sujata Bhatt (2014). Occurrence of black gill disease in Peaneus monodon cultured in South Gujarat: A histopathology and antioxidant enzyme profile. Life Sciences Leaflets. Vol. 51. 18-32

(4) Sukhanandi Sarasvati; Bhatt Sujata and Shah Amita (2014). Effects of fermentation on nutritional quality of Prosopis juliflora pods as alternative fish feed. Res.J.Animal, Veterinary and Fishery Sci. Vol. 2(12). 1-7

(5) Chavda Dhiraj and Bhatt Sujata (2014). The histopathological and ultrastructural analysis of microsporidian infection in catla (Catla catla) and their effects on antioxidant enzymes and protein expression. International Journal of advanced Research. Vol 2 (1), 608-624

(6) Bhatt S.S**.**, Chovatiya S.G. and Shah A.R. (2010) Evaluation of raw and hydrothermically processed *Prosopis juliflora* seed meal as supplementary feed for the growth of *Labeo rohita* fingerlings. Aquaculture Nutrition, DOI 10.1111/j.1365-2095.2009.00745.

(7) Chovatiya S. G., Bhatt S. S**.** and Shah A. R. (2010) Evaluation of corn steep liquor as a supplementary feed for *Labeo rohita* (Ham) fingerlings. Aquaculture International, DOI 10.1007/s10499-010-9336-5.

(8) S.S Bhatt, S.G. Chovatiya, A.R. Shah and J.V. Katakiya (2010) Effects of enzyme supplementation in practical diet for rohu (*Labeo rohita*) fingerlings. Jr. of Pure and Applied Sciences, Vol. 18: 9-12

(9) Chavda D., Bhatt S.S**.**, Shreepada R.A. and Sheth A. (2010) Pathogenicity of myxobolous infection and its effect on protein expression in *Catla catla* in Central Gujarat region. Jr. Cell and Tissue Research 10(1): 1-7.

(10) Bhatt S.S., Chavda D.V. and Sreepada R.A. (2011) Protein expression and microscopic evidence of white spot syndrome virus (WSSV) in tiger prawn (*Penaeus monodon).* Current Trends in Biotechnology and Pharmacy, Vol. 4(5): 1011-1020 .

(11) S.S. Bhatt and A.V.R.L.Narasimhacharya, (2005) Influence of Testosterone propionate and Cyproterone acetate on the pigmentation and integumentary metabolism in male baya weaver bird *Ploceus philippinus* L., Jr. Pure and Applied Sciences, 13:1-11.

(12) S.J.Bhatt and S.S.Bhatt (2004) On the phenomenology of enzyme substrate recognition, Indian Jr. Physics 78(6):445-453.

(13) S.S.Bhatt and A.V.R.L.Narasimhacharya (1994) Effects of thiourea and thyroxine on plumage pattern and integumentary metabolismin male baya, *Ploceus philippinus* L.,Jr. Pure and Applied Sciences, 4:1-5.

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