



**Dr. Sudesh Rani**

[sudesh\\_zoology@rediffmail.com](mailto:sudesh_zoology@rediffmail.com)

**i) Educational qualifications**

Degree	Year of passing	University/Institution
Ph.D	2007	CCSHAU, Hisar
PG	2004	CCSHAU, Hisar
UG	2001	KUK

**ii) Career Profile**

Designation	Institution	Duration
Asstt. Professor	M.D. University	2008 to till date

**iii) Projects awarded**

Appointed as a PI Project entitle “Effect of replacement of fish meal in commercial aquafeeds by soybean on growth and metabolism of most valuable fresh water cultivated fish species” sponsored by the UGC.

**iv) Participation in National/International workshop/seminar/conferences=20**

**v) Presentation of paper in National/International workshop/seminar/conferences=9**

**vi) Publications**

1. **Sudesh Rani**, S.K. Garg, V.P. Sabhlok and Anita Bhatnagar 2004. Intestinal enzyme activity and enzyme producing microbial flora in relation to feeding behaviour in some brackishwater Teleosts. *J Aquaculture*, volume 12: 55-68.
2. **Sudesh Rani** 2010. Effect of pinealectomy on the thermoregulation of the Cat fish, *Clarias batrachus*. Natl. Seminar on Computing Life: Raw to Refined, Volume- 1 Pp-44-49.

3. **Sudesh Rani** and V.P. Sabhlok 2010- Influence of continuous light and darkness on ultrastructure of endocrine pineal complex of Cat fish. *H.fossilis*, Proceedings Nat. Conf. Environ. Health Issues: In a changing climate scenario, Pp-221-229
4. **Sudesh Rani** and V.P. Sabhlok 2011. Effects of Pineal Gland Removal on Electrolyte Balance and Osmolality of the Cat Fish *Clarias Batrachus* at Different Salt Concentrations. Reviewed Proceedings of National Seminar on Internet: Applications in Research, ISBN: 978-81-920945-1-9, pp-33-35
5. **Sudesh Rani** and V.P. Sabhlok 2011. Effects of Surgical Ablation of Pineal Gland on the Vertebral Column of Catfish, *Clarias batrachus*. Reviewed Proceedings of National Seminar on Internet: Applications in Research, ISBN: 978-81-920945-1-9, pp-143-145.
6. **Sudesh Rani** (2011). Internet resources in marine fishery sciences. Natl. Seminar proceeding, Internet: Applications in Research, 163-167
7. Sourindra Nath Jana, **Sudesh**, Sudhir Krishan Garg, Vinod Pal Sabhlok & Anita Bhatnagar 2012. Nutritive evaluation of lysine- and methionine-supplemented raw vs heat- processed soybean to replace fishmeal as a dietary protein source for grey mullet, *Mugil cephalus*, and milkfish, *Chanos chanos*. Journal of Applied Aquaculture, 24:1, 69-80
8. **Sudesh Rani**, V.P. Sabhlok and S.K. Garg (2012). Effect of pineal removal on growth and metabolism of catfish, *Clarias batrachus* Natl. Seminar proceeding "Challenges in combating diseases: cause to cure". Pp: 37-44
9. **Sudesh Rani** 2014. Nutritive evaluation of supplemented raw vs heat processed soybean to replace fishmeal as a dietary protein source for *Cirrhinus mrigala*, mrigal *Cibtech Journal of Zoology ISSN: 2319-3883, Vol. 3 (1), pp.49-54*
10. **Sudesh Rani** and V.P. Sabhlok 2014. Effect of pinealectomy on plasma Na<sup>+</sup>, K<sup>+</sup> and Ca<sup>+2</sup> in catfish *Clarias batrachus* under different salinity. *Indian Journal of Fundamental and Applied Life Sciences ISSN: 2231-6345, Vol. 4 (2), pp.67-69*
11. **Sudesh Rani** and V.P. Sabhlok 2014. Effect of melatonin administration on growth and metabolism of catfish *clarias batrachus* under different photoperiods. *Journal of international academic research for multidisciplinary*. Impact factor 1.393, ISSN: 2320-5083, volume 2, pp 627-635.
12. **Sudesh Rani** 2014. Fish meal replacement by soybean meals in extruded feeds for *carassius auratus*, common goldfish. *Journal of international academic research for multidisciplinary*. Impact factor 1.393, ISSN: 2320-5083, pp- 450-359.

13. **Sudesh Rani** and Manisha Kaushik 2014. Use of enzymes in detergent on intestinal enzyme activity in fish, *Cirrhinus mrigala*, mrigal. *Indian Journal of Fundamental and Applied Life Sciences* ISSN: 2231-6345. pp.107-109
14. **Sudesh Rani** 2014. Isolation and characterization of enzymes producing microbial flora from gastro intestinal tract of freshwater fish *cirrhinus mrigala* in response to different diets. *Journal of international academic research for multidisciplinary*. Impact factor 1.625, ISSN: 2320-5083, pp- 411-421