

## FACULTY PROFILE

Name : Dr. Dilip Kumar Swain  
Designation : Assistant Professor  
Date of Birth : 4<sup>th</sup> July, 1980  
Address : C-12, OLD CAMPUS, VETERINARY  
COLLEGE, DUVASU, MATHURA,  
UTTARPRADESH- 281001 (INDIA).



**Phone:** (Off) 0565 2471288      Mobile: 9410272590, 9837801269

**Email:** dilip\_swain@yahoo.com, dlp.swain@gmail.com

### **Academic Qualification:**

- B.V.Sc.& A.H. (2004), OUAT, Bhubaneswar
- M.VSc. (2007), OUAT, Bhubaneswar
- Ph.D (2014), NDRI, Karnal, Haryana.

**Area of Specialization:** Reproductive Physiology and Immuno Physiology

**Current Area of working:** Stress signaling Pathways in Spermatozoa, Ion Channels in regulating sperm function, and Neutrophil trafficking in health and disease

### **Academic Objective:**

- ✓ To be a part of Research and Development team in prominent Research Institutions, where I can find the opportunity to intensify my knowledge and aptitude
- ✓ To develop an excellence in the field of physiology with special expertise in reproduction and immune physiology.
- ✓ To use my learned knowledge and skills to build confidence in the young minds for the betterment of the science, my institution and my country.

### **Technical Skills:**

- ✓ Advanced proteomic and genomic tools
- ✓ Isolation and culture of immune cells and their evaluation of functional competence
- ✓ Fluorescence microscopy, Scanning electron microscopy, and Confocal Microscopy for 3-D imaging of cells
- ✓ Flow cytometry in evaluating cellular parameters
- ✓ Basic molecular techniques for routine laboratory works

### **Professional Position held**

- **Assistant Professor** (Sept, 2006 to July, 2008), KBRC, Cuttack, Orissa
- **Assistant Professor** (10<sup>th</sup> July, 2009 to till date), DUVASU, Mathura

### **Membership of Professional Organizations:**

- Life time member of the Indian Veterinary Association.
- Life time member of SVSBT
- Life time member of the society of animal physiologist of India (SAPI).
- Life time member of the society for conservation of biodiversity.
- Life time member of the society for study of animal reproduction (ISSAR)

**Publication (No. only):**

- Manual : 8
- Research Papers : 37
- **Popular Articles** : 4

**Achievements:**

- University gold medal in MVSc physiology
- Best Young Teacher award by KBRC, Orissa.
- Pride of Orissa award by Asha Memorial Trust
- Represented University & College in state cricket championship.
- Represented school & college in state level debate & essay competition.
- Won best debater award in The All India Cultural Programme, Revery, 2009.
- 2008-2009: Qualified for ICAR- SRF for PhD
- 2004-2007: University Merit Scholarship for post graduation
- 1998-2004: University Merit Scholarship throughout the undergraduate career in OUAT, Bhubaneswar, India.
- 2006- 2007: Student Representative, Departmental Advisory Committee.
- 1991-1995: National Rural Talent Search Scholarship holder, Dept. of School and Mass Education; Govt. of Orissa, India.
- Qualified ICAR NET conducted by ICAR, New Delhi.