



## Faculty Details proforma

Title	DR.	First Name	SUNIL	Last Name	KUMAR	Photograph
Designation	ASSISTANT PROFESSOR					
Address	H.NO. F-487, AZADPUR, DELHI 110033					
Phone No	Office	011-23233420				
	Residence	011-27210050				
	Mobile	9810155414				
Email	skumar.zoology@gmail.com					
Web-Page						
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	University of Delhi				2011	
M.Phil.	University of Delhi				2005	
M.Sc.	University of Delhi				2003	
B.Sc.	University of Delhi				2001	
Career Profile						
Teaching Experience: ~ Six Years Working as Assistant Professor in Department of Zoology, Zakir Husain Delhi College, University of Delhi since August 2010.						
Administrative Assignments						
Teacher-in-Charge (2016-17)						
Areas of Interest / Specialization						
Comparative Endocrinology and Reproductive Physiology, Immuno-endocrinology,						
Subjects Taught						
Zoology						
Research Guidance						
<i>Nil</i>						
Publications Profile						
1. Balbir Singh Chingtham, Sanayairangchan Kshetrimayum, Deepankar Haldwani, Monik Khumanthem, Gaurav Kaushik, Andaj Raj, Meenakshi Ahuja, Haridarshan Thakur, Irengbam Priyobata Singh, Sanjeev, Kumar, Sunil Kumar (2015). Declining Population of Phabou Nga ( <i>Puntius sophore</i> ), A Staple Dietary Fish in Manipur: Ensuing Concerns. <u>DU Journal of</u>						

Undergraduate Research and Innovation (90-101). ISSN 2395 – 2334.

2. Sunil Kumar and Umesh Rai (2011). Dynorphin regulates phagocytic activity of splenic phagocytes in wall lizards: involvement of  $\kappa$ -opioid receptor-coupled AC-cAMP-PKA pathway. J. Exp. Bio. 214, 4217-4222. **ISSN NO. 0022-0949**
3. Sunil Kumar and Umesh Rai (2011). Immunomodulatory role of substance P in the wall lizard *Hemidactylus flaviviridis*: An *in vitro* study. Neuropeptides 45: 323–328. **ISSN NO. 0143-4179**
4. Sunil Kumar and Umesh Rai (2011). Neuropeptide Y, an orexigenic hormone, regulates phagocytic activity of lizard splenic phagocytes. Peptides 32 (6):1324-1329. **ISSN NO. 0196-9781**
5. Sunil Kumar, Soma M. Ghorai, and Umesh Rai (2011).  $\beta$ -Endorphin inhibits phagocytic activity of lizard splenic phagocytes through  $\mu$  receptor-coupled adenylate cyclase-protein kinase A signaling pathway. Gen. Comp. Endocrinol. 171 (3):301-8. **ISSN NO. 0016-6480**
6. Sunil Kumar, Brototi Roy, Umesh Rai (2011). **Hormonal Regulation of Testicular Functions in Reptiles.** In David O. Norris and H. Lopez (Eds.), "Hormones and Reproduction of Vertebrates" Vol. 3-Reptiles. pp 63-88 Academic Press USA.
7. Umesh Rai and Sunil Kumar (2008). "**Pregnancy**" chapter published in the **E-Book on Reproductive Biology published by National Science Digital Library, CSIR, New Delhi, India** (Link: <http://nsdl.niscair.res.in/handle/123456789/571>). NA.
8. Roy B, Singh R, Kumar S. and Rai U (2008). Diurnal variation in phagocytic activity of splenic phagocytes in freshwater teleost *Channa punctatus*: melatonin and its signaling mechanism J Endocrinol. 2008; 199(3): 471-80. **ISSN NO. 0022-0795**

<b>Conference Organization/ Presentations (in the last three years)</b>
<b><u>In the last three years: Nil</u></b>
<b>Research Projects (Major Grants/Research Collaboration)</b>
1. DU-funded Innovation Project "Designing a mathematical model to solve the upcoming water crisis in the Noida/Greater Noida region."
<b>Awards and Distinctions</b>
<b>Nil</b>
<b>Association With Professional Bodies</b>
<b>Life member of "Indian Society for Comparative Endocrinology".</b>
<b>Other Activities</b>
1. <b>Mentored 10 Students on Gyanodaya V Educational Trip "The Glory of the North East" organized by University of Delhi from December 18, 2014 to December 29, 2014.</b>

Signature of Faculty Member