NAYAGARH AUTONOMOUS COLLEGE, NAYAGARH
TEACHERS' PROFILE

01	Name	DR DEEPAK RANJAN SAHOO	
02	Designation	Lecturer	
03	Department	Zoology	
04	Phone No.	8249850756	
05	E mail	uudeepak@gmail.com	
06	Highest Qualification		
	I) Name of Degree	Ph. D.	
	II) Institute	Utkal University, Vani Vihar, Bhubaneswar, Odisha	
	III) Discipline	Zoology	
	IV) Year	2014	
07	Specialization/Research Area	Molecular Endocrinology	
08	Experience	3 yrs	
09	Subject Teaching	Zoology	
10	Honours & Awards/Achievements		
11.	Refresher/Orientation courses/Short term course	three	
12	Seminar/Conferences/Workshop/ Symposia	eleven	
13	Research papers published (last two years)	1. Roy, P., Rout, A.K.,Maharana J., **Sahoo, D.R**., Panda S.P., Pal, A., Nayak K.K., Behera, B.K., Das, B.K. (**2019**). Molecular characterization, constitutive expression and GTP binding mechanism of *Cirrhinus mrigala* (Hamilton, 1822) Myxovirus resistance (Mx) protein ***International Journal of Biological Macromolecules*** 136: 1258–1272. 2. B.K., Das, Roy, P., Rout, A.K., **Sahoo, D.R**., Panda S.P., Pattanaik, S., Dehury, B, Behera, B.K., Mishra, S.S. (**2019**). Molecular cloning, GTP recognition mechanism and tissue-specific expression profiling of myxovirus resistance (Mx) protein in *Labeo rohita* (Hamilton) after Poly I:C induction ***Scientific Reports*** 9: 3956–3975.	
14	Books/Chapter published	nil	
15	Consultancy/Projects/Visiting Faculty	nil	
16	Research Guidance	nil	
17	Extra Responsibility	Prof I/C, Water supply and furniture, Nayagarh (Auto) college, nayagarh	
18	Any other	**1. Patent filed:** Basanta Kumar Das, Pragya Roy, **Deepak Ranjan Sahoo.** 2014. Process for Purification of ABC	

		binding protein of *Aeromonas hydrophila.* Patent application No. 672-KOL-2014-CBR0001 **2.** NCBI GenBank Database Submissions**:** 23 **3.** Qualified Graduate Aptitude Test for Engineering (GATE) in the year 2005 and 2006 with percentile scores 90 and 93 respectively. **4.** Worked as a Research Associate at National Brain Research Centre, Gurgaon from Jun 2013 to May 2014. **5.** Qualified Central Teachers Eligibilty Test (CTET) conducted by CBSE in 2015. **6.** Worked as Asst scientific officer (CID, CB, Home Dept, Govt of Odisha) from 2016 to 2020 and resigned from this job to join as Lect in Zoology (SSB sponsored) by DHE, Govt of Odisha since Jan, 2020. **7.** Completed B.Ed. from RNIASE, Cuttack (Utkal University), Odisha in 2015 **8.** Completed a Diploma in IT from NIIT, Bhubaneswar in 2015. **9.** Selected for appearing the viva-voce for PhD programme after successful completion of three level tedious selection procedure conducted by TIFR-NCBS, Bangalore in the year 2004.
19	Brief Profile	Worked as a research scholar in two projects *viz,* "Vitellogenin and its molecular expression in Indian major carp, *Catla catla* (Ham.)" and "Molecular studies on the HUFA synthesizing capabilities in rohu, *Labeo rohita* (Ham.)" at Fish Genetics and Biotechnology Division, Central Institute of Freshwater Aquaculture (CIFA) from Feb 2006 to Sept 2010 and in Fish Health and Management Division (CIFA) from Oct 2011 to May, 2013 in a DBT-funded project entitled "Production and expression of antiviral Mx protein in carps". Earlier have been involved in an inter collaborative project (in between CIFA, Bhuabaneswar and CCMB, Hyderabad) on DNA vaccine for *A. hydrophila.* On Jun, 2013 joined as a Post-Doc fellow at National Brain Research Centre, Gurgaon, Haryana. At NBRC, my work was related to the neuropathology of Alzheimer's Disease and Prion disease.

Signature of the teacher