Faculty Profile

<table>
<tr><td>Name</td><td colspan="4">SAIKAT BISWAS</td><td rowspan="4">  </td></tr>
<tr><td>Designation</td><td colspan="4">ASSISTANT PROFESSOR</td></tr>
<tr><td>Department</td><td colspan="4">ZOOLOGY</td></tr>
<tr><td>Teaching Experience</td><td colspan="4">08 YEARS</td></tr>
<tr><td>Area of Specialization</td><td colspan="5">MOLECULAR BIOLOGY</td></tr>
<tr><td>Date of Joining at BCS</td><td colspan="5">06.12.2019</td></tr>
<tr><td rowspan="5">Academic Qualification</td><td>Degree</td><td>Stream</td><td colspan="2">College/University</td><td>Year of Passing</td></tr>
<tr><td>PhD</td><td>ZOOLOGY</td><td colspan="2">RTM Nagpur University</td><td>2014</td></tr>
<tr><td>M.Sc.</td><td>ZOOLOGY</td><td colspan="2">University of Pune</td><td>2008</td></tr>
<tr><td>B.Sc.</td><td>ZOOLOGY</td><td colspan="2">University of Pune</td><td>2006</td></tr>
<tr><td>CSIR-NET</td><td colspan="4">CSIR-JRF (2009), CSIR-LS (2008,2009)</td></tr>
<tr><td>Research Interest</td><td colspan="5">Neurobiology, Neuroendocrinology, Nanomaterials</td></tr>
<tr><td>Link of Recent Research Articles/ Google Scholar Profile</td><td colspan="5">Peer Reviewed Journals

1. Palande, N.V., Biswas, S., Jadhao A.G. (2011) The ontogeny of Mauthner cells in the brain of Labeo rohita as revealed by NADPH-d and NOS immunohistochemistry. Brain Str. Func. 216: 67-75. Impact factor 5.618

2. Biswas, S.P., Palande N.V., Jadhao A.G. (2011) Nitric oxide inhibited the melanophore aggregation induced by extracellular calcium concentration in snakehead fish, Channa punctatus. Fish Physiol. Biochem. 37:919-927. Impact factor 1.662

3. Biswas S.P., Jadhao A.G., Palande N.V. (2014) Role of catecholamines and nitric oxide on pigment displacement of the chromatophores of freshwater snakehead teleost fish, Channa punctatus. Fish Physiol. Biochem. 40: 457-467. Impact factor 1.662

4. Biswas, S., Jadhao A.G., Pinelli, C., Palande, N.V., Tsutsui K. (2015) GnIH and GnRH expressions in the central nervous system and pituitary of Indian major carp, Labeo rohita during ontogeny: An immunocytochemical study. Gen. Comp. Endocrinol. 220:88-92. Impact factor 2.470

5. Pinelli, C., Jadhao, A.G., Biswas, S.P., Tsutsui, K., D'Aniello, B. (2015)Neuroanatomical Organization of the Brain Gonadotropin-Inhibitory Hormone and Gonadotropin-Releasing Hormone Systems in the Frog Pelophylax esculentus. Brain Behav. Evol. 85(1):15-28. Impact factor 2.013

6. Biswas, S.P., Jadhao, A.G., Bhoyar, R.C., Palande, N.V., Sinh, D.P. (2015) Neuroanatomical localization of nitric oxide synthase (nNOS) in the central nervous</td></tr>
</table>

	system of carp, Labeo rohita during post-embryonic development. Int. J. Dev. Neu. 46: 14-26. Impact factor 2.580 7. Palande, N.V., Bhoyar, R.C., Biswas, S.P., Jadhao, A.G. (2015)Short-term exposure to L-type calcium channel blocker, verapamil alters the expression pattern of calcium binding proteins in the brain of goldfish, Carassius auratus. Comp. Biochem. Physiol. Part C. 176-177: 31-43 Impact factor 2.301 8. Jadhao, A.G., Biswas, S.P., Bhoyar, R.C., Pinellie, C. (2017)The distribution of nicotinamide adenine dinucleotide phosphate-diaphorase(NADPH-d) in the medulla oblongata, spinal cord, cranial and spinal nerves of frog,Microhyla ornata. J. Chemical Neuroanatomy. 81:76-86. Impact factor 1.80 9. Bhoyar, R.C., Jadhao, A.G., Sivasubbu, S., Singh, A.R., Sabharwal, A., Palande, N.V., Biswas, S.. 2017 Neuroanatomical demonstration of calbindin 2a-and calbindin 2b-like calcium binding proteins in the early embryonic development of zebrafish: mRNA study. J. Dev Neurosci. 60: 26-33. Impact factor 2.580
Memberships /Affiliations	-
Profile Highlights/ Achievements	Research Grants award by RAJIV GANDHI SCIENCE AND TECHNOLOGY COMMISSION, GOVERNMENT OF MAHARASHTRA, through RTMNU on "**Investigations on larvicidal activity of different green synthesized nanoparticles on various genus of mosquitos found in Wardha region"**
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