

## CURRICULUM VITAE

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1. **Name:** Dr. Gautam Geeta Jiwatram
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Banaras Hindu University, Varanasi - 221005
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  4. **Contact number(s):** 9415992482; 9369035364
  5. **Institution:** Zoology Department , Mahila Mahavidyalaya, BHU,  
Varanasi-05
  6. **Designation:** Assistant Professor
  7. **Academic Qualification** (Undergraduate Onwards)

Examination	Name of the Board/ University	Year of passing	Percentage of Marks obtained	Div./ Grade	Subjects
Graduation	University of Mumbai	1997	80.00	1 <sup>st</sup>	Zoology
Post Graduation	University of Mumbai	1999	71.80	1 <sup>st</sup>	Zoology
Professional Graduation: <b>BEd</b>	University of Mumbai	2002	10/12 (Grade points)	1 <sup>st</sup>	Science and Math

Other examinations / Super-Specialization, if any	CSIR - NET	Dec. 2005			Life Science
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### 8. Ph.D

Ph.D. Title	Guide Name	Year of award	Institute/Organization/University
<b>Alkylphenol (4-Nonylphenol) toxicity in the catfish <i>Heteropneustes fossilis</i> in relation to reproduction</b>	Prof. K. P. Joy (Supervisor)  Dr. Radha Chaube (Co-supervisor)	Thesis submitted <b>2014</b>  Degree awarded in convocation held in <b>2016</b>	Department of Zoology, Institute of science, Banaras Hindu University, Varanasi -05

### 9. Work experience (in chronological order).

S.No.	Positions held	Name of the Institute	From	To	Pay Scale
1.	Assistant Professor (Stage 2)	Zoology department, MMV , Banaras Hindu University	31 <sup>st</sup> Nov. 2013	Till date	PB: 3; 15600 – 39100; AGP: 7000
2.	Assistant Professor	Zoology department, MMV, Banaras Hindu University	31 Oct. 2007	30 <sup>st</sup> November 2013	PB: 2; 15600 – 39100; AGP: 6000
3.	Assistant Teacher	CHBS, BHU	14 July 2006	31 Oct. 2007	9300 – 34800 GP: 4800

**10. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received by the applicant.**

S.No	Name of Award	Awarding Agency	Year
1.	CSIR - NET	CSIR	2005
2.	Ist prize in paper presentation	In National Symposia On Zoological Sciences "Recent Challenges and Its Applications in Medical Research" ,3rd- 4th February 2012.	2012
3.	College topper in BSC Zoology	K. V. P. College, University of Mumbai	1997
4.	College topper in MSC Zoology (Endocrinology)	BNN college, University of Mumbai	1999

**11. Field of specialisation: Endocrinology and Toxicology**

**12. Publications (List of papers published in SCI Journals, in year wise descending order).**

S.No	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	<b>Geeta J. Gautam</b> and Radha Chaube	Differential effects of heavy metals (Cadmium, Cobalt, Lead and Mercury) on oocyte maturation and ovulation of the catfish <i>Heteropneustes fossilis</i> : An <i>in vitro</i> study	Turkish Journal of Fisheries and Aquatic Sciences	18	1205-1214	20178
2.	<b>Geeta J. Gautam,</b> Radha Chaube and Keerikattil P. Joy.	<i>In vitro</i> effects of 4-nonylphenol on oocyte maturation, and on ovarian steroid hormone dynamics in the catfish <i>Heteropneustes fossilis</i>	Aquaculture studies	-	-	2018 Communicated
3.	<b>Geeta J. Gautam,</b> Radha Chaube and Keerikattil P. Joy.	Toxicity and tissue accumulation of 4-nonylphenol in the catfish <i>Heteropneustes fossilis</i> with a note on prevalence of 4-NP in water samples. 2015 pp1-12	Endocrine Disruptor, Taylor and Francis online	<u>Volume 3, Issue 1,</u>	e9814 42- 1-12	2015
4.	Radha Chaube, <b>Geeta J. Gautam</b> and Keerikattil P. Joy	Teratogenic effects of 4-Nonylphenol on early embryonic and larval development of the catfish <i>Heteropneustes fossilis</i>	Arch. Environ. Contam. Toxicol	Volume 64, Issue 4	pp 554-561	2013

5.	<b>Gautam GJ,</b> Chaube R, Joy KP	4-nonylphenol impairs ovarian recrudescence and induces atresia in the catfish <i>Heteropneustes fossilis</i> . In proceedings of 9 <sup>th</sup> International Symposium on Reproductive Physiology of Fish. Cochin, India	Indian Society for Education and Environment (ISEE) ISSN: 0974-6846	Vol: 4 Issue: S8	pp-165-166	2011
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### 13. Workshop attended

Date	Title	Duration	Institution were organised
1 -7 <sup>th</sup> March 2017	Maternal and newborn care: Issues and challenges	7 days	Institute of Science, Banaras Hindu University, Varanasi - 05

### 14b. Publication (other than referred journal)

- i. **Gautam G. J,** Chaube R and Joy K P, 2015. Modulation of antioxidant defence system in the catfish *Heteropneustes fossilis* after chronic exposure of 4-Nonylphenol. International Symposium on Reproduction Biology & Comparative Endocrinology, 25-27 February 2015, organized by the Reproduction Biology & Endocrinology Unit of the Department of Zoology, Banaras Hindu University, Varanasi.
- ii. **Geeta J. Gautam,** Radha Chaube, K.P.Joy, 2015. Atretic changes in the oocytes of catfish *Heteropneustes fossilis* after long term exposure to 4-Nonylphenol. International Conference on Contemporary Advances of Science & Technologies – 2015, Banaras Hindu University (BHU), Varanasi, India (IC – CAST 2015) August 7-9, 2015
- iii. **Gautam GJ,** Chaube R, Joy KP, 2013. Determination of 4-nonylphenol in water samples, and its toxicity and tissue bioaccumulation in the catfish *Heteropneustes fossilis*. National symposium on Recent advances in Reproductive Health, 28-30 Nov.

2013. Centre of advanced study, Department of Zoology, Banaras Hindu University, Varanasi-05
- iv. **Gautam GJ**, Chaube R, Joy KP, 2012. Xenoestrogens as an aquatic pollutant. National seminar on Agriculture education, Research and extension: Problems, Solution and Prospects, 11<sup>th</sup> April 2012. Krishi Vigyan Kendra, Institute of Agricultural science. Banaras Hindu University, RGSC, Mirzapur (UP)
- v. **Gautam GJ**, Pandey AK, Chaube R. 2012. Comparative effects of heavy metals (Pb, Cd, Co and Hg) on catfish oocyte maturation and ovulation. In National Symposia On Zoological Sciences “Recent Challenges and Its Applications in Medical Research”, 3rd- 4th February 2012, *Organized by* Department of Zoology. Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
- vi. **Gautam GJ**, Chaube R, Joy KP. 2011. Effects of 4-Nonylphenol on *in vitro* follicular steroid hormone secretion in the catfish, *Heteropneustes fossilis*. In National colloquium on recent advances in molecular and cellular endocrinology. Centre of advanced study, Department of Zoology, Banaras Hindu University, Varanasi-05
- vii. **G. J. Gautam**, R. Chaube and K. P. Joy, 2010. Developmental deformalities in the catfish *Heteropneustes fossilis* larvae exposed to 4-Nonylphenol. In International Symposium on Endocrinology and Reproduction: Molecular Mechanisms to Molecular Medicine and 28<sup>th</sup> meeting of the society for Reproductive Biology and Comparative Endocrinology. Feb 4-6, 2010; Special Centre for Molecular Medicine, Jawaharlal Nehru University and NIHFV, New Delhi.

## 15. Any other Information

**Invited Talk:**

Modulation of cytochrome P450 aromatase in the brain and ovary of the catfish *Heteropneustes fossilis* by 4-nonylphenol ; In 34th Annual Meeting of The Society for Reproduction Biology and Comparative Endocrinology (SRBCE) International Symposium on Integrative Physiology and Comparative Endocrinology; February 12th–14th, 2016