

CURRICULAM VITAE



PERSONAL INFORMATION

NAME: DR. VIKAS GULABRAO BARSAGADE

DESIGNATION: ASST. PROF. & HEAD

DATE OF BIRTH: 16/10/1981

ADDRESS: PLOT NO. 50 ANUSAYAPURAM, KATOL DIST NAGPUR

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EDUCATIONAL QUALIFICATION

- **Ph.D. [ZOOLOGY] RTMNU University, (2013)**
- **NET [LIFE SCIENCE] RTMNU University,(2006)**
- **M.Sc. ZOOLOGY, ENTOMOLOGY (GOLD MEDAL, 2004)**
- **B.Sc. -2002**
- **HSC -1999**
- **SSC -1997**

Other Qualifications:

WORK EXPERIENCE

i) Full Time: (9 years teaching experience for UG)

ii) Part Time:(1 year)

iii) Any Other experience other than teaching (In Brief/ No. of year)

Date of appointment: (18/11/2010)

AWARDS

1. V. K. Thakare Gold medal Award first in MSC (ENTOMOLOGY)	RTMN UNIVERSITY, NAGPUR	2006
2. RAJIV GANDHI NATIONAL FELLOWSHIP	UNIVERSITY GRANT COMMISSION (UGC)	2007

RESEARCH PROJECTS

One research project on “Neurokinin B in the brain of Catfish, *Clarias batrachus*: Anatomical and functional correlates. Funded by Department of Science and Technology (DST-SERB) New Delhi, India. (Sanctioned amount Rs- 3172101/-)

Project proposal submitted to DST on 2020 - Interaction between Neurokinin B, Cocaine and amphetamine regulated transcript (CART) peptide and Dopamine in the brain of Mosquitofish, *Gambusia affinis*: Implication in regulation of reproduction. (Rs. 3224025/-)

PAPERS PUBLISHED/PRESENTED IN JOURNAL/ CONFERNCES

1. Barsagade VG, et al..Reproductive phase-related variations in cocaine- and amphetamine-regulated transcript (CART) in the olfactory system, forebrain, and pituitary of the female catfish, *Clarias batrachus* (Linn.) J Comp Neurol 2010. PMID 20503424.
2. Gaikwad A and V. G. Barsagade et al., Neuronal nitric oxide synthase in the olfactory system, forebrain, pituitary and retina of the adult teleost *Clarias batrachus*. J Chem Neuroanat 2009. Among authors: Barsagade V. PMID 19135519.
3. Subhedar N and Barsagade VG et al. Cocaine- and amphetamine-regulated transcript peptide (CART) in the telencephalon of the catfish, *Clarias gariepinus*: distribution and response to fasting, 2-deoxy-D-glucose, glucose, insulin, and leptin treatments. J Comp Neurol 2011. Among authors: Barsagade VG. PMID 21452197
4. Singru PS and Barsagade V et al. Association of cocaine- and amphetamine-regulated transcript and neuropeptide Y in the forebrain and pituitary of the catfish, *Clarias batrachus*: a double immunofluorescent labeling study. J Chem Neuroanat 2008. PMID 18675898.
5. Ramudu, Kurva Raghu and Sanil, N K and Vijayagopal, P and Shivam, Saloni and Barsagade, Vikas G (2018) Brief note on the infestation of pedunculate barnacles in crabs. Marine Fisheries Information Service; Technical and Extension Series (235). pp. 25-26. ISSN 0254-380.
6. DD Barsagade, JR Kirsan, SA Gharade, VG Barsagade, MP Thakre 2019. Localization of neuropeptide γ -amino butyric acid (GABA) immunoreactivity in the sub oesophageal ganglion (SOG) of *Antheraea mylitta*. Journal of Entomology and Zoology Studies 2019; 7(5): 1233-1237

PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL CONFERENCES.

- **Vikas Barsagade**, Minakshi Mazumdar, Praful S. Singru and Nishikant Subhedar 2007. Reproduction phase-related variations in cocaine- and amphetamine-regulated transcript (CART) peptide in the olfactory system, forebrain and pituitary of the female catfish, *Clarias batrachus* (Linn.): Correlation with LH cells-Ovary axis. National symposium on Comparative Endocrinology and Reproductive Physiology: Insight and Challenges in Department of Zoology, Visva Bharti Santiniketan, India. pp 36.
- N. Subhedar, B. Lal, R. N. Gopal, M. Mazumdar, **V. Barsagade**, P. S. Singru 2008. Growth hormone in the brain of *Clarias batrachus*. International Structural Neuroscience Conference on Peptides (February 2-3, 2008) in Department of Pharmaceutical Sciences, R.T.M. Nagpur University, Nagpur-440 033, India. pp 52.
- **Barsagade VG**, Singru PS, Subhedar N. Co-localization of cocaine-and amphetamine-regulated transcript (CART) and neuronal nitric oxide synthase (nNOS) in the olfactory bulb, forebrain and pituitary of the catfish, *Clarias batrachus*(Linn.): A double immunolabeling study. Symposium on Functional Biology: Comparative aspect, in conjunction with Second meeting of the Indian Subcontinental branch of International Neuropeptide Society (March 19-21, 2009) in Department of Zoology, University of lucknow, lucknow-226007, India. pp39.
- Participated as a **teaching assistance** in the **SERC School in neuroscience** (Jan. 27-Feb. 13, 2008) held at the department of Pharmaceutical Sciences; RTM Nagpur University Nagpur-440033, India
- Delivered a seminar on “**Immunocytochemistry technique**” as a part of silver jubilee function of Central India Institute of medical Sciences (8 th Dec. 2008), held at Nagpur.
- Presented a paper on “Role of cocaine-and amphetamine-regulated transcript (CART) peptide in the secretion of some pituitary hormones: *in vitro* studies at National conference on Pharmacogenomics: and challenges (21-22, Sept. 2012) held at NMV, KATOL.
- Paper presented in the international conference homboldt Kolleg on comparative endocrinology and physiology on **immunohistochemical localization of neurokinin B in the brain of catfish, *Clarias batrachus*** at Nagpur on 7, to 9th Jan 2019.
- Paper presented in the national conference on Science and Technology: rural development on **Seasonal expression of Neurokinin B (NKB) in the olfactory organ of the female catfish, *Clarias batrachus* (Linn).** At Nagpur on 27,28 Nov. 2019.
- Paper presented in SERB-DST, CSIR sponsored National conference on solid state chemistry and allied sciences on **Immunohistochemical localization of Gatsrin in the**

olfactory bulb and forebrain of the catfish, *C. batrachus* at Nagpur on 20 and 21st December, 2019.

- Participated in workshop on NEXT GENERATION SEQUENCING AND ITS APPLICATIONS IN FISHERIES & AGRICULTURAL SCIENCES FOR BEGINNERS held on 7-8 November 2017 at Kochi Kerala, India.
- Participated in one day Training programme on J-Gate@CeRA held on December 15, 2017 at ICAR-Central Marine fisheries research institute, Kochi Kerala, India.

REFRESHERS/ ORIENTATIONS/INDUCTION/ SHORT TERM COURSE

Refresher Course	Nagpur	5/3/2014 to 25/3/2014	UGC
Orientation Course	Amravati	18/11/2015 to 15/12/2015	UGC
Refresher Course	Nagpur	2019	UGC
FDP online mode	Delhi	8 June to 14 June 2020	PMMMNMTT
FDP online mode	Delhi	25 May to 05 June 2020	PMMMNMTT

(Any Other responsible work/ Contributions/activity experience)

1. Actively working as a Member of board of studies (BOS) for Zoology R.T.M NAGPUR UNIVERSITY NAGPUR
2. Selected and participated in the 3 months **NATIONAL TRAINING IN MOLECULAR BIOLOGY AND BIOTECHNOLOGY FOR FISHERIES PROFESSIONALS** sponsored by department of biotechnology Govt, of India held at CMFRI Kochi, India during 1st November 2017 to 31st January 2018.
3. Delivered the talk on **IMMUNOCYTOCHEMISTRY TECHNIQUE** during “Training on histological techniques” on 8th to 12th January 2018 at CMFRI Kochi, India.