

CURRICULUM VITAE

Vinod K. Nagale
Assistant Professor



Contact Information:-

P. G. Department of Zoology
Sant Gadge Baba Amravati
University, Amravati-444602
email: vinodnagale@sgbau.ac.in

Biographical details:-

B.Sc. (Zoology, Botany, Chemistry)	Amravati University,	1997
M. Sc. Zoology (Animal Physiology)	Amravati University,	1999
NET (Life Sciences)	UGC-CSIR, New Delhi	2000

Professional details:-

Asstt. Professor- Department of Zoology, Sant Gadge Baba Amravati University, Amravati	2002- till date
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Teaching Experience:- 19 Years

Research Interest:- Animal Cytogenetics, Bioinformatics

Research Projects

Completed:-

1. Development and Study of the cladding modified fiber optics intrinsic biosensors funded by DRDO, New Delhi (Co-Investigator)

List of Publications:-

1. Cladding Modification with Pani-Sulphanilic Acid Composite for Fiber Optic Intrinsic Glucose Biosensor. JAAST: Material Science (Special Issue) Vol. 1, issue 2, pp 228-231. Dec. 2014 (coauthor).
2. Glucose Detection Using Polyaniline -ZrO₂ Composite Cladding Modified Fiber Optic Intrinsic Biosensor. BioNano Frontier Vol 8 (3) Dec. 2015.
3. Performance of Cladding Modified PANI-ZnO Nanocomposite Glucose Oxidase Immobilized Fiber Optic Intrinsic Glucose Biosensor. Macromolecular Symposia, Recent Trends in Polymer Processing and Characterization-Part-II., Vol. 362, Issue 1, April 2016 (coauthor).
4. Cladding Modified with PANI-Oxalic Acid Composite Glucose Oxidase Immobilized Fiber Optic Biosensor. Macromolecular Symposia, Recent Trends in Polymer Processing and Characterization-Part-II., Vol. 362, Issue 1, April 2016 (coauthor).

5. Polyaniline-CdS nanocomposite/GOx matrix modified optical fiber based biosensor for glucose detection. Research Journal of Chemical Sciences Vol. 7(3), 33-35, March 2017 (coauthor).
6. Alteration of Free Amino Acid in Mice Exposed to Toxicant. International Research Journal of Science and Engineering. Special Issue A8, July, 2020.

Conferences/ Seminars/Workshops/Courses Participated:-

1. Regional Level Workshop on Curriculum Designing in Botany & Zoology with Special Reference to UGC's Guidelines Organized by Jijamata Mahavidyalaya, Buldana (M. S.) on 2nd February, 2003.
2. Symposium on Three Decades of Project Tiger in Melghats Organized by Department of Zoology, S. G. B. Amravati University, Amravati during October, 8-9, 2004.
3. Workshop on Molecular Biology Organized by Department of Zoology, SGB Amravati University, Amravati during 01- 02 Aug., 2004.
4. State Level Workshop on SPSS Utility Organized by ICFAI National College, Amravati Centre on 25th Sept. 2005.
5. Symposium on Therapeutic and Diagnostic Products for Reproductive Health: Recent Trends and Future Prospects Organized by Department of Biotechnology, Indian Institute of Technology, Roorkee (U.A.) during 14-16 February, 2006.
6. Orientation Program held at Academic Staff College, Himachal Pradesh University, Shimla (H.P.) during 26th June – 22nd July, 2006.
7. SPSS Faculty Development Program Organized by SPSS and Department of Statistics, SGB Amravati University, Amravati during 10th - 11th Oct. 2006.
8. National Conference on Modern Approaches and Innovations in Biotechnology and Biodiversity Conservation Organized by Department of Biotechnology and Biological Sciences, Shri Shivaji Science College, Amravati during 28th –30th Jan. 2007.
9. Workshop on Development of Question Bank Organized by Sant Gadge Baba Amravati University, Amravati during 30th - 31th March 2007.
10. Training Course on Applications of Research Techniques in Molecular Biomedicine Organized by Department of Reproductive Biomedicine, National Institute of Health and Family Welfare, New Delhi during 3rd - 14th Dec., 2007.
11. Workshop on “Total Solar Eclipse” Organized by Sant Gadge Baba Amravati University, Amravati and UGC, New Delhi during 13th - 14th June, 2009.
12. International Training Course in “Conservation Biology and Wild Life Management” Organized Jointly by Smithsonian Institute USA, S. G. B. Amravati University Amravati, Wild Life Wing of Maharashtra Forest department Maharashtra, Satpuda Foundation

India, Nature Conservation Society, Amravati during 2nd-20th December 2010.

13. Refresher Course held at Academic Staff College, Sant Gadge Baba Amravati University, Amravati during 10th - 27th March 2011.
14. National Conference on “Advances in Life Sciences : Present and Future” at Department of Botany and Zoology, Vidya Bharathi Mahavidyalaya & SSSKR Innani Mahavidyalaya, Karanja (Lad) during 11th-12th Jan. 2013.
15. One Day Workshop on “Intellectual Property Rights, Organized by Sant Gadge Baba Amravati University on 26th August, 2016.
16. Refresher Course in Life Sciences at UGC-HRDC, SGBAU during 20th August to 12th September 2018.
17. Webinar on “Technology for Wildlife Conservation organized by Shri Govindram Seksaria Institute of Technology and Science on 1st June 2020.
18. Webinar on “Yoga for life” organized by Sant Gadge Baba Amravati University, Amravati on 21st June 2020.
19. Webinar on “Climate Change and Environmental Sustainability” organized by BIOHM, Surat on 19th May 2020.
20. Webinar on “Role and Future of Medicinal and Aromatic Plants to Combat COVID-19 and Post COVID-19” organized by Society for Environment, Health, Awareness of Nutrition and Toxicology, Delhi on 17th May 2020.

Conferences/Webinars Organized:-

1. Organizing Secretary for One Day Workshop on “Reforms in Post-Graduate Zoology Curriculum” organized on 29th March 2017.
2. Organizing Secretary for National conference on “Recent Trends in Life Sciences for Sustainable Development” organized on 22nd - 23rd January, 2019.
3. International Webinar on ‘Biodiversity and Wildlife Conservation’ organized on 30th May 2020.
4. International Webinar on ‘Taxonomy and Forensic Entomology’ organized on 31st May 2020.

Worked As:-

1. Coordinator, Entry Service Scheme of UGC for SC/ST/OBC and Minority.
2. Co-cordinator, Buddhist Studies Center, Sant Gadge Baba Amravati University, Amravati.
3. BOS member of Subject-Zoology of Sant Gadge Baba Amravati University, Amravati.
4. Guest Editor of Bioscience, Biotechnology Research Communications (BBRC) for Special Issue for National Conference-RTLSSD-2019, Vol. 12, No. 4, August 2019.

5. Worked as a member of LEC at Late C. M. Kadhi Arts College, Achalpur Camp.
6. Worked as a member of Selection Committee as V. C. Nominee at Vidya Bharati Mahavidyalaya, Amravati.
7. Worked as a member of Selection Committee as V. C. Nominee at G. C. Gawande College, Umarkhed.
8. Worked as a member of LEC at Jagdamba Mahavidyalaya, Achalpur Camp.
9. Worked as a member of LEC at Gote Arts, Commerce and Science College, Washim.
