

CURRICULUM VITAE



Department of Zoology
Shivaji University, Kolhapur
Maharashtra-416004, India
Phone: +91-9881427873
Email: anna.gophane@gmail.com

Dr. Anna Dnyanadeo Gophane

M.Sc., Ph. D., SET, NET, GATE, PGD. Bioinformatics.

Personal:

Date of Birth : 2nd June 1984
Nationality : Indian
Marital Status : Married
Category : General (Open)

Professional interest:

- To create the skills and interest in the students about Zoology for the welfare of society.
- To create 'research interest' in students' mind about zoology for betterment of nature.

Academic Profile:

Class/ Degree	Board/University	Subject	Year	Marks(%) / remarks
Ph. D.	Shivaji University Kolhapur	Zoology	September 2019	Awarded
NET	Joint CSIR-UGC	Life Sciences	June 2013	Qualified with 31 st Rank
SET	University of Pune As state agency	Life Sciences	Feb 2013	Qualified
GATE	IIT Kanpur	Life Sciences	Feb 2014	Qualified (94.5 percentile)
PG Diploma	Shivaji University Kolhapur	Bioinformatics	July 2014	66 (1 st Class)
M. Sc.	Shivaji University Kolhapur	Zoology (cell biology)	Apr 2008	73.63 (1 st Class with distinction; <i>University First Rank</i> in Zoology)
B. Sc.	Shivaji University Kolhapur	Zoology	Apr 2006	68.24 (1 st Class)
H.S.C.	Latur Board	PCMB	Mar 2003	67.17 (1 st Class)
S.S.C.	Pune Board	-	Mar 2001	54.53 (II nd Class)

Title of Ph. D. Thesis: "Molecular Phylogeny of Wild Silkmoths (Lepidoptera: Saturniidae) from Maharashtra" submitted to Shivaji University, Kolhapur, Maharashtra.

Academic project:

“Modulatory Effect of centrophenoxine on hippocampus of the brain in D-galactose induced aged female mice” for partial fulfillment of course Master of Science in Zoology.

Awards, Fellowships:

- ❖ Earthwatch Fellow, the Earthwatch Institute (Europe), UK (December 2010).
- ❖ INSPIRE Fellowship, Department of Science and Technology, Govt. of India (July 2011)
- ❖ Awarded “Late Dr. Appasaheb Tansen Varute Award” for securing highest marks in Zoology at Master of Science (10/2008).
- ❖ Awarded “Late Shivajirao Mulik Award” for being 1st rank at Master of Science in Zoology (11/2008).

Professional Experience:

Teaching:

10/2018- till date	Assistant Professor , Department of Zoology, <i>Shivaji University, Kolhapur, Maharashtra.</i>
07/2015- 10/2018	Assistant Professor , Department of Zoology, <i>Deccan Education Society's, Willingdon College, Sangli (MH).</i> <i>(Affiliated to Shivaji University, Kolhapur)</i>
23/ 07/2013-02/2015	Assistant Professor , Department of Zoology, <i>RayatShikshan Sanstha's, Prof. Dr. N. D. Patil Mahavidyalaya, Malkapur (MH).</i> <i>(Affiliated to Shivaji University, Kolhapur)</i>
08/2011-03/2012	Assistant Professor , Department of Zoology, <i>Deccan Education Society's, Willingdon College, Sangli (MH).</i> <i>(Affiliated to Shivaji University, Kolhapur)</i>

Research:

08/2008–05/2011	Research Project Assistant with Dr. Baban Ingole BOD, CSIR-National Institute of Oceanography (NIO), Dona Paula Goa-403004, India.
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Projects participated during work in NIO:

1. Understanding coastal upwelling: A system biology approach to delineate web dynamics from primary to tertiary level.
2. Ecotoxicology and reproductive biology of oyster, *Placuna placenta*.
3. Identification of invertebrates-Zooanthids.

Participation in Research Cruises:

- 1) FORV Sagar Sampada during 27/05/2009 to 15/06/2009- for study of environment and productivity pattern of benthos along west coast of India.

- 2) CRV Sagar Sukti(*SaSu-189*) during 27/10/2009 to 10/11/2009 to conduct the offshore environmental monitoring in Mumbai High area for ONGC.
- 3) CRV Sagar Sukti(*SaSu-202*) during 14th to 24th May 2010 to study the physico-chemical and biological interaction in the coastal waters off Goa.
- 4) FORV Sagar Sampada(*SS-277*) during 28th June to 17th July 2010 to carry out upwelling and environmental productivity studies along west coast of India.
- 5) CRV Sagar Sukti(*SaSu-204*) during 9-13 September 2010 to study the physico-chemical and biological interaction in the coastal waters off Goa.
- 6) FRV Sagar Sukti during (*SaSu-212*) 15 to 30th March 2011 to conduct the offshore environmental monitoring in Mumbai High area for ONGC.
- 7) FRV Sagar Sukti(*SaSu-214*) during 10th to 15th May 2011 to study the physico-chemical and biological interaction in the coastal waters off Goa.

3-15 December 2010

The Earthwatch Fellow with Dr. DKA Barnes

PI British Antarctic Survey, Cambridge University (UK)

- 1) Coral and coastal ecology of the *Seychelles*.

Research Publications: (Citation Index = **139**, *h* index= 6, *i10* Index= 3)

Research Publications:

Total number of Publications = 15

Cumulative Impact Factor (Thomas and Reuters): 24.45

Average Impact factor: 1.63

Google Scholar citation Indices

Citations = **147**

h-index = **6**

i10-index = **3**

SCOPUS Citation indices

Author ID: 54383105200,

OrcId: 0000-0003-2089-4438

Citations = **105**

h- index = **4**

List of Publications

1. M. J. Krishna and **A. Gophane**, (2013). Cnidarian from the coast of Goa- Identified to species level. *J PharmacognPhytochem.* 2 (1): 209-218. ISSN 2278-4136.
2. Ingole, S., Gaonkar, U. V., Deshmukh, A., Mukherjee, I., Sivadas, S. K., and **Gophane, A.** (2014). Macrobenthic community structure of coastal Arabian Sea during the Fall intermonsoon. *Indian J Geomarine Sci*, 43(12), 2223–2232. ISSN 0379-5136. **(IF. 0.328)**
3. **Gophane, A.**, Sathe T. V., Khairmode, P., Londhe, S. D. and S. Kurane, (2015). Triungulin occurrence and its load carrying capacity by *Xylocopaletipes* Drury (Hymenoptera: Xylocopidae). *Biolife*, 3(3), 688–693. ISSN 2320-4257.
4. Sathe, T. V., **Gophane, A.**, and Shendage, N. (2015). Colour attractivity and occurrence of some cell sap sucking pests on crop plants. *Biolife*, 3(2), 540–546. ISSN 2320-4257.
5. Sathe, T. V., and **Gophane, A.** (2015). Pollinating insects of some economically important plants of Kolhapur region, India. *Biolife*, 3(3), 576–582. ISSN 2320-4257.
6. Kadam, A., Dhabbe, R., **Gophane, A.**, Sathe, T., and Garadkar, K. (2016). Template free synthesis of ZnO/Ag₂O nanocomposites as a highly efficient visible active photocatalyst for detoxification of methyl orange. *J. Photochem. Photobiol. B, Biol.*, 154:24–33. ISSN 1011-1344. **(IF. 4.383)**

7. Gavade N. L., Babar S. B., Kadam A. N., **Gophane A. D.**, and K. M. Garadkar (2017). Fabrication of M@CuxO/ZnO (M= Ag, Au) Heterostructured Nanocomposite with Enhanced Photocatalytic Performance under Sunlight. *Ind. Eng. Chem. Res.* 56 (49): 14489–14501. ISSN 1520-5045. **(IF. 3.573)**
8. **Gophane A.**, T. V. Sathe and A. D. Jadhav (2017). Diversity and Distribution of wild Silkmoths (Lepidoptera: Saturniidae) in State of Maharashtra, India. *Bull. Indian Acad. Sci.*, 21 (1&2): 1-6. ISSN 0972-1657
9. Babar S.; Gavade N.; Bhopate D.; Kadam A.; Kokane S.; Sartale S.; **Gophane A.**; Garadkar K. M. and V. Bhuse (2018). An efficient fabrication of ZnO-Carbon Nanocomposites with enhanced photocatalytic activity and superior photostability. *J. Mater. Sci. Mater. Electron.* 30:1133-1147. ISSN 0957-4522. **(IF. 2.220)**
10. Govind Vyavahare, Pooja Jadhav, Jyoti Jadhav, Ravishankar Patil, Chetan Aware, Devashree Patil, **Anna Gophane**, Yung-Hun Yang and Ranjit Gurav (2019). Strategies for crystal violet dye sorption on biochar derived from mango leaves and evaluation of residual dye toxicity, *Journal of Cleaner Production*, 207: 296-305. ISSN 0959-6526. **(IF. 7.246)**
11. **Anna Gophane**, A. D. Jadhav, M. V. Santhakumar and T. V. Sathe (2019). Influence of climatic regions on species richness, distribution and abundance of wild Silk moths in Maharashtra, India, *International Journal of Life Sciences Research* 7(2): 495-502. ISSN 2348-3148.
12. Kurane, Shilpa; **Gophane, Anna**; Londhe, Sheetal; Bhoje, P. M. and T. V. Sathe (2019). Occurrence of Ants in irrigated rice from Western Maharashtra, India. *International Journal of Research and Analytical reviews*, Special Issue: 583 – 586. **ISSN 2349-5138.**
13. Khairmode P. V., **Gophane A. D.**, Shewale V. S., Santha Kumar M. V. and Sathe T. V. (2019). Diversity of Curculionidae from Kolhapur District. *Indian Journal of Entomology*, 81(3):589-596. ISSN 0367-8288.
14. Naikwade, Altafhusen; Jagadale, Megha; Kale, Dolly; **Gophane, Anna**; Garadkar, Kalyanrao; Rashinkar, Gajanan (2020). Photocatalytic degradation of methyl orange by magnetically retrievable Supported ionic liquid phase photocatalyst. *ACS Omega*, 5(1): 131-144. ISSN 2470-1343. **(IF. 2.870)**
15. Gavade NL, Kadam AN, Babar SB, **Gophane AD**, Garadkar KM and SW Lee (2020). Biogenic synthesis of gold-anchored ZnO nanorods as photocatalyst for sunlight-induced degradation of dye effluent and its toxicity assessment, *Ceramics International*, 46(8A):11317-11327. ISSN: 0272-8842. **(IF. 3.83)**

Guest Lectures, Invited talks:

1. Acted as Chief Guest and resource person for “ZOOFEEST-2019” organized on 25th January 2019 by Department of Zoology, Shri Shivaji Mahavidyalaya at Barshi, Solapur, Maharashtra
2. Acted as Resource person and delivered lecture on “Molecular Evolution” in NET-SET workshop on 26th December 2016 at Department of Zoology, Shivaji University, Kolhapur.
3. Acted as Resource person and delivered lecture on “Preparation for NET/SET exams in Life Science” in One day workshop on NET/SET examination on 6th January 2017 at ChatrapatiRajarshiShahu College, Kolhapur.
4. Acted as Resource person and delivered lecture on “Population genetics and Biotechniques” in NET-SET workshop on 7th February 2017 at Department of Zoology, Sant Gadage Maharaj College, Karad.

5. Acted as Resource person and delivered lecture on “Molecular evolution and Principles of Ecology” in NET-SET workshop on 28th January 2017 at Department of Zoology, Sant Gadage Maharaj College, Karad.
6. Acted as Resource person and delivered lecture on “*Preparation for NET/SET exams in Life Science*” in one day workshop on “NET-SET Examination guidance” on 15th March 2017 at Yashwantrao Chavan Institute of Science, Satara.
7. Acted as Resource person and delivered resource lecture on “*Stem cells therapy*” in one day workshop on “Molecular Biology” on 17th March 2017 at Department of Zoology, Yashwantrao Chavan Institute of Science, Satara.
8. Worked as guest lecture for “Toxicology (Unite II)” to the M. Sc. II students on 04, 11, 18 and 25th February 2017 at Department of Zoology, Sadguru Gadage Maharaj College, Karad.
9. Delivered guest lecture on “*Phylum: Arthropoda- Cockroach*” to the B. Sc. II students on 15th September 2017 at Rajarshi Chhatrapati Shahu College, Kolhapur.

Conferences, Workshops, Symposia

Papers Presented in Conferences: (05)

1. Presented poster “*Triungulins affects the pollinating capacity of Xylocopa letipes*”, and got **2nd prize** for best poster in One day national seminar “Pioneers of Zoology”, on 28th August 2015, organised by Department of Zoology, ACS College, Palus.
2. Presented poster “*On a new species of genus Eupterote (Lepidoptera: Eupterotidae)*” in “National conference on Recent advances and applications of Taxonomy in life sciences” during 06-07 October 2016 organized by Department of Zoology, YCIS, Satara.
3. Presented poster “*Distribution of wild silk moths (Lepidoptera: Saturniidae) in state of Maharashtra, India*” in *International conference on Wild Silkmooths*, During 21st to 24th January 2018, organized jointly by Central Silk Board, Govt. of India and International Wild Silk Society, Japan at Guwahati, India.
4. Presented poster “*Climatic regions influences species richness, distribution and abundance of wild silkmooths in Maharashtra, India*” in 1st International Conference on Materials and Environmental Science during 7 to 8th December 2018 organized in collaborations by Shri Yashawantarao Patil Science College, Solankur and The New College, Kolhapur at Shivaji University, Kolhapur.
5. Presented poster “*Occurrence of Ants in irrigated rice field from Western Maharashtra, India*” in International conference on Advances in Pure and Applied Sciences (ICAPAS-2019) during 5th to 6th January 2019 organized by Balavant College, Vita at Vita.
6. Presented poster “*Feed preference of Cyprinus carpio (L.) towards larvae of three mosquito species with reference to its Bio-control potential*” in International conference on Advances in Pure and Applied Sciences (ICAPAS-2019) during 5th to 6th January 2019 organized by Balavant College, Vita at Vita.

Conferences, Symposium and Seminars Participated :(06)

1. Participated in Symposium on ‘*Application of Flow Cytometry in Marine Biology*’ at CSIR-NIO Goa on 8th April, 2010.
2. Participated in a Workshop on ‘*A Brain Storming Session for Application of Technology for Sustainable Development in the State of Maharashtra*’ organized by Maharashtra

Academy Of Sciences and Shivaji University, Kolhapur during 26th and 27th November 2012.

3. Participated in one day workshop on “*Authentic Marathi language writing*” on 27th June 2014 organized by Dr. Babasaheb Ambedkar Research and Development centre, Shivaji University, Kolhapur.
4. Actively participated in workshop on “*Youth Awareness Programme*” during 18-20th December 2014, organized in collaboration by Prof. Dr. N. D. Patil Mahavidyalaya Malkapur and SEARCH, Gadchiroli, Maharashtra at Malkapur.
5. Participated in national seminar on “*Maharashtra state Policies of Marathi language for Next 25 years*” on 21 February 2015, organized by Department of Marathi, Shivaji University, Kolhapur.
6. Attended a “National conference on Recent advances and applications of Taxonomy in life sciences” during 06-07 October 2016 organized by Department of Zoology, YCIS, Satara.
7. Actively participated in one day “*Awareness programme on Honey Bee Keeping*”, jointly organized by Department of Zoology, Shivaji University and Central Bee Keeping Research and Training Institute, Pune, on 5th October 2018.
8. Actively participated in “*Training Programme on Integrated Sericulture Farming*”, jointly organized by Department of Zoology, Shivaji University and Agri Technology management agency, Govt. of Maharashtra, during 8th to 13th October 2018.
9. Actively participated in one day National workshop on “*Dissemination of Apiculture Technologies*”, jointly organized by Department of Zoology, Shivaji University and Central Bee Keeping Research and Training Institute, Pune, on 9th March 2019.
10. Attended a international conference on “*VI Asia Pacific Congress of Sericulture and Insect Biotechnology (APSERI-2019)*” during 2nd to 4th March, 2019, organized by International Sericulture Commission and Central Silk Board, Bangalore at Mysore, India.
11. Actively participated in Two day’s workshop cum Training programme, on “*Empowering Teaching by Development of e-Content*” jointly organised by Centre for Distance Education and Barr. Balasaheb Khardekar knowledge Resource Centre, Shivaji University, Kolhapur, during 29th and 30th March, 2019.

Computer Proficiencies:

- 1) ‘Maharashtra State Certificate in Information Technology’ (MS-CIT), Maharashtra Knowledge Corporation Limited, Pune (2005).
- 2) Soft hands on the various software’s such as
 - a. **DIVA-GIS**: for map preparation
 - b. **PAST3**: for statistical analysis of populations data
 - c. **MEGA7**: for phylogenetic analysis of molecular data

Co - curricular activity:

- 1) Participated in various activities of ‘National Service Scheme (NSS)’ for two year at Shri. Shivaji Mahavidyalaya, Barshi.
- 2) Participated in various activities during ‘National Science Day’ in department of Zoology Shivaji University, Kolhapur.

Extracurricular activities:

- 1) 2nd prize for 'BEST SEMINAR' in personality development workshop organized jointly by Shri. Shivaji Mahavidyalaya, Barshi and Lions club, Barshi.
- 2) 2nd Prize for overall 'BEST PERSONAL PERFORMANCE' in personality development workshop organized jointly by Shri. Shivaji Mahavidyalaya, Barshi and Lions club, Barshi.
- 3) 2nd prize for 'BEST GROUP' performance in personality development workshop organized jointly by Shri. Shivaji Mahavidyalaya Barshi and Lions club Barshi.
- 4) Participated in state level 'ELOCUTION' competition.
- 5) Participated in 'BLOOD DONATION' at various camp for 6 times.
- 6) Active member of "WACHAN KATTA" a unique platform to inspire the students for reading various books hosted by 'Barr. Balasaheb Khardekar Library, Shivaji University, Kolhapur'.

Hobbies:

Reading novels, swimming and snorkeling, listening music, writing poems (Marathi)