

# Curriculum Vitae

## Personal Details:

Name : **Dr. Smt. Khairmode Shilpa Prakash**  
(M.Sc., Ph.D. Zoology)

Office address : Shri Swami Vivekanand Shikshan Sanstha, Kolhapur  
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Department of Zoology

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Category : NT-B (Hindu- Bhoi)

E- Mail Address : shilpa.kop16@gmail.com

Mobile No. : 9552949500

Date of Birth : April, 16<sup>th</sup> 1986

Gender : Female

Marital status : Married

Language known : English, Marathi, Hindi

Computer : MS-CIT

Proficiency

## Academic Credentials:

Exam	Board/ University	Year of Passing	Percentage	Class obtained
<b>Ph. D.</b>	Shivaji University, Kolhapur	Awarded in May, 2017	-	-
<b>M. Sc.</b>	Shivaji University, Kolhapur	April- 2008	69.29	First Class
<b>B. Sc.</b>	Shivaji University, Kolhapur	April-2006	71.20	First Class with Distinction
<b>H.S.C.</b>	HSC Board Pune	February-2003	61.00	First Class
<b>S.S.C.</b>	SSC Board Pune	March-2001	73.06	First Class with Distinction

**Present Position:**

Awarded Degree of Doctor of Philosophy, Thesis entitled “Salivariadenectomy Effect on Thymus Gland and Thymocytes of mice (*Mus Musculus* Linn.)” in Zoology, at Department of Zoology, Shivaji University, Kolhapur, Maharashtra, India.

**Research Guide:** Prof. Dr. Smt. M.V. Walvekar  
Department of Zoology,  
Shivaji University,  
Kolhapur.

**Work Experience:**

Joined as ‘Assistant Professor’ (Permanent), at Department of Zoology, Vivekanand College, Kolhapur, on date 14/03/2024.

Worked as Lecturer (Temporary) for Twelve years in Department of Zoology (At Senior College: Shikshanmaharshi Dr. Bapuji Salunkhe College, Miraj. (From academic year 2017 to Till date 13/03/2024) and Vivekanand College, Kolhapur (From academic year 2008 to 2014)

Working as a Member, Board of Studies, at Department of Zoology, Vivekanand College, Kolhapur. Working in NAAC committee, Criterion VII, as a member, at Shikshanmaharshi Dr. Bapuji Salunkhe College, Miraj.

**Research Publications:**

1. Influence of benzene extract of leaf of *Vitex negundo* (Linn) on formaldehyde induced inflammatory cell infiltration in male albino rat. **Shilpa Khairmode**, S. R. Yankanchi, Shashikant Kasabe, Aruna Kanase & P.H. Kulkarni. Deerghayu International, Issue No.98, Vol.25-02. pp 43-48, 2009.
2. Age related changes in lysosomal enzyme activity in submandibular glands of male mice. M. V. Walvekar, P. P. Sarvalkar and **S.P. Khairmode**. Bionano Frontiers vol. 5(1).pp125-128, 2011(**Impact factor: 0.2331**)
3. Alkaline phosphatase activity and DNA content in thymus gland of sialoadenectomised male mice. Madhuri V. Walvekar, **Shilpa P. Khairmode** and Nitin T. Potphode. Trends in Biotechnology, DAMA international, Volume 1, Issue 2, pp 5-7, (2012).
4. Protective role of *Trigonella foenum graecum* (fenugreek) seed extract on oxidative stress in salivary glands of aging accelerated mice. Vidya M. Deshmukh, Madhuri

- V. Walvekar\* and **Shilpa P. Khairmode**. Archives of Applied Science Research, 6 (1):92-96.2014.
5. Effect of salivary gland secreted growth factors on histology of thymus gland in mice. Walvekar M. V., **Khairmode, S. P.** and Desai, S. R. Int. J. Curr. Biotechnol. 2(4):1-9. 2014.
  6. Role of salivary glands secreted growth factors on differentiation of CD3 and CD5 cells of thymus in mice. Walvekar, M. V., Desai, S. R., **Khairmode, S. P.** and Pillai, M. M. Asian. Jr of Microbiol. Biotech. Env. Sc. 18(1): 245-252. 2016.
  7. Salivary epidermal growth factor in mice modulates the differentiation of CD4 cells in thymus. **Shilpa P. Khairmode**, Sneha S. Desai and Madhuri V. Walvekar. International journal of research in applied science and engineering technology. Vol (1): 470-477. 2018. **Impact factor: 6.887.**
  8. Flowcytometric analysis of peripheral T cell subsets in the Sialoadenectomised and Salivariadenectomised male mice (Mus musculus Linn.). **S.P.Khairmode**, S.S. Desai, M.V. Walvekar. Journal of endocrinology and reproduction. Vol 22(2), 37-41.
  9. Free radical scavenging activity of Lepidium sativum seed extract in HFD/STZ induced diabetes. S. S. Desai, M.V. Walvekar and **S.P. Khairmode**. Int. J. Pharma. Bio. Sci. Vol. 9(2):B. 127-132. 2018. **Impact factor: 7.165.**
  10. Study of Honey as a Sweet Remedy against Fungal Supremacy. **Shilpa P. Khairmode**, Sunil P. Kamble, Udaysinh R. Manepatil. International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ **Impact Factor: 7.177** Volume 7 Issue XII, Dec 2019- Available at [www.ijraset.com](http://www.ijraset.com) ©IJRASET: All Rights are Reserved 294.
  11. Hypoglycemic and hepatoprotective activity of Elettaria cardamomum extract in HD/STZ induced diabetic mice. Sneha S. Desai, **Shilpa P. Khairmode**, Nitin D. Potphode, Namrata A. Jadhav and Madhuri V. Walvekar. International journal of research and analytical review. Vol -9(1)155-160, Jan 2022.

### **Paper Presented in National Conference/ Symposium/ Seminar:**

- Alkaline phosphatase activity & DNA content study in thymus gland of Sialoadenectomised male mice. [National Conference on “Recent Trends in Life sciences with Special Reference to Animal Physiology, Biotechnology and Biodiversity” organized by Department of Zoology, S.G.M. College Karad, October 19<sup>th</sup> - 20<sup>th</sup>, 2011].
- Study of the agricultural practices in the Koyana catchments area. Participated in Poster presentation[1<sup>st</sup> International Science congress on 24<sup>th</sup>-25<sup>th</sup> December 2011 at Maharaja Ranjit Singh College of Professional Sciences, Indore, MP, India]
- Histochemical alterations in the sialic acid containing mucopolysaccharides in the thymus gland of sialoadenectomised mice. Participated in oral presentation. [National seminar on “Recent trends in life science” organized by Department of Zoology, Rajarshi Chhatrapati shahu college, Kolhapur.(M.S.) held on 28<sup>th</sup> to 29<sup>th</sup> January 2013]
- Effect of *Trigonella Foenum Graecum* (Fenugreek) seed extract on protein, Fucose, Sialic acid content, Amylase activity in salivary gland of aging accelerated male mice.[National conference on Frontiers in chemical and biological sciences (FCBS) held on 23-24 septmber,2013.at Padmabhushan Dr.Vasantdada Patil Mahavidyalaya, Tasgaon, Dist. Sangli]
- “Alkaline phosphatase and sialic acid in the thymus of Salivariadenectomised mice” a poster presented in International conference on biosciences with special reference to environmental issues (ICBEI) held on 19-21 December, 2013. At department of Zoology, Shivaji university, Kolhapur.
- “Alkaline phosphatase and sialic acid in the thymus of Salivariadenectomised mice” Poster presented in Avishkar 2013-2014 competition. Secured II rank. Held at Department of Chemistry, Shivaji University, Kolhapur. On 23th December, 2013.
- Attended and presented Poster entitled ‘Sialoadenectomy effect on peripheral CD3, CD4 and CD8 thymocytes in male mice (Mus musculus Linn.)’, In a

National conference on “Recent trends in applied Zoology”, organized by Department of Zoology, Kisan Veer College, Wai, On 22th Feb, 2020.

- Presented a E-poster entitled ‘Maintainace of dietary and psychological health strategies to overcome Covid-19 pandemics’ in online #Nanobio20 international Twitter conference , organized by New college, Kolhapur and Dada Patil collage, Karjat with Botany department, Shivaji University, Kolhapur, from 13th to 15th April, 2020 (online)
- Presented a E-Poster entitled ‘Threats to mangrove ecosystem and its conservation’ in one day online conference on Climate change , Mangroves and sustainable development, organized by Shri Pancham Khemraj Collage, Sawantwadi, University of Mumbai, Mangrove Society of India and Sahyadri botanical Society, Kolhapur on 24/04/2020 (online)
- Presented paper “Be happy by boosting happy hormones”, in National conference on Recent trends in pure and applied science, at Dr. Patangrao Kadam Mahavidyalya, Sangli. On 17<sup>th</sup> February, 2023.
- Presented paper “Study of honey as sweet remedy against bacterial supremacy”, in International conference at P.D.V.P. Mahavidyalya, Tasgaon. On 23-24<sup>th</sup> February 2023.

**Conference Attended (National and International):**

1. National conference on “Life Sciences with special reference to Environmental Biotechnology & Biodiversity” Department of Zoology, Vivekanand College, Kolhapur. 2<sup>nd</sup> & 3<sup>rd</sup> 2010
2. National Seminar on “Recent trends and techniques in Bio-Sciences”. Department of Zoology, ASC College, Palus. Dist. Sangli. 30<sup>th</sup> – 1<sup>st</sup> November, 2011.
3. National seminar on “Preparation of Skillful Research Papers at National and International Scenario” at Department of Zoology, Shivaji University, Kolhapur. 6<sup>th</sup> February, 2012.
4. National seminar on Apiculture held at Department of Zoology, on 28<sup>th</sup> Sept. 2012.

5. National conference on “Emerging trends in Animal sciences”(ETAS-2013) organized by Department of Zoology, Shivaji University, Kolhapur-416004, Held on 22<sup>nd</sup> and 23<sup>rd</sup> March, 2013.
6. A seminar on “Electronics waste management” organized by Vivekanand College, Kolhapur and Yuvak biradari (Bharat), Kolhapur, on 8<sup>th</sup> October 2013.
7. National conference on Pioneers in Zoology. Held at Department of Zoology, Arts, Commerce and science college, Palus. On 20<sup>th</sup> August, 2015.
8. National conference on Biodiversity and bio resource management, organized by Department of Zoology, Shivaji University, Kolhapur-416004, Held on 15-16 January 2016.
9. National conference on recent advances in Zoology, organized by Department of Zoology, Raje Ramrao college , Jath, on 13<sup>th</sup> January, 2018.
10. National seminar on Innovative practices in higher education : A need of rural and tribal area students, organized by department of commerce, Shikshanmaharshi Dr, Bapuji Salunkhe college , Miraj, on 10<sup>th</sup> February, 2018.
11. International conference on ‘Society, culture and environment’, organized by Shikshanmaharshi Dr, Bapuji Salunkhe college , Miraj and Marathi anthropological society Pune, on 20<sup>th</sup> October, 2018.
12. National seminar on ‘Women empowerment and sustainable development : A perspective’, Organized by Women empowerment cell, Shikshanmaharshi Dr., Bapuji Salunkhe college , Miraj, on 18<sup>th</sup> February ,2019.
13. National seminar on ‘Scientific and technical terminology in EVS, Zoology and Biology, Organized by P.D.V.P. Mahavidyalaya, Tasgaon. On 7- 8<sup>th</sup> March, 2019.

- **Workshops/Training:**

1. Workshop on “Preparation of Research Project Proposal” at Vivekanand College, Kolhapur.24<sup>th</sup> March,2011
2. Workshop on “Training workshop for College Teachers in Zoology at B.Sc.Part-II- New syllabi” organized by Department of Zoology, S.G.M. College Karad.10<sup>th</sup> Aug,2011
3. Workshop on “Recent Advances in Applied Zoology” at Department of Zoology, Shivaji University, Kolhapur on 17<sup>th</sup> September, 2011.
4. Workshop on Poultry training held by Central Hatchery department, Kolhapur, at Vivekanand College, Kolhapur on 30<sup>th</sup> September, 2013.
5. Workshop on ‘Making of washing powder and soap’ organized by Miraj Mahavidyalaya, Miraj in collaboration with Cleanzy club, Sangli on 23<sup>rd</sup> September, 2016.
6. One day university level workshop on “Revised syllabus in zoology (CBCS) at B.Sc. II, semester IV, Paper VIII with practical”, organized by Department of Zoology, Smt. Kusumatai Rajarambapu Patil Kanya Mahavidyalaya, Islampur, Dist. Sangli, on 14<sup>th</sup> September, 2019.
7. One day workshop on “Stress management and relaxation techniques”, jointly organized by Department of Psychology and Department of English, Shikshanmaharshi Dr., Bapuji Salunkhe college , Miraj, on 24<sup>th</sup> December, 2019.
8. Participated in One day Teacher’s Training Workshop on ‘Climate Reality and Sustainable Development Goals’ by the Department of Zoology, Shikshanmaharshi Dr., Bapuji Salunkhe College, Miraj, in collaboration with Climate Reality Project India, on 13<sup>th</sup> Feb. 2020.

- **Research Experience:**

**Research Area:** Immunology. Cell biology

**Familiar Research Techniques:** Biochemical Enzyme Techniques, Histology, Electrophoresis, Immunohistochemistry, Immunofluorescences technique, Comet assay, Flow cytometry.

**Papers Published: 11**

**Papers presented in Conferences: 09**

**Conferences attended (National and International): 13**

**Workshops: 08**

### **Online attendance:**

- **Faculty Development Programme (FDP):**

1. One week faculty development program on MOODLE learning and management system, Organized by Vivekanand college, Kolhapur, From 25 to 30th April, 2020.
2. One week training program on "Use of mobile in Teaching, Learning and evaluation organized by Shikshanmaharshi Dr. Bapuji Salunkhe College, Miraj, from 14<sup>th</sup>- 20<sup>th</sup> June, 2020.

### **Other Activities:**

1. Attended and Participated in organization of one day webinar "Future enlightening competence for science graduates", Department of Zoology and IQAC, on 18/02/2021.
2. Attended one day online workshop on revised syllabus of B. Sc. III Zoology organised by Department of Zoology and IQAC, Yashvantrao Chavan Mahavidyalaya, Waranagar, on 10<sup>th</sup>, March 2021.
3. Participated in the Faculty exchange programme, with clubbing of five college (Shikshanmaharshi Dr. Bapuji Salunkhe College, Miraj, P.D.V.P. Mahavidyalaya, Tasgaon, Raje Ramrao Mahavidyalaya, Jath, Dattajirao Kadam Arts, Science and Commerce College, Ichalkaranji, L.B. S. College, Satara. Prepared a presentation for practical –III, presented on 10th July in this regard.
4. Attended and Participated in organization of one day webinar "Antimicrobial resistance and post Covid-19 challenges", Department of Zoology and IQAC, on 16/07/2021.
5. Invited as a Guest lecturer for teaching 'Microtomy' for B. Sc. III, Zoology students, at Padmabhushan Vasantao Patil Mahavidyalaya, Kavathemahankal, and Conducted lecture on 1<sup>st</sup> Aug, 2:30 to 5:00 pm.

### **Webinar:**

1. Attended webinar on 'Master plan for CSIR NET mission 2020, organized by Bioteknica, on 07/04/2020.



2. Attended online course on infection prevention and control of Novel Corona virus (Covid-19) organized by Open WHO, on 09/04/2020.
3. Attended “e-Content Development Webinar organized” by Research Center for English Language and Literature, on 10/04/2020.
4. Attended One Day Webinar on “Recent Developments in Diagnosis of Covid-19” -2 May 2020, organized by Sliver jubilee government college, A.P.
5. Attended National webinar on ‘Cyber-crime during corona virus era’ organized by Mithibai College, on 7th May, 2020.
6. Attended One day webinar on “Artificial Intelligence and it’s Applications” organised by Department of Computer Science, Shikshanmaharshi Dr. Bapuji Salunkhe College, Miraj, held on 28<sup>th</sup> May 2020.
7. National webinar on ‘Research panorama in life sciences’, organised by IQAC and Department of life sciences, Rajaram College, Kolhapur, From 15<sup>th</sup> – 18<sup>th</sup> June, 2020.
8. Webinar on ‘Lockdown-Healthy solution for boredom’, organized by Dr. Patangrao Kadam College, Sangli, Department of Zoology and IQAC, on 21<sup>st</sup> June, 2020.
9. National webinar on ‘ Education platform for online teaching and learning’, organized by Sharadchandra Pawar College, Lonand, Department of Zoology, on 26<sup>th</sup> June, 2020.
10. Webinar on ‘Management of grapes farming and agriculture – a challenge in Covid-19 pandemics’, organized by Management Department, V. P. institute of management, studies and research center’ Sangli, on 26<sup>th</sup> June, 2020.
11. National webinar on ‘Recent advances in Biosciences’, organized by Department of Zoology and Biotechnology, Smt. Kasturbai Walchand College, Sangli, on 28<sup>th</sup> June, 2020
12. International webinar on ‘Covid and Dengue vector prevention and control’, organized by Department of Zoology and IQAC, S.M. Joshi College, Pune, on 3<sup>rd</sup> July, 2020
13. National webinar on ‘Covid-19, causes, precaution through naturopathy, yoga, stress management and diet’ organized by IQAC, P.D.V.P. College, Tasgaon, on 11<sup>th</sup> July, 2020.
14. Attended state level webinar on new education policy an overview organised by Smt. Meenalben Mehata College, Department of history, Panchgani, on 31 may 2021.
15. Attended national webinar on ‘Impact of Covid- 19 on Indian societies, organized by Department of sociology, NSS, NCC, on 11<sup>th</sup> Aug 2021.

16. National webinar on 'Access to free E-resources in covid-19 pandemics situation, by Department of knowledge and resource center, on 11<sup>th</sup> Aug 2021.

**(Dr. Smt. Khairmode Shilpa Prakash)**