

Teacher Profile

Dr. Mayura Sanjay Patil

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Personal Information

- Name : **Dr. Mayura Sanjay Patil**
- Date of Birth : 15/05/1974
 - Nationality : Indian
 - Present Position : Head & Assistant Professor
 - Experience : 17 Years and 4 months
 - Marital Status : Married/Unmarried
 - Areas of Research : Toxicology & phytoremediation
 - Vidwan ID : **346154**
 - Orchid ID : **0000-0003-4983-9846**

Educational Details

Degree / Diploma	College /University	Year of Passing	Percentage Marks/CGPA	Class
Ph.D	Savitribai Phule Pune University	2019	NA	NA
M.Phil	YCMOU Nashik	2008	62.86	I
SET	UGC	2014	62.29	I
MSc (Zoology)	Savitribai Phule Pune University	2004	62.05	I
BSc (Zoology)	Savitribai Phule Pune University	1994	67.33	I

Thesis/dissertation/Project

Degree	Name of the Guide	Title
Ph.D.	Dr. P.R.Mahajan	Role of (<i>CoriandrumSativum</i> . L) Extract on Heavy Metal Induced Physiological Alteration in the Freshwater Bivalve – <i>LamellidensConsobrinus</i>
M.Phil	Dr.B.M.Deoray	Study of Pesticide Induced Puffs In <i>Chironomous Striatipennis</i>
PG	Dr.A.E. Desai	Study of Histology of alimentary Canal of <i>Mylabris Postulata</i>

Teaching Experience (_17Years)

Organization	Duration	Designation	Total Experience
Maratha Vidya Prasarak Samaj Nashik	5 th Dec. 2005 Till Date	Asst. Professor	16 Year 4 Months
K.V.N.Naik College	8/09/2005 to 5/12/2005	Asst. Professor	3 months
K.K.Wagh College Sarswati Nagar Nashik	2008 to 2009	Asst. Professor	1 year

Technical Skills:

Modeling and Analysis	
Software's/ Programming	Course On Remote Sensing And GIS Applications In Carbon Forestry Conducted By Indian Institute Of Remote Sensing, Indian Space Research Organization Department Of Space Government Of India (ISSRO) March 2017

Research

Research Paper Publications (_)

- 1) **Patil M. S.**, (2012) Study of Pesticide Induced Puffs In chironomous *Striatipennis** DAMA International Volume 1, Issue 2 (ISSN: 2320-043X (online).
- 2) **Patil M. S.**, (2016) 'Antioxidant Activity Of *c.Sativum*) On Arsenic Tri Oxide Induced Alterations, On Oxygen Consumption Of Fresh Water Bivalve *Lamellidens Consobrinus* proceedings of international conference pg. no. 112, -5-2 ISBN:978-81-930345.
- 3) **Patil M. S.**, (2016) 'Role Of Phytoextract (*C.Sativum*) On Mercury Chloride (Hgcl₂) Induced Alterations, On Oxygen Consumption Of Fresh Water Bivalve *Lamellidens Consobrinus*', International journal Advanced research in applied sciences (JARAS) Vol.3,Pg.no.183-190 E-ISSN:2394-8442.
- 4) **Patil M. S.**, (2016) "Study of Normal Banding Pattern and Puffs in Polytene Chromosomes Of *Chironomous Strietepennis*". spl.issue (2016) International journal for biosciences: of Science Research Reporter,6:(3) 93-95 ISSN: 2249-2321(Print),ISSN 2249-7846.

- 5) **Patil M. S.**, (2017) on “Effect Of Coriandrum Sativum Extract On Mercury Chloride (Hgcl₂) Induced alterations, on Glycogen Content Of Fresh Water Bivalve Lamellidens Consobrinus”. International journal IJAR(Indian Journal of Applied Sciences) Vol.7,Issue-2, , ISSN-2249-555x.
- 6) **Patil R.B., Patil M.S., March-2021** ,“Assessment of different body parts of *Agrius convoluli* to serve as preferred tissue for DNA isolation.” International Research Journal of Modernization in Engineering Technology and Science, Volume:03/Issue:03/ www.irjmets.com ,e-ISSN: 2582-5208
- 7) **Patil R.B., Patil M.S., July 2021**,Assessment Of DNA Isolation From Oven Drying Preserved *Eudocima phalonia* And *Hippotion rosetta* Body Parts.” Journal of Emerging Technologies and Innovative Research (JETIR) www.jetir.org”, Volume 8, Issue 7 ; www.jetir.org (ISSN-2349-5162)
- 8) **Patil M. S.**, (2021) Role of phytoextract (C.Sativum) on Mercury Chloride (Hgcl₂) induced alterations, on Catalase content of fresh water Bivalve Lamellidens consobrinus. Journal of Emerging Technologies and Innovative Research (JETIR) Volume 8 Issue 7 , pg. no.g130-g136 ISSN UGC Approved (Journal No: 63975)
- 9) **M S, Girase, M S, Patil, A. E, Gawade, S. R, Bale, V. R, Kakulte, S. N, Patil and V. B, Gaikwad**Published in UGC Care listed Journal Characterization Of Bioactive Chitin Recovered From Shrimp Shells Bioinfolet Online ISSN0976-4755 Print ISSN 0976-4755 19 (2) : 110 - 114, 2022
- 10) **M S, Patil M S, Girase** Published in UGC Care listed Journal Scavenging Activity Of Coriandrum Sativum On Bioaccumulation Of Mercuric Chloride (Hgcl₂) In Fresh Water Bivalve Lamellidens Consobrinus Bioinfolet Online ISSN: 0976-4755 Print ISSN: 0976-4755 19 (2) : 110 - 114, 2022

Research Paper Papers presented in International /National Conferences

- 1) Presented research paper on NASIK FAUNA II in three days **National Level** Symposium held on 15,16,&17 Oct 06 at Vidyaprathisthan college Baramati.
- 2) Presented research paper on study of ‘EFFECT OF PESTICIDE INDUCED PUFF IN POLYTENE CHROMOSOME OF CHIRONOMUS LARVA.’ In **state level** seminar “Effect of pollution on Biodiversity, conducted by Dept of Life sciences at KSKW ASC College CIDCO on 21-22 January 2011.
- 3) Presented research paper on ‘Effect Of Phytoextract On Copper Induced Physiological Alteration In Fresh Water Bivalve L.Consobrinus’ in two days **National Level** conference held on 23 &24 Jan 15 at MoolajiJetha college Jalgaon.
- 4) Presented research project at “Zonal Level Student Research Competition Avishkar 2016” by BCUD S. P. University of pune at HPT/RYS College, Nasik in September 23, 2016.

- 5) Research paper presented on 'Role Of Phytoextract (*C.Sativum*) On Mercury Chloride ($HgCl_2$) Induced Alterations, On Oxygen Consumption Of Fresh Water Bivalve *Lamellidens Consobrinus*' in two days **International Level** conference on Nutrigenomics&Nutrigenetics present and Future Scenario ICONN 2016 held on 29th -30th January 2016. Organized by Dept. of Biotechnology, K.T.H.M.Collegenashik.
- 6) Research paper presented on 'Antioxident Activity Of (*C.Sativum*) On Arsenic Tri Oxide Induced Alterations, On Oxygen Consumption Of Fresh Water Bivalve *Lamellidens Consobrinus*' in two days **International Level** conference on RTCES 2016 held on 12th -13th January 2016. Organized by Dept. of Chemistry, SPS, S.N.Arts,Malpani Comm. &B.N.Sarada Sci. College Sangamner, Dist. Ahmednagar.
- 7) Presented research paper entitled "Study Of Normal Banding Pattern And Puffs In Polytene Chromosomes Of *Chironomus Strietepennis* in **state level** seminar on "Strategies for environmental protection and biodiversity management" organized by Life Science Department, K.P.G. College Arts, Commerce and Science college, Igatpuri held on 30th-31st December 2016.
- 8) Presented the research paper entitled "Diversity Of Freshwater Phytoplankton In Response In Godavari River In Nashik" in **International Conference** on "Natural Resources Management and Sustainable Agriculture" (NRMSA 2017) organized by AJMVP Samaj's New Arts, Commerce And Science College Parner held on 20th-21st December 2017.
- 9) Presented research paper entitled Hydrobiological Study Of Algae Of Freshwater Godavari River, Nashik in **National Conference** on "Recent trends in Plant Sciences" held on 1st-2nd March 2017 at Department of Botany Dr Babasaheb Ambedkar Marathawada University Aurangabad.
- 10) Research paper presented on 'Role Of Phytoextract (*C.Sativum*) On Arsenic Trioxide (As_2O_3) Induced Alterations, On Bioaccumulation In Fresh Water Bivalve *Lamellidens Consobrinus*' in two days **National Level** conference on Prospectives and Problems of Biological products in crops, animals and human life held on 2nd -3rd February 2018. Organized by P.G.Dept. of Zoology, K.T.H.M.Collegenashik.

Books/Patent Publications

Patil M. S.,Published Book Chapter as A Detailed Study of Pesticide Induced Puffs in *chironomus striatipennis* Name & address of Publisher Dr. Matheus Ramalho de Lima Professor, Federal University of South of Bahia, Brazil Print ISBN: 978-93-91215-34-7, eBook ISBN: 978-93-91215-35-4

- ❖ Published Patent in The Indian Patent Office Journal No. 24/2022 Dated 17/06/2022 “Device to Trap & Sterilize Pests and Mosquitoes: Application number 360671-001 Publication date 2022/5/25

Refresher/Orientation/FDP/Trainings

Sr. No.	Name of Refresher/ Orientation/ FDP/ Trainings Programme attended	Organizing Institute	Period	Grade Or Completed
1	Refresher course in Environmental Science	MVP Samaj's K.T.H.M. College Nashik	06/03/2023 to 19/03/2023	A
2	FDP	ICT Enabled Teaching in Higher Education	04/05/2022 to 10/05/2022.	A
3	Refresher	Refresher Course in Zoology	15/12/2021 to 29/12/2021.	A
4	FDP	Recent Advancement in Nanomaterial and Green Technology for Sustainable Engineering	06/10/2021 to 08/10/2021	completed
5	Refresher course in “Academic writing and E-content making”	M.V.P.Samaj's KSKW Arts,Science and Commerce college CIDCO Nashik College CIDCO Nashik	18/08/2019 to 31/08/2019	A
6	117 th Orientation Programme	Dr. Babasaheb Ambedkar Marathwada University	23/11/2017 to 20/12/2017	A

		Aurangabad		
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Seminar /Conference/ STTP Attended

- ❖ Two days **Workshop on revised syllabus** of T.Y.B.Sc zoology held on 12-13 Jan 06 at HPT/RVK College under quality improvement programme of university of Pune.
- ❖ One day **seminar** on Ion exchange chromatography/ trace metal analyzer held on 4 Aug 06, in Dept of Environmental science of Dr B.A.M. University Aurangabad.
- ❖ One day **workshop** on Advanced techniques in genetic engineering held on 23 Dec.06 conducted by Dept. of microbiology & Biotechnology under quality improvement programme of university of Pune.
- ❖ Two days **workshop** on T.Y.B.Sc, revised **Molecular & Biochemistry practical** conducted by Zoology Dept. Of art, sci&comm. college Deola Dist. Nasik on 3-4 September 2010.
- ❖ Two days **state level** seminar on 'Effect of pollution on Biodiversity', conducted by Dept of Life sciences at KSKW ASC College CIDCO on 21-22 January 2011
- ❖ Attended **state level** seminar on recent trends in wild life and its conservation held on 20-21 September 2013 at KAANM Sonawane art, commerce & science college satana.
- ❖ Two days **National level** seminar on Chemistry for overall development of human being at Karmveer Shantarambapu Kondaji Wavare, Arts science & Commerce College CIDCO, Nashik held on 16 & 17 Jan 2015.
- ❖ One day **Workshop** on revised **syllabus of T.Y.B.Sc** zoology held on 21 Feb 2015 at L.V.H.ASC College, Panchvati, Nashik under quality improvement programme of university of Pune.
- ❖ Two days **state level** seminar on 'advanced research techniques in Life sciences' organized by Dept. of the Life sciences at Karmveer Shantarambapu Kondaji Wavare, Art science & Commerce College CIDCO, Nashik held on 20&21 Jan 2016.
- ❖ Attended the **National level** Conference on Biodiversity and Environmental Impact (NCBEI) held on 24th December 2016 organized by Smr. N.N.C. Arts, Commerce and Science College, Kusumbataluka, district Dhule.
- ❖ Attended International Workshop on Nutrigenomics & Nutrigenetics organized by KTHM College Nashik on 29/01/2016.
- ❖ Attended international conference on Recent Trends In Chemical & Environmental Sciences at KSKW College CIDCO Nashik on 12/02/2016
- ❖ Completed online course IIRS by ISRO from 16/02/2017 to 02/04/2018

- ❖ Attended National Conference on Prospectives and Problems of Biological Products in Crops, Animals and Human Life held at KTHM College Nashik on 02/02/2018
- ❖ Attended the 2 days **state level** workshop on use of ICT in teaching for slow and advanced learners under Quality improvement Programme organized by IQAC and dept. of physics at K.P.G. College Igatpuri on 15-16/02/2019.
- ❖ Attended national Level Workshop on Interest Exploration Meeting for RESPOND held at KTHM College Nashik on 11/07/2019
- ❖ Attended National level Seminar on Innovative and Best Practices in Higher Education held at Modern College Pune on 26/07/2019.

Membership of Professional Institutions

- ❖ Working as **Review member of International Journal of Emerging Technologies and Innovative Research (JETIR)** since 29 July 2021.

Role in Curriculum/administrative Activity (College level committee)

CO-CURRICULAR ACTIVITIES:

- ❖ Worked as **Committee** Member of NAAC in Karmveer Shantarambapu Kondaji Wavare, Arts Science & Commerce College CIDCO, Nashik. 2010-11 to 2017-18.
- ❖ Worked as Committee Member of state level Seminar on “EFFECT OF POLLUTION ON BIODIVERSITY” by Department of Zoology at K.S.K.W. art, science & commerce College, CIDCO Nashik in Feb 2011.
- ❖ Actively participate in district level workshop in ‘Restructuring of syllabi of T.Y.B.Sc at Satana College on 26 Feb 2013.
- ❖ Active participation in organizing many Study and Excursion Tours for Zoology & Environmental Studies students at Ratnagiri, Murud Jangira, Mahabaleshwar, Pune, Saputara, Vani, Trimbakashwar, Nashik, Dahnu etc. 2006, 2010, 2011, 2013, 2016.
- ❖ Worked as Committee Member of state level Seminar on ‘Advanced research techniques in Life sciences’ organized by Dept. of Life sciences at Karmveer Shantarambapu Kondaji Wavare, Arts science & Commerce College CIDCO, Nashik held on 20 & 21 Jan 2016.
- ❖ Worked as Asst. Coordinator of state level seminar on “Strategies for environmental protection and biodiversity management” organized by Life Science Department, K.P.G. College Arts, Commerce and Science College, Igatpuri held on 30th-31st December 2016.
- ❖ Worked as Committee Member of NAAC Criteria III in K.P.G, Arts Science & Commerce College Igatpuri. 2015-16 and 2016-2017.

- ❖ Worked as external practical examiner at S.Y.BSc in K.K. Wagh College Pimpalas and Rajaramnagar in 2016 & 2017 respectively.
- ❖ Worked as exam committee member in K.K.Wagh arts, science and Commerce College Pimpalgaon (B) 2016 to till date.
- ❖ Worked as Internal Senior Supervisor in K.K. Wagh College Pimpalgaon (B), conducted session from 2/5/2018 to 15/5/2018.
- ❖ Worked as member of flying squad for S.P.P.U. Pune.
- ❖ Worked as external practical examiner at F.Y.BSc. (IGNOU) in K.T.H.M. College.
- ❖ Working as coordinator for NAAC Criteria VII in in Karmveer Shantarambapu Kondaji Wavare, Arts Science & Commerce College CIDCO, Nashik
- ❖ Working as paper setter for F.Y.BSc. in Savitribai Phule University pune.

EXTRA-CURRICULAR ACTIVITY :

- ❖ Worked as a **Member** in the college Annual Social Gathering in the year 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019.
- ❖ Worked as a Committee Member of Science Association in K.S.K.W. College, CIDCO. (2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019).
- ❖ Worked as coordinator for Career Guidance and Counselling committee at college level in 2018-19
- ❖ Worked as Committee Member of “Zonal Level Student Research Competition Avishkar 2014” by BCUD S. P. University of Pune at K.S.K.W. College, CIDCO Nasik in September 23, 2014.
- ❖ Worked as **Gender Audit** coordinator at K.K. Wagh Arts, Science and Commerce College Pimpalgaon (B).
- ❖ Working as member of E-waste management.
- ❖ Working as a member of Antisexual harassment committee
- ❖ Working as a member of incubation center and E-content Development.
- ❖ Working as a coordinator for Best Practices at college level.
- ❖ Working as coordinator for “**Unnat Bharat Abhiyan**”, a flagship programme for village development under the guidance of MHRD Delhi.
- ❖ Working as coordinator for **Water Audit 2019-20**
- ❖ **Working as review member of International Journal of Emerging Technologies and Innovative Research (JETIR)** since 29 July 2021.

EXTENTION ACTIVITIES:

- ❖ Working as coordinator of UBA:
Done socio-economic Survey in five villages Girnare, Gangavhare, Pimplad- nasik, Chandashi and Pegalwadi Trymbak Dist. Nashik for socioeconomic development of villages under “Unnat Bharat Abhiyan (UBA)”.
- ❖ Actively participated in Cleanliness Campaign, Tree plantation and create Environmental awareness among villagers of Girnare.
- ❖ The **Gender Audit** tried to access the impact of its current and proposed policies on gender equality and gender sensitization.
- ❖ Worked as Asst. Coordinator for The national conference on Gender Sensitization: Special Reference to Third Gender was organized in college Aims and Objectives of the conference were to focus on education for third gender to create employment, to sensitize minds of people to accept third gender as a part of our society and to become familiar with the National and International legal frame work for gender quality.
- ❖ Working as a member of Anti- Ragging and Discipline Committee for safety of Girls and to bring out the overall development of girls and boys and thereby to mould a better society with equality
- ❖ Conducted Screening of *Anaemia* in rural women by haemoglobin estimation camp and blood donation camp at Girnare had been carried out in collaboration with Maratha Vidya Prasarak Samaj's Dr Vasantrao Pawar Medical College Hospital and Research Centre, Nashik.
- ❖ Actively participated in books distribution into adapted village Girnare under the scheme Granth Tumachyadari and made available the books to the people of Girnare village.
- ❖ Participated in Tree plantation in Girnare village to create awareness about environment among villagers.
- ❖ Written article on Endangered species of animals on the occasion of World's Endangered species day in Purnanagari on 15 May 2020. Tried to aware people about endangered species of plants and animals
- ❖ Working as a member of committee of Medical Health Check-up, Camp was conducted for all Under Graduate and Post Graduate students.

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date: 31/03/2023

A handwritten signature in black ink, appearing to read 'M. Patil', with a horizontal line underneath.

(Dr. Mayura S. Patil)