

Name of the faculty: Dr. Anita P. Patil



<b>Designation</b>	Assistant Professor
<b>Name of the department</b>	ZOOLOGY
<b>E-mail</b>	anitakap@gmail.com
<b>Qualification</b>	M.Sc. M.Phill. Ph.D.
<b>Teaching Experience:</b>	<b>Years – 16 th Years</b>
<b>Research Guidance for M.Phil./Ph.D./Project</b>	
1.	
<b>Research Projects:</b>	
1) Completed minor research project sanctioned by UGC ON“Development of Analytical procedures for residual Pesticide Determination on various vegetables using GC.and GC.MS”. Amount sanctioned is Rs. 1, 45,000/-	

**Patent / Copyright -**

1. Patent filed, file no.:201921032508A, Date of application:10/08/2019, Date of publication : 10/11/2019, Title: Methods for preparation of perovskites  $Mn_2CeO_6$  Nanoparticles.

**Research paper published / presented**

1) "Effects of an insecticide endosulfan on protein content of edible fresh water fish *Nemacheilusbotia*" presented in International conference held at Department of Zoology & Environmental Science, Gurukul Kangri Vishwavidyalaya, Haridwar. WCMANU-2010.

2) "Studies on toxicity of endosulfan on edible fresh water fish species *Nemacheilusbotia*" International journal *Environmental Conservation Journal*. 12 (1&2)1-4, 2011. (I.F.0.156) ISSN: 0972-3099.

3) "Comparative studies on structure of hair, scale pattern, cortex and medulla in man and other animals" *Golden research thoughts vol-2 issue 8<sup>th</sup> feb 2013*, ISSN no. 2231/5063. Impact factor 0.186.

4) "Effects of an insecticide endosulfan on protein content of edible fresh water fish *Nemacheilusbotia*" Chapter 35, *Environmental Biotechnology*, 2013. Pages 289-296. ISBN No. 9788176222730.

- 5 ) "Effects on glycogen content of edible fresh water fish *nemacheilusbotia* exposed to insecticide Endosulfan" international journal of Advances in Management, Technology &Engineering sciences Vol.3,Issue9(2),pp21-25, ISSN 2249-7455.JUNE 2014.
- 6) "Identification, Isolation and Characterization of Bacterial Extracellular Alkaline Pectinases." Scholars World - International Refereed Multidisciplinary Journal Of Contemporary Research, vol-3 February.2015 ISSN: 2319-5789 PP62-67 (SJ Impact Factor 3.552). (Indexed).
- 7) "Impact of Folicure on Protein alteration in fresh water snail *Lymnea auricularia*". Scholars World - International Refereed Multidisciplinary Journal Of Contemporary Research, vol-3 February. 2015 ISSN: 2319-5789 PP54-57 (SJ Impact Factor 3.552). (Indexed).
- 8) Heavy metals analysis Study by EDS from Ayurvedic antacids drugs International Journal of Research in Engineering and Applied Sciences (ISSN 2249-3905) Vol. 5, Issue 08, Aug 2015, pp- 67-75. (SJ Impact **Factor 5.981**).(Indexed). **Peer reviewed referred.**
- 9) Identification and Estimation of Cobalt from Arogyawardhini Vati samples by spectrophotometric technique" World journal of pharmacy and pharmaceutical sciences, Dr. Kapadnis , Jadhav K.K. and Dr. Patil A.P.Volume 4, Issue 11, pp-1493-1498, *Nov, 2015*, ISSN 2278-4357, ICV 5.76 (SJ **Impact Factor 5.21**). (Indexed) **peer Reviewed referred.**
- 10) Four synthesis methods of Schiff base ligands and preparation of their metal complex with IR and antimicrobial investigation" World journal of Pharmacy and pharmaceutical sciences, Dr. Kapadnis, JadhavSheetal P, Dr.Patil A.P.and Dr. Hiray A.P Volume 5, Issue 2, pp-1055-1063, *Jan. 2016*, ISSN 2278-4357, ICV 5.76 (SJ **Impact Factor 5.21**). (Indexed)**peer Reviewed referred**
- 11) Determination of residual pesticides by using GC technique from guava and pomegranate". World journal of pharmacy and pharmaceutical sciences, Dr. Kapadnis , Mr. R.K. Sonawaneand Dr. Patil A.P.Volume 4, Issue 12, pp1054-1063, *Dec.,2015*, ISSN 2278-4357, ICV 5.76 (SJ **Impact Factor 5.21**). (Indexed) **peer Reviewed referred.**
- 12) Isolation, screening and optimization of microorganism producing amylase" World journal of pharmacy and pharmaceutical sciences, Dr. Kapadnis, Miss Patil V.B. and Dr. Patil A.P.World journal of pharmacy and pharmaceutical sciences, Vol. 4, Issue 07,pp- 1415-1425.*July, 2015*, ISSN 2278-4357, ICV 5.76 (SJ **Impact Factor 5.21**). (Indexed)**peer Reviewed referred. )**

- 13)** “Synthesis of nano composites zinc and cobalt ferrite-polyaniline by polymerization method, their characterization and bio assay”, World Journal of Pharmaceutical Research, ISSN 2277– 7105 Volume 5, Issue 9, Aug -2016, pp- 556-563. **(SJ Impact Factor 7.523)**. (Indexed). Peer Reviewed referred.
- 14)** “Effect of folicure on lipid alteration in fresh water snail *Lymnaea auricularia*” World Journal of Pharmaceutical Research, ISSN 2277– 7105 Volume 5, Issue-11, OCT-2016, pp-957-961. **(SJ Impact Factor 7.523)**. (Indexed). Peer Reviewed referred.
- 15)** “Determination of heavy metals (arsenic, cadmium and lead) from different body lotions” World Journal of Pharmaceutical Research, ISSN 2277– 7105 Volume 6, Issue 12 sept-2017, pp-1113-1121, AUG-2017, **(SJ Impact Factor 7.523)**, (Indexed). Peer Reviewed referred. (single author).
- 16)** “Toxicity of folicure on ascorbic acid alteration in fresh water snail *Lymnaea auricularia*” Researchers world journal of arts sci and commerce, ISSN-2231-4172, Jan-2018, PP-231-233, (single author).
- 17)** “Synthesis, Characterization of Silver Nanoparticles (Agnp’s) Using Neem (*Azadiracta Indica* Linn.) Leaf Extract And Its Utilization For Antimicrobial Activity Against Some Pathogenic Microorganisms” Our Heritage (UGC Care Listed) ISSN: 0474-9030 Vol-68, Special Issue-12, feb 2020, pp 1-11., (single author).
- 18)** “effect of heavy metal induced antioxidant mechanisms in fresh water fish *clarias batrachus*” World Journal of Pharmaceutical Research, ISSN 2277– 7105 Volume 9, Issue 4, pp- 1352-1361, march-2020, **(SJ Impact Factor 7.523)**, (Indexed). Peer Reviewed referred. (single author).
- 19)** “extraction of beetroot for alcohol production by fermentation method: alcohol characterization by gc-ms and its bioassay” International Journal of Creative Research Thoughts (IJCRT) ISSN: 23202882 Volume 8, Issue 3, pp- 3202-3208, march-2020, (Impact factor 7.97)
- 20)** “Research Study of I.Q.A.C and N.A.A.C in Indian Higher Education System” R. M. Nikam, K. H. Kapadnis, Anita P Patil and R.Y. Borse, journal of advanced scientific research ISSN 0976-9595, may-2021, pp-457-464.
- 21)** “QUANTITATIVE ANALYSIS OF CASIEN BY PRECIPITATION FROM THE VARIOUS MILK POWDER SAMPLES & DETECTION OF METALS IN MILK POWDER SAMPLES” \*Dr. Anita P. Patil, World Journal of Pharmaceutical Research SJIF Impact Factor 8.084 Volume 9, Issue 14, 2021, 876-884. ISSN 2277– 7105.
- 22)** “Research Study of Governing Bodies in Indian Universities: An Overview of Current Scenario”, R. M. Nikam, K. H. Kapadnis, Anita P Patil and R.Y. Brose, International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653,

- 23)** “ Enhanced Photo catalytic Activity of Two Dimensional Graphitic carbon nitride: C<sub>3</sub>N<sub>4</sub>@Co<sub>3</sub>O<sub>4</sub> Core shell nano composite for Discriminatory Organic transformation of CF dye under Hg-vapor reactor “A P PATIL<sup>1</sup>, S A AHIRE, S N HIRAY, K H KAPADNIS, T A RAJPUT and P B KOLI, Material Science Research India, ISSN: 0973-3469, Vol.18, No.(2) 2021, Pg. 190-205.
- 24)** “Antibacterial Applications of Biosynthesized AgNPs: A Short Review (2015-2020)” K. H. Kapadnis, Anita p Patil, Material Science Research India ,ISSN: 0973-3469, Vol.18, No.(2) 2021, Pg. 143-153.
- 25)** “ Sonochemistry :sulphamic acid catalaised green synthesis and charecterastion of some  $\beta$ -amino carbonillygands containing chloro substituents” Anita p Patil, Journal of Advanced scintiphic research, ISSN: 0976-9595 vol-12(2), pp-340-343.
- 26)** “100) “Transition metal incorporated, modified bismuth oxide (Bi<sub>2</sub>O<sub>3</sub>) nano photo Catalyst for deterioration of rosaniline hydrochloride dye as resource for Environmental rehabilitation” PrashantBhimraoKoli, Kailas Haribhau Kapadnis, Anita Patil ISSN ;0019-4522, vol-98 (2021) 100225, pp1-18.
- 27)** “Screen printing strategy for investigation of spectrophotometric properties of modified thick film of zirconium oxide and tin oxide composites” RohitNikam, Patil A.P. and Kapadnis K.H., Oriental journal of chemistry. ISSN;0970-020x, Vol-37,no.(5), 2021, pp-1117-1124.
- 28)** “Study of Molecular Interactions present in Binary Liquid Mixtures of Di-ethyl ether Isopropyl Ether and n-Di-butyl Ether with 2-Pentanol at Different Temperatures” KailaspatilJadhavKailas. Kapadnis, Anita Patil. ISSN Online: 2456-8937, Asian journal of organic and medicinal chemistry volume 7, issue-2, UGC CARE APPROVED JOURNAL, may-june 2022, pp-128-134.
- 29)** “Interpretation of Viscometric, Thermodynamic and Acoustic Properties of Maltose in Aqueous Sodium Fluoride” Raghunath K. Sonawane, Kailas. H. Kapadnis, Arun B. Nikumbh, Anita Patil. ISSN Online: 2456-8937, Asian journal of organic and medicinal chemistry volume 7, issue-2, UGC CARE APPROVED JOURNAL, may-june 2022, pp-204-213.
- 30)** “Designing of LaCrO<sub>3</sub> – TiO<sub>2</sub> nanocomposites p: n heterojunction-based sensor material for the selective detection of volatile petrol vapors (PV) and CO<sub>2</sub> gas vapors” VrushaliShyamrao Shinde a,b , Kailas Haribhau Kapadnis c,b , Anita Parashram Patil d,b , PrashantBhimraoKoli b, Journal of the Indian Chemical Society, ISSN-0019-4522, 99(2022),100367, pp-1-18.
- 31)** “ The world war against covid -19” Anita Patil. ISSN Online: 2456-8937, Asian journal of organic and medicinal chemistry volume 7, issue-2, UGC CARE APPROVED JOURNAL, may-june 2022, pp-320=327.
- 32)** “ Sonochemistry; aulpamic acid catalaised green synthesis and charecterisation of somr  $\beta$  –amino carbonil ligand containing cloro substituents” Anita Patil, journal of

advance science and research,12(2),2021,Anita Patil. ISSN -= 0976-9595.

**Books published / chapter in a book**

1) An international reference book on“Endosulfan toxicity study on fish” **ISBN No.978-3-659-37218-6** lap -Lambert publication Germany.

2) “Mantra of survival to future generation- Gandi’s principals,

**Conferences/Seminars/ Workshop organized / attended**

Sr. No.	Workshops or Seminars	VENUE	TOPIC
1	International conference	GurukulKangdiVishvavidyalay ,Haridwar, Uttarkhand. India.	“Global Climate chan Biodiversity Conservation(WCMAN
2	International interdisciplinary conference	SangamnerNagarpalika Arts, D.J. Malpani Commerce & B.N. Sarda Science College, Sangamner, Dist. Ahmednagar, (M.S.), India	on" Paradigm shift in E alteration on Trade,Commerce, and Management.Engineer sciences
3	International interdisciplinary conference	M.S.G.College Malegaon camp. Dist- Nashik. (17 &18 feb- 2016).	International conferen trends and issues in re development (ETIRED- <b>(presented paper)</b> )
4	International interdisciplinary conference	L.V.H.College ,Panchvati, Nashik- 422003.(18-20 jan 2018)	Innovations in nano at applications(ICINA-201 <b>paper)</b>
5	International	L.V.H.College ,Panchvati, Nashik-	Innovations in teaching evolution

	interdisciplinary conference	422003	
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**National conferences**

**State level workshop**

1	State level workshop	Advocate M.N.Deshmukh, A.S.&C. College RajurDistA'Nagar.	"precaution to be ta while handling hazar chemicals in laborato
2	State level Seminar	L.V.H.College Nasik	Perspective in physio zoology
3	State level Seminar	M.S.G.College Malegaon Camp	Awareness, motivatio Technology transfer f development of beek rural area
4	State level Seminar	P.V.H. mahila College malegaon Camp.	Interdisiplinary semin recent trends advanc Biotechnology.
5	State level Seminar	L.V.H.College Nasik	Development of labo skills in non-teaching various colleges
6	State level workshop	L.V.H.College Nasik	Biological Techniques
7	State level Seminar	L.V.H.College Nasik	Claimate change and sustenability
8	State level Seminar	Arts, Sci and Com. College Surgana	Biodiversity importan conservations
9	workshop	L.V.H.College Nasik	Public health and h
10	Seminar	K.K.W.Collegepimpalgaon(b)	Recent trends in life s
11	Seminar	M.S.G.College Malegaon Camp	Recent trends in M Biology
12	Seminar	M.S.G.College Malegaon Camp	Recent advance conservation of wa agriculture maneg
13	Seminar	L.V.H.College Nasik	Biodiversity and conservation

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