

RESUME



Dr. Patkar Namdev Babruvan

(M.Sc. M.Ed. CTET SET NET Ph.D.)

Full Name : Dr. Namdev Babruvan Patkar
Father's Name : Mr. Babruvan Sandipan Patkar
Designation : Assistant Professor
Date of Birth : 9th Dec 1983
Permanent address : 44, Deshmukh Patil Wasti, Laxmi Peth, Solapur-413001
Present address : 44, Deshmukh Patil Wasti, Laxmi Peth, Solapur-413001
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Sex : Male

Languages known :

Languages	Read	Write	Speak
Marathi	✓	✓	✓
Hindi	✓	✓	✓
English	✓	✓	✓

Nationality : Indian

Domicile : Maharashtra

Career Objectives :

Seeking for challenging opportunity and position, so as to utilize my technical and administrative knowledge to achieve the goal of an Organization. Willing to work as a key player in challenging and creative environment.

Educational Qualifications :

Degree	Board/ University	Year of Passing	Division/ Grade	% of marks	Subject/s
B. Sc.	Shivaji	2004	Ist class	68.44%	Zoology
M. Sc.	Shivaji	2006	Ist class	66.63%	Zoology
B.Ed.	Solapur	2007	Distinction	70.40%	Science, Math's
M.Ed.	Solapur	2008	Ist class	65%	Science, Math's
NET	CSIR-UGC	June 2015	Qualified	47.75%	Life Sciences
SET	Pune Uni.	Sept. 2015	Qualified	62.29%	Life Sciences
MHCIT	MSBTE	Sept 2003	Ist class	69%	-----
CTET	CBSE	2011	Qualified	61	All
Ph.D.	Dr. B.A.M.U., Aurangabad	Nov. 2016	Awarded	-	Zoology

Teaching Experience :

Sr. No.	Name of College	Nature of Appointment	Date of Appointment		No. of Year/s & Month/s
			From	To	
1)	V.G.Shivdare College of Arts, Commerce, & Science. Solapur.	Assist. Professor	15/6/2008	29/04/2010	2 yrs
2)	Walchand College of Arts & Science, Solapur.	Assist. Professor	15/06/2010	To till date	7 yrs
				Total	9 yrs (UG: 9 yrs and PG: 7 yrs)

Title of the Ph.D. thesis :

Doctoral research entitled on “**Studies on some Ecological aspects of Ants (Hymenoptera: Formicidae) in the Great Indian Bustard Wildlife Sanctuary, Nannaj (M.S.) India**” completed under the guidance of Dr. R. J. Chavan from Dept. of Zoology of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

Major research areas within the subject : * Entomology, Myrmecology, Molecular Biology
* Molecular Taxonomy

Membership of any academic Body : -----

Annexure-01

**Paper presentation
at State, National and International
Conference**

: Total – 09

Annexure-02

**Courses/ Workshops/ Conferences/ Seminars/ Orientation courses/ Refresher courses/
Symposia etc. attended :**

Sr. No	Title	Place	Date
1	UGC Sponsored workshop on “Teaching Problems in theory and Practical syllabus of Biotechnology”	Solapur University, Solapur and Lokmangal Biotechnology College, Wadala,	10 th Feb 2008
2	UGC Sponsored National Conference on “Biodiversity & Conservation of Nature and Natural Resources” (NCBCNNR-2010)	D. B. F. Dayanand College of Arts and Science, Solapur.	29 th & 30 th Jan 2010
3	Two day Workshop on “Techniques in Biotechnology” organized by BioEra Medical Systems Ltd, Pune	V.G.Shivdare College of Arts, Commerce, & Science. Solapur.	29 th & 30 th Dec.2008
4	Two day Workshop on “Techniques in Molecular Biology and Genetic Engineering Organized by BioEra Medical Systems.	Lokmangal Biotechnology College, Wadala	2009
5	Seven day Workshop on “Enzymology(Enzymes Rennet & Bromelain) and its impact in Industries organized by niTza Biologicals Pvt. Ltd,Hydrabad	V.G.Shivdare College of Arts, Commerce, & Science. Solapur	4 th to 10 th Sept 2009
6	75 th BRNS-IANCAS Seven day National Workshop on Radiochemistry & Applications of Radioisotopes	Solapur Science Centre, Solapur and by IANCAS, DAE, Govt. of India	25 th -31 th Dec. 2010
7	UGC Sponsored National Conference on “ Recent trends in Life Sciences with Special Reference to Animal Physiology, Biotechnology and Biodiversity”	SGM College of Arts & Science, Karad, Dist.Satara	19 th -20 th Oct. 2011
8	National seminar on Geochemistry and Geophysics of Earth Materials and Environment (GAGEME-2011)	School of Earth Sciences, SRTM, Nanded	28 th -29 th Jan 2011
9	U.G.C. Sponsored Two Days State level seminar on “Advances in Biotechnology”.	KBP Mahavidhyalaya, Pandharpur, & V. G. Shivdare College, Solapur	13 th & 14 th Feb 2009

10	UGC Sponsored National Pre-Science Congress Conference on “Science and Technology for Human Development”	Dept. of Zoology, B.A.M.U., Aurangabad	30 th & 31 st Dec. 2014
11	International Conference on “Chemical , Material and Bioscience for sustainable development”	Walchand college of Arts and Science college, Solapur.	8 th to 10 th 2015
12	U.G.C. Sponsored National conference entitled on “Harmony with nature in context of Bio-resources and Environmental Health (HARMONY-2015)”	Dept. of Zoology, B.A.M.U., Aurangabad	23 rd -25 th November 2015
13	One day Seminar on Waters Product and Basic Chromatography	Waters Systems Pvt. Ltd., Mumbai & Walchand college of Arts and Science, Solapur.	21 st Dec 2015.
14	UGC Sponsored National Conference on “Biodiversity & Management of Bio-resources”	Dept. of Zoology, Shivaji University, Kolhapur	15 th & 16 st Dec. 2015
15	One Day Workshop on “Revised Syllabus for B. Sc. III Zoology Practicals”	Walchand college of Arts & Science, Solapur In collaboration with Solapur University, Solapur	10th January 2016 Resource Person
16	One Day Workshop on “Recent trends in Biochemistry and Biotechnology”	Walchand college of Arts & Science, Solapur	30th January 2016 Resource Person
17	One Day Workshop on “Advances in Biotechnology-2016”	Walchand college of Arts & Science, Solapur	22 nd August 2016 Convener
18	One Day Workshop on “Writing of Research papers Ph.D. thesis and project proposals-2016”	N.B. Navale college of Engineering, Kegaon	20 Dec. 2016
19	One Day Workshop on “NET-SET Exam Guidance”	Dayanand college of Arts & Science, Solapur	7th January 2017 Resource Person
20	One day Workshop Advanced Techniques for Basic sciences 2017	Walchand College, Solapur	24/01/2017 Resource Person
21	One day Workshop Advanced Techniques Biotechnology and Nanotechnology	Walchand College, Solapur	13/02/2017 Resource Person
22	UGC Sponsored two day National conference on “Aquatic Biodiversity (NCAB-2018)”	Yashwantrao Chavan Mahavidyalaya, Tuljapur	19th & 20th January 2018. Attended

College co-curricular activities	: List Attached	Annexure-03
Professional and other activities	: List attached	Annexure-04
Examination duties (Solapur University, Solapur)		Annexure-05
Achievements	: List attached	Annexure-06
Completed research Project.	: “Effect of Ca-Zn Bioactive ceramic on Liver Functions of male Albino Rat” towards partial fulfillment of M.Sc. course.	
Project Guidance at B.Sc.III level (Biotechnology)	: List attached	Annexure-07
Project Guidance at M. Sc. II level (Biotechnology)	: List attached	Annexure-08
Publication of Research papers	: Total: 6 (National: 02 & International: 04)	Annexure-09
Workshops/Conferences/Seminars/Oral/Poster competition organized		Annexure-10
Member of Consultancy Services	: Soil & Water Analysis	
Faculty Member of COC sponsored by UGC	: Tissue culture and Biotechnology	

Place : Solapur

Date: 24 /05 /2018

Dr. N. B. Patkar

Annexure-01

Membership of any academic body

- Gulmohar Nisarg Mitra Mandal, Dept. of Zoology, Kolhapur.

Annexure-02

Paper presentation at State, National and International Conference/Workshop/Seminar

- “Diversity of Ants from Solapur region (M.S.) India” in UGC Sponsored National Conference on “Recent trends in Life Sciences with Special reference to Animal Physiology , Biotechnology and Biodiversity” organized by SGM College of Arts & Science, Karad, Dist. Satara on 25th Nov 2011.
- First record of Ant-plant-Membracid interaction in GIB Wildlife Sanctuary, India in UGC Sponsored National Pre-Science Congress Conference on “Science and Technology for Human Development” organized by Dept. of Zoology, B.A.M.U., Aurangabad 30th & 31st Dec. 2014
- First record of ant-membracid-plant interaction in Great Indian Bustard Wildlife Sanctuary, Maharashtra State, India in U.G.C. Sponsored National conference entitled on “Harmony with nature in context of Bio-resources and Environmental Health (HARMONY-2015)” organized by Dept. of Zoology, B.A.M.U., Aurangabad on 23rd-25th November 2015.
- Studies on Biosurfactant Production by Bacterial Species Isolated from Soils of Solapur Region, Maharashtra, India in **International** Conference on “Chemical, Material and Bioscience for sustainable development” Walchand College of Arts and Science, Solapur on 8th to 10th Jan. 2015.
- Studies on isolation and characterization of some keratinolytic bacterial strains from soils of Solapur region (M. S.) India in UGC Sponsored National Conference on “Biodiversity & Management of Bio-resources” organized by Dept. of Zoology, Shivaji University, Kolhapur on 15th & 16st Dec. 2015
- First record of mutualistic interaction between Unknown Lycaenid caterpillar and Carpenter ant, *Camponotus compressus* Fab. in the Great Indian Bustard Wildlife Sanctuary, Maharashtra State, India in UGC Sponsored National Conference on

“Biodiversity & Management of Bio-resources” organized by Dept. of Zoology, Shivaji University, Kolhapur on 15th & 16th Dec. 2015

- Presented a poster in and Got IInd prize in University level **Avishkar-2016** research festival organized by Solapur University, Solapur on 27-28 Dec 2016.
- Presented a poster in State level **Avishkar-2016** research festival organized by SRTM University, Nanded on 27-29 Jan 2017.
- Presented a poster in National conference on “Microbial Technology for Sustainable Development (MTSD)” entitled on “Antimicrobial activity and phytochemical properties of *Eragrostis tenuifolia* (Love Grass)” on 2nd Feb. 2018.
- Presented a poster in UGC Sponsored two days National seminar on “Recent trends & developments in Microbial Technology” entitled on Keratinase producing bacterial strains from poultry farm soils of Solapur city (M.S.) India on 15-16th Sept. 2017.

Annexure-03

College co-curricular activities :

- In charge of Molecular Biology Laboratory.
- Faculty Member of Soil & Water Analysis COC
- Faculty Member of UGC Sponsored Plant & Animal Tissue culture COC
- Faculty Member of COC in Vermicomposting and Vermitechnology
- **Head** of the department of Biotechnology
- **Staff Secretary** for department of Biotechnology
- Organizer and Secretary of Departmental **Biotechnology Club**
- Member of Ganesh festival competitions at college level.
- Member of B. Sc. I Admission, Time table, Mentoring system & result analysis, Publicity, Library Advisory, Employment Cell and Alumni & Parent teacher association committee

Annexure-04

Professional, Extension, Social and other activities

- Teaching staff and students of dept. actively participated in Blood Donation camp Organized by WCAS & Siddheshwar Blood bank on 28/9/16.
- Teaching staff and students of dept. actively participated in Blood Donation camp Organized by WCAS & Damani Blood bank on 9/12/16.
- Teaching staff and students of dept. actively participated in Blood Donation camp Organized by WCAS & Hedgewar Blood bank 9/3/16.

- Delivered a plenary talk on Conservation of Biodiversity in Nagesh Karajagi Orchid Junior College on the occasion of Environment Day on 07/06/2016
- Invited as Chief Guest for Valedictory Function of Taluka level Science Exhibition organized by J.R. Chandak Prashala, Bale on 09/12/2016.
- Worked as Examiner in the District level Science Exhibition.
- Worked as a Practical Examiner in H.S.C. Examination.
- Worked Subject Expert of Biology & Biotechnology for NEET MH-CET Software Development Programme coordinated by Cruncher SofTech Pvt. Ltd. Pune.
- Worked as Examiner (Judge) in college level Seminar Competition (World Tiger Day) organized by Dept. of Zoology, Walchand College of Arts and Science, Solapur on 29th July 2017.

Annexure-05

Examination duties (Solapur University, Solapur)

- Worked as **BOS Sub-committee member** for syllabus framing of B. Sc. III Biotechnology (CBCS) under **Solapur University, Solapur**.
- Worked as a **Paper Setter, Practical and theory Examiner and Moderator** at B.Sc. I, II and III (Biotechnology), Environmental Studies (UG Level Compulsory Subject) & M.Sc. I and II (Genetics) Examination 2008 to 2017 for Solapur University, Solapur.
- Practical Exam Schedule Coordinator for B. Sc. III Biotechnology in 2014-15 to 2017-18
- Worked as a Lab expert, Lab Supervisor at B.Sc. (Biotechnology) & M.Sc. (Genetics) in practical Examination 2008 to 2018.
- Worked as a **Paper Setter** for M.Sc. Biotechnology Entrance Examination (Solapur University, Solapur) June 2018.

Annexure-06

Achievements and Awards

- Awarded by Late. Princ. Shriram Sharma Memorial Prize for standing first in Zoology B.Sc. Part III Examination held in April 2004 at DBF College of Arts and Science, Solapur
- Winner of **Wildlife Quiz** competition organized by Department of Zoology, Shivaji University, Kolhapur on 26 August 2005 on the occasion of Nature Club Day.
- **Best Poster Award** in the National conference entitled on “**Harmony with nature in context of Bio-resources and Environmental Health (HARMONY-2015)**” held in Dept. of Zoology, BAMU, Aurangabad during 23-25 Nov. 2015.

- Awarded by Bhausaheb Gandhi **Sevabhavi (Ideal Teacher) Puraskar-2016** by Shri Bhausaheb Gandhi Prathisthan Solapur and Shri A. P. D. J. Pathashala, Solapur on 17th Nov. 2016.
- Won Second Prize in University level **Avishkar-2016** research festival organized by Solapur University, Solapur on 27-28 Dec 2016.

Annexure-07

Project Guidance at B.Sc. III level (Biotechnology)

1. “Production Biodiesel from waste Vegetable oil”
2. “Production of Pectinase by using *Aspergillus niger* in Solid State and Submerged Fermentation”
3. “Production of Amylase by using *Aspergillus niger* in Submerged Fermentation”
4. “Production of Citric acid from Cane molasses and Cheese whey by using *Aspergillus niger* in Submerged Fermentation”
5. “Antibacterial activity of some Liquid Soaps against Daily Encountered bacteria”
6. “Antibacterial activity of some Liquid Disinfectants against Daily Encountered bacteria”
7. Studies on Physico-chemical properties of termite mound soil and its effect on maize seed germination at GIB Wildlife Sanctuary, (M.S.) India”
8. Studies on Biosurfactant production by bacterial species isolated from soils of Solapur region, MS, India
9. “Studies on phytochemical analysis and medicinal properties of *Tribulus terrestris*”
10. Phytochemical analysis, antimicrobial and antioxidant activity of *Casia tora* (L.) stem extract
11. Phytochemical Analysis and Antimicrobial Activity of *Cleome viscosa L.* and *Passiflora foetida L*
12. “Phytochemical Analysis and Antimicrobial Activity of *Eragrostis tenuifolia*”

Annexure-08

Project Guidance at M. Sc. II level (Biotechnology)

- “Biosurfactant production by using bacterial strains isolated from soils of Solapur region (M. S.) India”
- Phytochemical analysis and antimicrobial activity of *Pistia stratiotes* and *Eichhornia crassipes*.

Annexure-09

Publication of Research papers

- **N. B. Patkar**, B.V. Sonune and R. J. Chavan. (2013). “Studies on Efficiency of Ant Collection Methods in and Around Great Indian Bustard Wildlife Sanctuary, Maharashtra State, India”. Indian Streams Research Journal. 2013; 3(6):1-3.
- **N. B. Patkar**, B.V. Sonune and R. J. Chavan. (2013). “Studies on Ants (Hymenoptera: Formicidae) in and around Solapur City, (M.S.), India”. Indian Streams Research Journal; 3(7):1-5.
- **N. B. Patkar**, B.V. Sonune and R. J. Chavan.(2014). Taxonomic study of ants Myrmicinae: Formicidae) from Great Indian Bustard Wildlife Sanctuary, Maharashtra State, India. Journal of Entomology and Zoology Studies. 2014; 2 (6): 253-256.
- **N. B. Patkar**, B.V. Sonune and R. J. Chavan.(2014).Diversity of Ants (Hymenoptera: Formicidae) From Undisturbed And Disturbed Habitats of Great Indian Bustard Wildlife Sanctuary, (M. S.), India. International Journal of Scientific Research. 2014; 3(12): 398-401.
- P. S. Kamalpure, **N. B. Patkar**. (2015). Biodegradation of Organophosphate Insecticide Malathion by Microorganisms Isolated From Soils of Solapur Region, India. GJRA - Global Journal for Research Analysis 4(8):72-73.
- A. V. Gunjal, R. J. Chavan, S. D. Chate and **N. B. Patkar**. (2016). Morphokaryological variations of *Chironomous plumosus* and *Chironomous kiiensis* (Diptera: Chironomidae) from Aurangabad district (M. S.), India. International Journal in Basic and Applied Sciences (IJARBAS).Vol. 2 Issue (2): 69-72 pp.

Annexure-10

Workshops/ Conferences/ Seminars/Oral/Poster competition conducted

- Worked as **Organizing committee member and Resource person** (PCR Techniques and Electrophoresis) for One day Workshop on “Advanced Techniques for Basic Sciences” organized by Dept. of Biotechnology, Walchand college of Arts and Science, Solapur 1st Feb 2016.
- Worked as a **Convener and Resource person** (Electrophoresis Techniques) for One day Workshop on “Recent techniques in Biochemistry and Biotechnology” organized by Dept. of Biotechnology, Walchand college of Arts and Science, Solapur 30th Jan 2016.
- Worked as a **member of organizing committee** for One day Seminar on “Waters Product and Basic Chromatography, Solapur 21st Dec 2015.
- Worked as **organizing committee member** for U.G.C. sponsored workshop on “Diversity of Spiders” organized by WCAS, Solapur 3rd to 5th Oct. 2011.
- **Convener** of Invitation, Banner and other Printing committee & member of College organizing and Registration committee of International conference on “Chemical ,Material and Biosciences for sustainable development” ICCMBSD-2015 during 8th to 10th January 2015
- Worked as **Organizing committee member and Resource person** (PCR Techniques and Electrophoresis) for One day Workshop on “Advanced Techniques for Basic Sciences” organized by Dept. of Biotechnology, Walchand college of Arts and Science, Solapur 20th Feb. 2015.

- Worked as **organizing committee member** for Five day Workshop on “Basics of Nanotechnology and Bionanotechnology” organized by Walchand Centre for Research in Biotechnology Nanotechnology and Bionanotechnology at Walchand college of Arts and Science, Solapur during 5th to 9th June 2015.
- Worked as **Organizing Secretary** for “Intra College Poster Competition 2013” organized by Dept. of Biotechnology, Walchand college of Arts and Science, Solapur on Monday 30th Dec. 2013.
- Worked as **Convener and Resource person** (PCR Techniques and Electrophoresis) for One day Workshop on “Advanced Techniques in Biotechnology” for Solapur district Junior College teachers (Biology) organized by Dept. of Biotechnology, Walchand college of Arts and Science, Solapur on Tuesday 7th Jan. 2014.
- Worked as **Organizing Secretary** for “Wildlife Clicks- 2015” an Exhibition and Competition on Wildlife photography organized by Dept. of Biotechnology, Walchand college of Arts and Science, Solapur on 25th August 2015.
- Worked as **committee member and Resource person** in One day workshop on “Advance Techniques for Basic Sciences” at Dept. of Biotechnology on 17th January, 2014
- Worked as a member of organizing committee member for U.G.C. sponsored workshop on “Diversity of Spiders” organized by WCAS, Solapur 3rd to 5th Oct. 2011.
- Worked as **Organizing committee member and Resource person** (PCR Techniques and Electrophoresis) for One day Workshop on “Advanced Techniques for Basic Sciences” organized by Dept. of Biotechnology, Walchand college of Arts and Science, Solapur 1st Feb. 2016.
- Participated in SHODHVEDH-2016 (In house research festival) organized by Gogate College of Arts and Science, Ratnagiri on 24/09/2016.
- Worked as **Organizing committee member and Resource person** (PCR Techniques and Electrophoresis) for One day Workshop on “Advanced Techniques for Basic Sciences” organized by Dept. of Biotechnology, Walchand college of Arts and Science, Solapur 8th Feb. 2017.
- Worked as **Organizing committee member and Resource person** (PCR Techniques and Electrophoresis) for One day Workshop on “Advanced Techniques Biotechnology and Nanotechnology” organized by Dept. of Biotechnology & Nanotechnology, Walchand college of Arts and Science, Solapur 24 Feb. 2017.
- Worked as **Resource person** in One day Workshop on “Advanced learning in Biotechnology and Bioinformatics” organized by Walchand college of Arts and Science, Solapur in collaboration with Sangola College, Sangola on 14th Sept. 2017
- Worked as **Resource person** in One day Workshop on “Bioinformatics” organized by Walchand college of Arts and Science, Solapur in collaboration with Sangmeshwar College, Solapur on 28th Aug. 2017
- Worked as **Resource person** in One day Workshop on “Advanced Techniques for Basic sciences” organized by Walchand college of Arts and Science, Solapur in collaboration with Adarsh Mahaviyalaya, Omerga on 15th Feb. 2018.
- Worked as **Resource person** in UGC Sponsored One day Workshop on “Techniques in Molecular Biology and Zoology” organized by Walchand college of Arts and Science, Solapur on 6th Jan. 2018.
- Worked as **Resource person** in UGC Sponsored One day Workshop on “Advanced Techniques in Zoology” organized by Walchand college of Arts and Science, Solapur on 12th Feb. 2018.
- Worked as **Convener** In House Research Festival “Prerana-2017” organized by Walchand college of Arts and Science, Solapur on 9th Sept. 2017.

- **Attended** One day National workshop on “Revised Assessment & Accreditation Methodology of NAAC” organized by D.B.F. Dayanand College of Arts and Science, Solapur on 5th Nov. 2017.