

RESUME

1. **Name (In block letters)** : NAMRATA AJIT JADHAV
2. **Date of Birth** : 15 February, 1993
3. **Permanent Address** : 1335, Jadhav Mala, Near Sutar Mal,
Laxtirth Vasahat, Kolhapur.
Pin code- 416010
4. **Mobile Number** : 7387866089
5. **Email** : namrataj919@gmail.com
6. **Sex** : Female
7. **Marital status** : Unmarried
8. **Nationality** : Indian
9. **State** : Maharashtra
10. **Religion** : Hindu
11. **Caste** : Maratha
12. **Languages known** : Marathi, Hindi and English

13. **Educational Qualification:**

Sr. No.	Degree	Specialization Subject	University/ Organizing Institute	Year	Score/ Marks Obtained	Class/ Grade
1.	S.S.C.	Science & Technology, Maths, Languages, Social Sciences	Kolhapur Divisional Board (Maharashtra)	2008	95.38%	I st class with distinction
2.	H.S.C.	Physics, Chemistry, Mathematics & Statistics, Biology, English, Sanskrit	Kolhapur Divisional Board (Maharashtra)	2010	82.50%	I st class with distinction
3.	B.Sc.	Zoology	Shivaji University, Kolhapur	2013	91.52%	A+ (First Rank in Shivaji University)
4.	M.Sc.	Zoology	Shivaji University, Kolhapur	2016	80.96%	A+ (First Rank in Shivaji University)
5.	NET-JRF	Life Sciences	CSIR-UGC	2016	64.25%	All India Rank-45

6.	GATE	Life Sciences	IIT Roorkee	2017	459	All India Rank-850
7.	Ph.D. Registered	Zoology	Shivaji University, Kolhapur	2017	--	--
8.	MH-SET	Life Sciences	Savitribai Phule Pune University	2019	--	--
9.	DMLT	-	UGC recognized Course, Vivekanand College, Kolhapur	2019	85.71%	Ist class with distinction
10.	MS-CIT	Information Technology	Government of Maharashtra	2008	88%	--

14. Service Details:

Sr. No.	Working College/University	Post Held	Period		Total Period
			From	Upto	
1.	Shivaji University, Kolhapur	Teaching Assistant (T.A.)	2019-20	2022-23	4 years
2.	Vivekanand College, Kolhapur (Department of Zoology)	Assistant Professor (C.H.B.)	03/07/2017 03/07/2023	30/04/2019 Till date	2 years

15. Awards and Scholarships:

- Won '**Late Dr. Appasaheb Tansen Varute Memorial Prize**' for securing highest number of marks in the subject of zoology at **B. Sc.** examination April 2013
- Won '**Kai. Shivajirao Mulik Smruti Paritoshik**' for securing highest number of marks in the subject of zoology at **M. Sc.** examination 2016
- Won '**Late Dr. Appasaheb Tansen Varute Smruti Paritoshik**' for securing highest number of marks in the subject of zoology at **M. Sc.** examination 2016
- '**Shivaji University Merit Scholarship**' for meritorious performance in the faculty of science at the 12th to B.Sc. I examination held in March 2010
- '**Shivaji University Merit Scholarship**' for meritorious performance in the faculty of science at the B.Sc. I examination held in April 2011
- '**Shivaji University Merit Scholarship**' for meritorious performance in the faculty of science at the M.Sc. I to M.Sc. II Zoology examination held in 2015-16

16. Invited Talks:

1. Deliverd lecture on 'Cancer' to M.Sc. students in NET/SET Coaching Programme at Department of Zoology, Sadguru Gadage Maharaj College, Karad on 27th October, 2018.
2. Deliverd lecture on 'Secretory Pathway and Protein Trafficking' to B.Sc. students at Department of Biotechnology, Sadguru Gadage Maharaj College, Karad on 2nd January,

2020.

3. Deliverd lecture on 'Apoptosis' to M.Sc. students in NET/SET Coaching Programme at Department of Zoology, Sadguru Gadage Maharaj College, Karad on 9th January, 2020.
4. Deliverd lecture on 'Cytoskeletal Assesmbly' to B.Sc. students at Department of Biotechnology, Sadguru Gadage Maharaj College, Karad on 29th August, 2022.
5. Deliverd lecture on 'Cell Biology- Cell Cycle and it's regulation' to M.Sc. students in NET/SET Coaching Programme at Department of Department of Zoology, Sadguru Gadage Maharaj College, Karad on 16th March, 2023.
6. Deliverd lecture on 'Techniques in Molecular Biology' to B.Sc. and M.Sc. students in one day workshop on 'Techniques in Molecular Biology' under lead college activity at Department of Zoology, Sadguru Gadage Maharaj College, Karad on 4th February, 2023.

17. Research Work:

Worked as M. Sc. Project Fellow on DBT-IPLS Project entitled "DBT-Shivaji University, Kolhapur- Interdisciplinary Programme of Life Science for Advanced Research and Education" from 17/09/2014 to 30/04/2016.

18. Research Publications:

Sr. No.	Name of Authors	Year of publication	Title of the paper	Name of the journal	Volume (Issue)	Page No.
1.	Nitin D. Potphode, Namrata A. Jadhav , Sneha S. Desai, Parashuram B. Teli and Madhuri V. Walvekar	2022	Modulatory Effect of Curcumin Nanoparticles on Islets of Langerhans of Alloxan Induced Diabetic Mice	International Journal of Research and Analytical Reviews	9	87-92
2.	Sneha S. Desai, Shilpa P. Khairmode, Nitin D. Potphode, Namrata A. Jadhav and Madhuri V. Walvekar	2022	Hypoglycemic and Hepatoprotective Activity of <i>Elettaria cardamomum</i> extract in HFD/STZ Induced Diabetic Mice	International Journal of Research and Analytical Reviews	9	155-160
3.	Sirinbanu R. Matwal, Namrata A. Jadhav , Jitesh A. Daunde, Madhuri V. Walvekar	2022	Wound Healing Acceleration using Curcumin and Carbon Nanodot Incorporated Nanofibrous PVA Scaffold in Mice Model (<i>Mus musculus</i>)	Journal of Shivaji University: Science and Technology.	48(1)	11-16
4.	N. A. Jadhav , S.R. Matwal, J. A. Daunde,	2022	Nanoformulations of curcumin for the	Journal of Shivaji	48(2)	1- 17

	S.S. Desai and M.V. Walvekar		treatment of diabetes mellitus and associated complications.	University: Science and Technology.		
5.	Madhuri V. Walvekar, Namrata A. Jadhav , Jitesh A. Daunde, Nitin D. Potphode and Sneha S. Desai	2023	Trigonelline: An Emerging Paradigm for Effective Therapy in Diabetes Mellitus	Journal of Endocrinology and Reproduction	27(1)	15-28
6.	Jitesh A. Daunde, Nitin D. Potphode, Pratiksha R. Pardeshi, Namrata A. Jadhav , and Madhuri V. Walvekar,	2023	Trigonelline nanoparticles: A novel tool to restore metabolic pathways in type 2 diabetic complications	Journal of Survey in Fisheries Sciences	10(2)	161-170

19. Conferences / Symposium:

Sr. No.	Title of Conference	Organizer	National/ International	Year
1.	National conference on “Convergence of Stem Cells and Medical Nanotechnology” (Attended)	D. Y. Patil University, Kolhapur	National	2 nd and 3 rd September, 2015
2.	National conference on “ Biodiversity and Bioresource Management” (Attended)	Department of Zoology, Shivaji University, Kolhapur	National	15 th and 16 th January, 2016
3.	National conference on “Recent Trends in Chemical Science and it’s Interdisciplinary Applications”	Department of Chemistry, Shri. Yashwantrao Patil Science College, Solankur	National	6 th January, 2018
4.	One day National conference on “Recent advances in Zoology (NCRAIZ) (Attended)	Rajeramrao Mahavidyalay, Jath	National	13 th January, 2018
5.	One day National conference on “Recent Trends in Conservation and Management of Ecosystems”	D. B. J. College, Chiplun	National	15 th January, 2018
6.	One day Symposium on “Medical biotechnology and stem cell technology: a new avenue to success” (Attended)	Dr. D.Y.Patil Medical college, Kolhapur	National	9 th February, 2018

7.	One Day National Conference on “Recent Trends in Life Sciences” (RTLS-19) 1st Rank in Poster Presentation on “Wound Healing Acceleration using Curcumin and Carbon Nanodot Incorporated Nanofibrous PVA Scaffold in Mice Model (<i>Mus musculus</i>)”	Department of Zoology, Vidnyan Mahavidyalaya, Sangola, Dist: Solapur	National	14 th December, 2019
8.	Third prize for oral presentation in National Conference on ‘Emerging Trends in Zoology and Biotechnology’ on ‘Histological and immunohistochemical study of Islets of Langerhans in streptozotocin induced diabetic’ mice treated with <i>Ocimum sanctum</i> Linn. Seed extract”	Sadguru Gadage Maharaj College, Karad	National	7 th March, 2020
9.	Third prize for oral presentation in ‘1 st International Web Conference on Advances in Materials Science and Applied Biology’ on Modulatory Effect of Curcumin Nanoparticles on Islets of Langerhans of Alloxan Induced Diabetic Mice	Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)	International	27 th and 28 th January, 2022

20. Workshops/Seminars:

Sr. No.	Title of Workshop/Seminar	Organizer	National/ International State/College	Year
1.	National Workshop on “Popularization of Remote Sensing Based Maps and Geospatial Information” (Attended)	ISRS and ISRO	National	11 th August, 2017
2.	One Day Workshop on “Bio-Instrumentation” (Resource Person)	Department of Zoology, Vivekanand College, Kolhapur	College	22 nd August, 2017
3.	State level Workshop- “ICT Enabled Automation for Higher Education Institutions” (Attended)	Vivekanand College, Kolhapur & MasterSoft ERP Solution Pvt. Ltd., Nagpur	State	8 th February, 2018

4.	One day workshop on “Apiculture:Business Opportunities” (Resource Person)	Department of Zoology, Vivekanand College (Autonomous), Kolhapur	College	28 th August, 2018
5.	One day workshop on “Understanding the Three-Forth of the Earth (Ocean)” (Attended)	Department of Geography, Vivekanand College (Autonomous),, Kolhapur in collaboration with NIO, Goa and Bhartiya Jalsanskriti Mandal, Kolhapur	National	13 th October, 2018
6.	One day workshop on “Advances in Biotechnology”	Vivekanand College (Autonomous),, Kolhapur in collaboration with BioEra Life Sciences Pvt. Ltd., Pune	College	9 th February, 2019
7.	One day workshop on “Intellectual Property Rights and Drafting Patents”	IQAC, Vivekanand College (Autonomous),, Kolhapur	College	19 th February, 2019
8.	National workshop on “Scientific and Technical Terminology in EVS, Zoology and Biology”	Commission for Scientific and Technical Terminology, MHRD, Dept. of Higher Education and P.D. V. P. Mahavidyalaya, Tasgaon	National	7 th and 8 th March, 2019
9.	One day Seminar on “Development of Quality Culture in HEIs”	IQAC, Vivekanand College (Autonomous),, Kolhapur	College	15 th March, 2019
10.	One day workshop on “e-Content Development for Enhancing Pedagogical Skills”	IQAC and Department of Computer Science, Vivekanand College (Autonomous),, Kolhapur	College	18 th and 19 th March, 2019
11.	Hands on Workshop on “Human/Cancer Cell Culture Techniques and MTT Assay”	International Centre for Stem Cells, Cancer and Biotechnology, (ICSCCB) Pune	International	13 th to 19 th January, 2020
12.	Participated in “National Science Day-2020” in Mock Parliament and Quiz Competition	Department of Zoology Shivaji University,	University	24 th to 28 th

		Kolhapur and RGSTC, Govt. of Maharashtra		February, 2020
13.	One day Seminar on “Recent Advancements in Various Disciplines of Science”	Department of Zoology Shivaji University, Kolhapur and RGSTC, Govt. of Maharashtra	University	24 th to 28 th February, 2020
14.	Workshop on “ Research as Career: Opportunities Abroad and Associated Preparations”	IAC and Department of Chemistry, Shivaji University, Kolhapur	University	13 th February, 2021
15.	Volunteered in “Science Week”	SAIF, DST Center, Shivaji University, Kolhapur	University	22 th to 28 th February, 2022
16.	Workshop on “ Molecular Techniques in Biological Research”	Department of Zoology Shivaji University, Kolhapur sponsored by UGC-STRIDE, New Delhi	State	23 rd to 26 th March, 2022
17.	Workshop on “ Molecular Biology for Young Scientists”	Indian Institute of Science Education and Research, Pune	National	21 st August, 2022
18.	Short Term Course on “ Biostatistics: A User’s Perspective”	Indian Institute of Science Education and Research, Pune	National	10 th to 18 th December, 2022
19.	IP Awareness/ Training Program under National Intellectual Property Awareness Mission	Office of the Controller General of Patents, Designs and Trade Marks, Government of India	National	18 th January, 2023
20.	One day workshop on ‘Techniques in Molecular Biology’ (Resource Person)	Department of Zoology, Sadguru Gadage Maharaj College, Karad	College	4 th February, 2023

Declaration:

I hereby declare that all the above mentioned information is true to the best of my knowledge and belief.

Place: Kolhapur

Date: 30/09/2023

Miss. Namrata Ajit Jadhav