



CURRICULUM VITAE

PERSONAL

Name : MANISHA SAMSON MATEGAONKAR

Date of Birth : 26 December, 1985

Address : D- 502, Parijat Housing Society, Near Kirloskar Oil engines, Opp. HP gas agency, Bopodi, Pune-3

EDUCATIONAL QUALIFICATION

| <u>Degree</u> | <u>University/ Board</u> | <u>Percentage/Grade</u> |
|--|--------------------------------------|---|
| <u>PGDHR</u> (Post graduate Diploma in Human Rights) | Institute of Human Rights, New Delhi | |
| <u>NET – LS</u> (Lectureship) | Joint CSIR-UGC test for LS | |
| M. Sc (Zoology) | University of Pune | O- Grade 5. 58/6- Grade point average |
| B.Sc. (Zoology) | University of Pune | Principal total 1089/1200 =90.75% Grand total 1701/1900 = 89.52% |
| H.S.C | Maharashtra | 76.17% |
| S.S.C. | Maharashtra | 82.66% |

Teaching experience: Undergraduate: 14 years , Post Graduate : 4years

WORK EXPERIENCE

Working in the Department of Zoology (Postgraduate) of Modern College, Ganeshkhind since July 2018.

Subjects taught: Biochemistry, Molecular Biology, Developmental Biology, Bioinformatics, Endocrinology, Ichthyology, Immunology, Animal systematics, Apiculture, Mammalian reproductive physiology

Thrust areas of research: Entomology, Molecular Biology, Toxicology

Tools and techniques well versed in : Gel electrophoresis (Native and alkaline), 2D electrophoresis, spectrophotometry, centrifugation, PCR- amplification etc.

Contributions in the Department:

1. Working as Document officer for DVV
2. Departmental Co-ordinator, DBT
3. Working as committee member, Criterion VII
4. Working as committee member, M.Sc admission.
5. Working as committee member, M.Sc entrance examination
6. Mentor for M.Sc- I students
7. Departmental coordinator, Dead stock committee
8. Organised online activity Zoologica for students
9. Organised lecture series on National Bird week
10. Departmental Coordinator, DBT-Science ADDA

Examination duties assigned:

- 1) Junior supervision for college and University exams.
- 2) Junior supervision for M.Sc. Mid Semester exam.
- 3) Paper setting for M.Sc. Mid Semester exam.
- 4) Paper setting and checking for M.Sc internal examinations
- 5) Evaluation of M.Sc. theory papers at University CAP

Student related activities:

- 1) Study visit of M.Sc. to Zoological Survey of India, Pashan lake.
- 2) Study visit of SYBSc Environmental Awareness course to Empress Garden.
- 3) Guided two PG students for Poster presentation at Wadia college cultural fest.

Organising seminars/ workshops/ college activities:

- 1) Student projects at Anubhuti .
- 2) Organising lecture series for M.Sc students.

Book published: Atharvashree Science dictionary for F.Y.J.C. as per new syllabus of HSC board

M.Sc project students guided (Last 3 yrs)

1. Sonal Thokal: Efficacy of botanicals against housefly (2019)

2. Pranali Gaikwad: Larvicidal activity of plant products against *Tribolium castaneum* (2019)
- Sumitra Pawar- ‘‘Larvicidal activity of aqueous plant extracts and essential oilson *Musca domestica*,

L. (2020)

3. Mrunali Kamble: Larvicidal activity of turmeric essential oil against *Musca domestica*, L. (2020)
4. Akash Kale: Bioefficacy of botanicals against stored grain pests. (2020)
5. Priya Sharma: Odonate Diversity in Air Force Station, Lohegaon area, District Pune, (MS),India
6. Mithila M Chinchalkar: Effects of Pesticides on *Apis cerana indica*.
7. Kamlesh Ramesh Kakade: Diversity of entomofauna of DIAT campus Pune-25
8. Bhawana Singh: Study of antibacterial property of Sundarban Honey
9. Ghode Pooja: Diversity of order Lepidoptera from Taleran area, Junnar Tehsil, District Pune, (MS), India’’

Courses attended:

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|---|-------------------------|-----------------------------------|---|---|
| 1 | Ms. Manisha Mategaonkar | 8 days | FDP | Basic research methods and data analysis, Delhi Institute of Advanced studies, Delhi |
| 2 | Ms. Manisha Mategaonkar | 5 days | FDP | ‘‘How to Publish Research Paper in Scopus Indexed Journal: A Step By Step Approach’’, Dr. V.N. Bedekar Institute, Mumbai |
| 3 | Ms. Manisha Mategaonkar | 3 days | Online training program | Educational video creation: e-content development, Hingoli |
| 4 | Ms. Manisha Mategaonkar | 1 day | Online awareness campaign | on Covid- 19 and me, GSBACS, Mumbai |
| 5 | Ms. Manisha Mategaonkar | 22.09.2021 | Webinar | DELNET: Resources and Services |
| 6 | Ms. Manisha Mategaonkar | 13 - 19 September , 2021 | Online one week Faculty Development Programme | ‘‘Advanced Pedagogical Techniques’’ |
| 7 | Ms. Manisha Mategaonkar | 12th October | One day National Webinar | Recent trends in Zoology, planarian diversity and regeneration |
| 8 | Ms. Manisha Mategaonkar | 6th October | One day National Seminar | Alternative energy resources for future |
| 9 | Ms. Manisha Mategaonkar | 27th January - 3rd February, 2022 | National level Faculty Development Program | ‘Developing Statistical Skills for Enhancing Research’ under Rashtriya Uchchar Shiksha Abhiyan (RUSA), jointly organized by Centre for Skill Development (CSD) and Teaching Learning Resource Centre (TLRC) |

**Research papers publications in Seminars, Conferences and Workshops in
conference proceedings**

| Sr. No. | Name | Title of the Paper | Name of the journal | International /National and Local level | ISBN/ISS N.No. |
|----------------|--|---|--|--|--------------------------|
| 1 | Manisha Mategaonkar | Study of Molecular Taxonomy of Beetles of Family Hydrophilidae of Pune Region (MS), India | Conference proceedings, RESEARCH INTERVANTIONS AND TECHNOLOGICAL ADVANCEMENTS IN PLANT SCIENCES, 26 th - 28 th March, 2021 | International | ISBN:- 978-81-951982-3-8 |
| 2 | Manisha Mategaonkar, Bhawana Singh | Study of Antibacterial Property of Sundarban Honey | Conference proceedings, RESEARCH INTERVANTIONS AND TECHNOLOGICAL ADVANCEMENTS IN PLANT SCIENCES, 26 th - 28 th March, 2021 | International | ISBN:- 978-81-951982-3-8 |
| 3 | Manisha Mategaonkar, Apurva S. Bhosale | Butterfly Diversity of Paparnanagar, District Solapur, (MS) , India With Special Reference to Host Plants | Conference proceedings, RESEARCH INTERVANTIONS AND TECHNOLOGICAL ADVANCEMENTS IN PLANT SCIENCES, 26 th - 28 th March, 2021 | International | ISBN:- 978-81-951982-3-8 |
| 4 | Manisha Mategaonkar, Pooja L. Ghode | Diversity of Order Lepidoptera from Taleran Area, Junnar Tehsil, District Pune, (MS), India | Conference proceedings, RESEARCH INTERVANTIONS AND TECHNOLOGICAL ADVANCEMENTS IN PLANT SCIENCES, 26 th - 28 th March, 2021 | International | ISBN:- 978-81-951982-3-8 |

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| 5 | Manisha Mategaonkar , Priya Sharma | Odonate Diversity in Air Force Station, Lohegaon Area, District Pune, (MS), India | Conference proceedings, RESEARCH INTERVANTIONS AND TECHNOLOGICAL ADVANCEMENTS IN PLANT SCIENCES, 26 th - 28 th March, 2021 | International | ISBN:- 978-81-951982-3-8 |
| 6 | Manisha Mategaonkar | Corona virus and its chemistry | e-Conference on strategies and challenges in higher education during COVID-19 lockdown period in India with reference to the world, December, 2020 | International | |
| 7 | R. M. More, Dr. Shaker Inamdar, | Nutrient composition of Xenentodon cancila | RAFA, 2021 | International | |
| | Dr. Ravindra Kshirsagar, Manisha Mategaonkar | (Hamilton, 1822) from Bhima River of Maharashtra, India | | | |

HOBBIES

Singing , Reading , Listening to music , Travelling.

DECLARATION

I hereby solemnly affirm that the information stated above is true to best of my knowledge and understanding.

Place: Pune

MANISHA SAMSON MATEGAONKAR.