

Name: Miss. Dipali Sanjay kapure

Msc. (Microbiology, GATE)

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Educational qualifications:

QUALIFICATION	UNIVERSITY	YEAR	MARKS (%)/ SCORE
MH-SET	SPPU, Pune	2025	160
GATE	IIT Roorkee	2025	230
PET	SPPU, Pune	2024	Qualified
M. Sc. Microbiology	SPPU, Pune	2024	79.20
B.Sc. Microbiology	SPPU, Pune	2022	80.40
H.S.C	Maharashtra State Board	2019	57.85
S.S.C	Maharashtra State Board	2017	88.66

DISSERTATION AT M.SC.

Title: Impact of copper nanoparticles on growth parameters of *Cicer arietinum* L. and biofilm inhibition against pathogens.

Guide: Dr. Vidya R. Kothari.

Origination: Shardabai Pawar Mahila Arts, Commerce and Science College, Sharananagar Baramati, Pune (413115)

PATENT PUBLICATION

1. Application No. - 202421102953 A

Title: Green synthesis of magnesium oxide nanoparticles from plant extract for sustainable farming.

2. Design No. - 475523-001

Title: Improved nichrome wire loop device.

EXPERIENCE

- One year teaching experience at M.Sc. level students of microbiology at the shardabai pawar art's Commerce and Science College, Baramati, Pune, India (2024-25).
- Work as visiting faculty for College of Pharmacy Sharadanagar, Baramati, Pune, India (2024-25). Subject: Advance Molecular Techniques.

AWARDS:

1. 1st Prize in Best poster presentation at National Seminar On “Abiotic Stress Management for Sustainable Millet based Production Systems” at ICMR-NIASM Baramati 22-23 August 2023.
2. First topper in B.Sc. & M.Sc. Microbiology.
3. First prize in Quiz competition on topic Biosensors and microfluidics for environmental monitoring at MIT-ADT University, Pune.
4. 2nd prize in Agar Art Competition at New art's Science and Commerce college, Ahmednagar (2022)
5. First prize in Quiz Competition at New art's, commerce and science college Ahmednagar.

COMPUTER KNOWLEDGE:

1. Maharashtra State certificate in Informational Technology (MS-CIT).
2. Government Certificate in Computer Typing Basic Course (GCC-TBC) – English 30 wpm, English 40 wpm & Marathi 30 wpm
3. MS-Word, MS-Excel, MS-Power point with internet awareness.

ABSTRACT PUBLICATIONS:

1. Biosynthesis of Mg Nanoparticles using *Boerhavia diffusa* L. Leaf Extract and their Growth Stimulant Activity in Finger Millet. In the National Seminar On “Abiotic Stress Management for Sustainable Millet based Production Systems” 22-23 August 2023.
2. Plant Extract mediated Synthesis of Novel Mg Nanoparticles: Evaluation their Boosting effect on Seed Germination and Seedling Growth in Jowar. In the National Seminar On “Abiotic Stress Management for Sustainable Millet based Production Systems” 22-23 August 2023.
3. Green synthesized copper nanoparticle: a novel approach for potent antifungal activity. In two days, National conference on “Need for Sustainable Development in Food, Agriculture and Allied Sciences, 12-13 December 2023.
4. Eco friendly synthesis of copper nanoparticles: unveiling potent antifungal efficacy in a novel approach. In National conference on “Research in the Life Sciences with special Emphasis on Medicinal plants and workshop on ‘Ashwagandha and other Immunity Boosting Plants’ 2-3 February 2024.
5. Biological Driven Synthesis Copper Oxide Nanoparticles for Sustainable Antifungal Strategies in Plant Pathogen Control. In national conference on “Research in the Life Sciences with special Emphasis on Medicinal plants and workshop on ‘Ashwagandha and other Immunity Boosting Plants’ 2-3 February 2024.
6. Microbial mediated Green Synthesis of Copper Nanoparticles for Effective Plant Pathogen control: A sustainable approach in Agriculture. In National conference on Microbial Bioprospecting for Environmental Conservation and Restoration, 5-6 February 2024.

EXTRA-CURRICULAR ACTIVITIES

CONFERENCE /SEMINAR / WORKSHOP ATTENDED

1. A one day international conference on “**current scientific and educational research**” Organized by J.A.T. Arts Science and commerce college (For Women), Malegaon, Nashik, Maharashtra, India.
2. One day State level hands on workshop on “**Design of Experiments Using R Software**” jointly organized by Department of Economics & Statistics, ADT's College Of Agriculture & Shardabai Pawar Mahila Arts, Commerce and Science College, Sharda Nagar, Baramati, Pune, Maharashtra, India.
3. National Seminar On “**Abiotic Stress Management for Sustainable Millet based Production Systems**” organized by “Society for Agricultural Research on Abiotic Stress” in collaboration with ICAR-NIASM Baramati, Pune, Maharashtra, India.
4. National conference on “**Need for Sustainable Development in Food, Agriculture and Allied Sciences**”, Organized by department of Home Science, ADT's Shardabai Pawar Mahila Arts, Commerce and Science College, Sharda Nagar, Baramati, Pune, Maharashtra, India.
5. National conference on “**Research in the Life Sciences with special Emphasis on Medicinal plants and workshop on 'Ashwagandha and other Immunity Boosting Plants'**” Organized by Department of Botany, ADT's Shardabai Pawar Mahila Arts, Commerce and Science College, Sharda Nagar, Baramati, Pune, Maharashtra, India.
6. National conference on **Microbial Bioprospecting for Environmental Conservation and Restoration**, Organized by Department of Microbiology, ADT's Sharadabai Pawar Mahila Arts, Commerce and Science College, Sharda Nagar, Baramati, Pune, Maharashtra, India.
7. Two days State-level workshop on **Environmental Bioengineering and industrial biotechnology**. Organized by MIT – ADT Pune, Maharashtra, India.
8. State level Seminar on “**Viral Vison-2023**” Organized by Department of Microbiology of sharadabai pawar Mahila Arts, Commerce and Science College, Sharda Nagar, Baramati, Pune, Maharashtra, India.
9. Workshop on **Molecular Identification of Bacteria**, Organized by Department of Microbiology of sharadabai pawar Mahila Arts, Commerce and Science College, Sharda Nagar, Baramati, Pune, Maharashtra, India.
10. Seminar on “**Research in Plant Sciences**” Organized by Department of Botany of sharadabai pawar Mahila Arts, Commerce and Science College, Sharda Nagar, Baramati, Pune, Maharashtra, India.
11. National conference on **Recent trends in functional materials and their applications**. Organized by Department of physics of sharadabai pawar Mahila Arts, Commerce and Science College, Sharda Nagar, Baramati, Pune, Maharashtra, India.
12. Workshop on ‘**Mushroom and Spirulina production**’ organized by New Art's Commerce and Science college, Ahmednagar, Maharashtra, India