

Yadav Sarita Kumari Ramsaran

Address:

Plot No: 156 ,Madhuban Chachaipar Mau, Uttar Pradesh-275307.

Email Id: Saritakumariy112@gmail.com

Mobile No: 9359703864/9552147165



Career Objective:

To become successful professional in the field of Microbiology and to work in an innovative and competitive world which will help me to explore myself. Willing to work as key player in challenging and creative environment.

Academic background:

Sr .No	Qualification	Board /University	Institute	Percentage
1.	M.sc	VIT University	Vellore Institute of technology Tamilnadu	7.93
2.	B.sc	Gondwana university	Janata Mahavidyalaya Chandrapur Maharashtra	63
3.	12 th	Maharashtra Board	Vidyaniketan Higher secondary school Chandrapur Maharashtra	53
4.	10 th	CBSE	Mount Carmel Convent school chandrapur	7.6

Projects:

- Isolation , screening Optimization and characterization of biodegradable plastics produced from marine yeast and optimizing production medium using Response surface Methodology.
- Degradation azo dye and electricity generation using yeast mediated microbial cell.
- Isolation characterization of exopolysaccharides from yeast isolates.

Achievements:

- **Received second prize** in seminar competition on “**THROMBOCYTES HELPS IN BLOOD CLOTTING**”.
- **Received third prize** in seminar competition on “**REDUCING PHYTIC ACID IN SOYABEAN**”.
- Participated in “**AVISHKAR 2015**” Research festival held at Janata Mahavidyalaya Chandrapur on 22nd and 23rd Dec 2015.
- Participated in recognition for actively completing the hands on session for **the q-PCR** workshop.
- Participated in **Scanning electron microscopy** workshop held during March 2018.
- Participated in 13th and 14th International Conference on “**Science, Engineering and Technology (SET)**” held at VIT university. Participated in **BIOSUMMIT 2016** by School of Bio sciences and Technology held at VIT University.
- Participated in “International Conference on **Advances in Algal Biotechnology**” conducted in the academic year 2016 by School of Biosciences and Technology, VIT university, Vellore.
- **Received** 91% in MS-CIT (Maharashtra state certificate in information technology).

Publications:

- **DEGRADATION OF AZO DYE AND ELECTRICITY GENERATION USING YEAST MEDIATED MICROBIAL FUEL CELL.**
Sarita Ramsaran Yadav¹, Mangala Lakshmi Ragavan², Sanjeeb Kumar Mandal³ and Nilanjana Das^{4*} Address (es): ^{1,2}Bioremediation Laboratory, School of Bio Sciences and Technology, Vellore Institute of Technology, Vellore-632014, India.
<https://doi.org/10.36547/ft.2018.1.1.1-4>
- **Isolation and Characterization of Exopolysaccharides From Yeast Isolates.**
Priyanka Prakash Kharat, Sarita Ramsaran Yadav, Mangala Lakshmi Ragavan, Nilanjana Das* Bioremediation Laboratory, School of Bio Sciences and Technology, VIT University, Vellore-632014, Tamil Nadu, India.

Professional strength:

- Basic knowledge about microbiology techniques.
- Microbiological techniques like maintaining the pure culture, Staining techniques Enumeration, Inoculum preparation, serial dilution, isolation, pipetting, media preparation, Plating techniques (Pour plate, streaking, spreading) Screening techniques, sterilization, harvesting, lysate preparation, Antibiotic sensitivity test, induction, sonication. Physical and chemical methods of control micro-organisms. Chemical assay of penicillin.
- Protein estimation (Lowry's method), Carbohydrate estimation (Dubois method & Bradford method), Biochemical test, MBRT, VDRL, WIDAL.
- Gel electrophoresis, DNA & RNA isolation, Restriction Digestion, Cloning, PCR, ELISA, SDS –PAGE, chromatographic techniques (TLC), UV spectroscopy, titration, column and paper chromatography, plasmid isolation, DNA isolation, competent cell preparation, silver staining, COD, BOD.
- Good lab skill
- Dedication in work
- Co-operation with group members
- Good communication skills
- Familiar with instruments such as Laminar Air Flow, Autoclave, Centrifuge.

Computer skill:

- Knowledge of Microsoft Word, PowerPoint presentation, Internet applications and Microsoft Excel.

AREAS OF INTEREST/EXPERIENCED

- Environmental microbiology.
- Medical microbiology.
- Food microbiology.
- Industrial microbiology.
- Molecular biology.
- Pharmaceuticals

Personal details:

- **Date of birth :**12/12/1995.
- **Gender:**Female
- **Nationality:** Indian
- **Religion:** Hindu
- **Marital status:** Unmarried
- **Languages known:** English and Hindi.
- **Hobbies:** Painting,listening songs,Reading books.

DECLARATION: I here by declare that all the above information are true to the best of my knowledge.

PLACE: MAU, [U.P]