

Curriculum Vitae

Raj Umakant Zadke

PERSONAL DETAILS

Full name: Raj Umakant Zadke.

Date of Birth: 08/02/2000

Gender: Male

Citizenship: Indian

Marital Status: Unmarried

Languages: English, Marathi, Hindi

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Raj Zadke,

Zadke Hospital, Shivaji Nagar, Murud.

Taluka, District, Latur.

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EDUCATIONAL QUALIFICATIONS:

- ❖ **MH-SET (2025):** LIFE SCIENCES qualified.
- ❖ **CSIR-NET (2025):** Qualified For Admission To PhD Only.
- ❖ **MSc Botany (2026):** final semester exam appeared.
- ❖ **MSc Microbiology (2023):** Dr.D.Y.Patil,ACS College, Pimpri, Pune. Affiliated to Savitribai Phule Pune University. 66.60%. **PROJECT THESIS:** Potential of Halophiles in alleviation of soil salinity and plant growth. **PROJECT GRADE:** A.
- ❖ **BSc (2021) (general):** **Microbiology, Chemistry, Botany.** Dayanand Science College, Latur. University (SRTMUN) Nanded. 79.60%.
- ❖ **HSC BOARD (2018):** 12TH SCIENCE MAHARASHTRA, 65.85%
- ❖ **SSC BOARD (2016):** 10TH MAHARASHTRA, 91.80%.

PATENT FILED: WILDLIFE MONITORING SENSOR DEVICE.

APPLICATION NUMBER: 498593-001

PUBLICATIONS:

- ❖ **Eco-friendly technology for production of Bio CNG**
https://www.researchgate.net/publication/366894649_Eco-friendly_technology_for_production_of_Bio_CNG
- ❖ Shelke, Nivedita, Varsha Dubal, Abhishekh Kakade, Raj Zadke, and Pragati Patil. 2026. **“Evaluation of Plant Growth-Promoting and Salinity-Alleviating Potential of Halophilic Bacteria Isolated from Marine Water”**. Biotechnology Journal International 30 (1):326-36.



<https://doi.org/10.9734/bji/2026/v30i1847>.

❖ **Probiotic Lactic Acid Bacteria Isolated from Fermented Dairy Products for Use in Functional Yogurts**

(ISSN : 2348-7976)

Vision Research Journal For Pure Sciences

July 2023 To Dec. 2023 Issue :XXII, Vol. - II

❖ **Role of Microbiome in Human Health and Disease**

ISSN -2347-6834 Issue : XXIV, Vol. VI May 2025 To Oct. 2025

Issue : XXIV, Vol. VI May 2025 To Oct. 2025 INDO GLOBAL RESEARCHERS

❖ **Antimicrobial Resistance (AMR) in Clinical and Environmental**

Bacteria

[ISSN 0976-0377 7.20 14] Issue:XXXII, Vol.V, July 2025 To Dec. 2025

RNI. MAHMUL02805/2010/3346

INTERLINK RESEARCH ANALYSIS

❖ **Microbial Mix or Match: Optimizing Bioinoculant Design.** Raj Umakant Zadke, Ravishankar B. S. and Vinod A. Shinde. THE AGRICULTURE E-MAGAZINE.(E-ISSN:2583-1755)VOLUME-5,ISSUE-8,MARCH 2026

❖ **Beneficial Microbes for Agricultural and Dairy Industries**

Raj Umakant Zadke, Kamble Prasad Pandhari and Tank Varsha Shyam

THE AGRICULTURE E-MAGAZINE (E-ISSN:2583-1755)VOLUME-5,ISSUE-8,MARCH 2026

CURRENT PROJECTS:

- ❖ Micro-organisms In Plant, Growth and Development with Focus on Latur District, Maharashtra.
- ❖ Microbial Interactions With The Plant In Rhizosphere.

BOOK CHAPTERS:

- ❖ **Role of Environmental Microbiology in Disaster Management and Public Health Protection**
ISBN : 978-81-973487-9-2
- ❖ **Role of Microbiology in Strengthening India's Healthcare System: Challenges, Innovations and Future Prospects**
ISBN : 978-81-980457-9-9
- ❖ **Traditional Indian Medicinal Knowledge and Modern Microbiology: An Integrative Scientific Perspective**
ISBN : 978-81-992542-8-2
- ❖ **Applied Plant Pathology in Agriculture**
ISBN-978-93-7837-104-2
- ❖ **Plant Pathogens and Plant Diseases**
ISBN:978-93-7837-710-5