

MISS. SRUSHTI JITENDRAKUMAR JADHAV

Assistant Professor, Dept. of Biotechnology

Rayat Shikshan Sanstha's
Sadaguru Gadge Maharaj College,
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➤ Current Position

- **Assistant Professor** - Department of Biotechnology, Rayat Shikshan Sanstha's, Sadguru Gadge Maharaj College, Karad, from 10th August 2021.

➤ Educational Qualifications

- **PhD (Pursuing)**
KVV - Krishna Vishwa Vidyapeeth (Deemed to be University), Karad.
Research Area- Cell Biology
- **Master of Science in Biotechnology**
Rajiv Gandhi Institute of IT & Biotechnology, Pune,
2021 (First Class with Distinction)
- **Bachelor of Science in Biotechnology**
Sadguru Gadge Maharaj College, Karad,
2019 (First Class with Distinction)

➤ Teaching Experience

Designation.	Institution	Duration
Assistant Professor (Contract Basis)	Dept. of Biotechnology, Rayat Shikshan Sanstha's, Sadguru Gadge Maharaj College, Karad	10 th August 2021 to till date

➤ Work Experience

- One year of experience teaching biology (FYJC-SYJC) at Shree Academy of Science, Karad.
- Three years of experience teaching cell biology, industrial biotechnology, instrumentation, food and microbial biotechnology at the Department of Biotechnology (UG), SGMCK.
- One year of experience teaching (M.Sc. Biotechnology) Advances in Cell Biology at the Department of Biotechnology (PG), SGMCK.
- **Total 04 years' experience in teaching UG & 01 year in PG.**

➤ Examination work

- BOS member of B. Sc. Biotechnology (Entire) at S. G. M. College, Karad (An Autonomous).
- BOS member of M. Sc. Biotechnology (Entire) at S. G. M. College, Karad (An Autonomous).
- Sub-Committee member of B. Sc. Biotechnology (Entire) at S. G. M. College, Karad (An Autonomous).
- Sub-Committee member of B. Sc. Biotechnology (Entire) at S. G. M. College, Karad (An Autonomous).
- Worked as an external practical examiner for B. Sc. Practical examination.
- Worked as a paper setter for B. Sc. I, II, III Biotechnology (Entire).
- Worked as an examiner for B.Sc. Biotechnology (Entire) theory & practical.
- Worked as a Project guide for B.Sc. Biotechnology III year students.

➤ Instrumentation

LAF, Centrifuge, Autoclave, Hot Air Oven, Colorimeter, Chromatography, Sonicator, pH Meter, Bioreactor, Gel Electrophoresis Unit, ELISA, SDS- PAGE, 2D- Page, UV-Vis IR Spectroscopy, Inverted Microscope, HPLC, etc.

➤ Techniques

Gel Electrophoresis, TLC, Blotting, PCR, DNA/RNA Isolation, Elisa, Microbiology Techniques, Tissue Culture Techniques ATC/PTC etc.

➤ Workshops

- Participated in one day workshop, "Entrepreneurship Development", organized by SGM, College, Karad 2018.
- Workshop on "Entrepreneurship Development-Gearing to be an Entrepreneur" organized by Vishwakarma Dadasaheb Chavan Institute, Malwadi, Masur, Tal Karad. (2018)
- Participated in Two days' workshop, "Plant tissue culture & Micropropagation" organized by RGITBT, Pune 2019.
- Participated in the Faculty Development Program organized by RUSA, SGMCK, at Shivam Prathisthan, Gharewadi, 2022.

➤ Other certificate courses completed

- Participated in certificate course "Career oriented course in Bioinformatics, organized by the Department of Biotechnology, SGM College, Karad, in the academic year 2018-19.
- Participated in the one-day seminar on Micropropagation of Banana culture, organized by the Department of Plant Biotechnology, RGITBT, Pune.