



## **FACULTY PROFILE**



**NAME** : Prof. Rajeshri Ghorpade  
**QUALIFICATION** : M.Sc. SET Ph.D.  
**Email ID** : [rpgorpade@kbpcollgevashi.edu.in](mailto:rpgorpade@kbpcollgevashi.edu.in)  
**DEPARTMENT** : Microbiology  
**DESIGNATION** : Professor & Vice principal  
**YEARS OF EXPERIENCE** : 33Years  
**SPECIALIZATION** : Environmental & Industrial Microbiology,  
Microbial Biochemistry, Agricultural  
Microbiology.

### **PUBLICATIONS:**

#### **Research Publications in Journals-**

- “Solid waste management by effective microorganism technology”. Journal Bionano Frontier,2013;8(1):24-27. ISSN:0974-0678 (P), ISSN:2320-9593(O)
- “Study on bacterial decolorization of textile grade reactive black dye by stem and root nodule Rhizobium mayense of Aeschynomene indica Plant”. Journal Bionano Frontier. July-Dece 2015 Vol 8(2), 129-133, ISSN- 0974-0678/2320-9593.IF-4.856



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- “Study on bacterial decolorisation of textile grade coravat red dye by Rhizobium mayense”. International Journal of research studies in biosciences (IJRSB). May 2015; 3(5):113-120. ISSN- 2349-0357/2349-0365.IF-3.1
- “Characterization of EPS produced from stem and root nodule Rhizobium mayense”. International Journal of current research (IJCR). June 2015;7(6):17252-17259.ISSN-0975-833X.IF-5.384
- “Microbial retting of banana pseudostem for extracting Textile grade fibers & its applications”, Man-made Textiles in India, May 2013.pp: 149-153.
- “Degradation and Decolourization of Textile grade Dyes by Prominent isolates obtained from Textile effluent sample” International Journal of Pharmacy and Biological Sciences (IJPBSTM),2020, 10 (3), 62-68
- “Bioplastic production from Poly-βHydroxy Butyrate (PHB) producing organisms and antimicrobial activity of silver nanoparticles coated PHB”Journal of Microbial World (November’2015) Volume-17 (No.1) 143-154 ISSN: 0972-1487
- Bio-degradation of textile grade Persian Blue dye by streptococcus agalactiae isolated from textile effluent sample 1 2 Dhanesh Savarkar, Rajeshri Ghorpade, Bionano Frontier Vol. 10 (1) January - June 2017 Print ISSN 0974-0678, Online: 2320-9593, www.bionanofrontier.org
- Study on antibacterial activity of Tabernaemontana divaricata leaf extract with respect to phytochemical detection & nano-particle synthesis. Siddhi mangade\* Rajeshri Ghorpade Bionano Frontier Vol. 10 (1) January - June 2017 Print ISSN 0974-0678, Online: 2320-9593, www.bionanofrontier.org
- “Microbial retting of Banana Pseudostem To Extract Textile grade Fibres And Their Physico-chemical Properties” Rajeshri Ghorpade\* & Dr. R.H.Balasubramanya, International Journal of Biotechnology and Biosciences (IJBB),July- September 2011, 048/2011
- “Degradation and Decolourization of Textile Grade Dyes by Prominent Isolates Obtained from Textile Effluent Sample” Rajeshri Ghorpade and Shreyasha Bhosale\*



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Department of Microbiology, Rayat Shikshan Sanstha's Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai [Maharashtra, India]. International Journal of Pharmacy and Biological Sciences-IJPBSTM (2020) 10 (3): 62-68 Online ISSN: 2230-7605, Print ISSN: 2321-3272

- STUDY OF PROPERTIES OF GREEN TEA & ITS' APPLICATIONS WITH SPECIAL REFERENCE TO FORMULATION OF MOUTHWASH AND SURGICAL DRESSINGS, Vrishali Gaikwad\*, Dr.Rajeshri Ghorpade,Journal of the Maharaja Sayajirao University of Baroda, Volume-55 No.1 2021 Page No.189-201
- Study on: - "Production of Exopolysaccharide on agro based media by stem and root nodulating Rhizobium mayense of Aeschynomene indica plant", Dr. Keshav Shinde\* , Dr.Rajeshri Ghorpade,Journal of the Maharaja Sayajirao University of Baroda, Volume-55 No.1 2021 Page No.212-219

### **CONFERENCES/SEMINARS/WORKSHOP ATTENDED:**

- 70 + 47 [2019-2020]

### **ACTIVITIES ORGANIZED: BY DEPARTMENT:**

- What's next in Career? By Shailaja Girishankkar on 22.05.2020
- Role of DMLT & MLT students in COVID 19 Pandemic on 29.05.2020
- Webinar on "Patent Mining and Filing by Microbiologists" Dr. Gouri Gargate (PhD IIT Bombay) IIT,Kharagpur,West Bengal- 721302 India on 27.06.2020
- National webinar on "Microbes for good health and Opportunities for microbiologists in food and allied industries" by Dr. Arun S. Kharat, Director, Internal Quality Assurance Cell, Jawaharlal Nehru University, New Delhi. Ms. Sonia Nandre,TUV India Pvt. Ltd, (A Member of NORD Group, Germany) on 27.06.2020
- Webinar on Carrier opportunities in Health care industry through Paramedic Skill development by Sameer Joshi, iTransform India Group on 04.07.2020



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- Student's Training Program on "Emotional Well-being during challenging times" by Pallavi Indulkar, Freelance Learning and Development Consultant, Mumbai on 17.10.2020.
- Webinar: "The Emergence of The Covid-19, and Where Is It Leading Us" by Hon. Dr. Ajmal Dalwai, Department of Molecular and Biomedical Sciences, South Australia [04.02.2021].
- Webinar: "Academic Institutes-Copyright & Wealth Creation" by Dr. Gauri Gargate, Assistant Professor, RG School of IP Law, Room No.222, Indian Institute of Technology Kharagpur, West Bengal- 721302 India [06.02.2021]
- Workshop: "Research Literacy" by Dr. Manish Bhat, Assistant Professor, School of Biotechnology & Bioinformatics, D.Y. Patil University, Navi Mumbai [08.02.2021-09.02.2021].
- Student's training Program: "Innovation and Design Thinking for Start Ups" by Mr. Krishna Nagargoje, Tata Technologies, Centre for Invention, Innovation and Incubation [CIII], Kharghar [10.02.2021 to 15.02.2021].
- Student's training Program: Advanced Bioinstrumentation by Ms. Shradha Shinde-Dongre, Mr. Pramod Salunkhe, Rachana Shukla, Ravi Singh SASMIRA, Sasmira Marg, Worli, Mumbai [27.01.2021 to 01.02.2021, 01.03.2021 to 05.03.2021]
- National Conference titled "Innovative approaches and emerging issues in Food and Pharmaceutical Microbiology" by Department of Microbiology, Karmaveer Bhaurao Patil College, Vashi from 2nd and 3rd March 2020. Worked as a Co-Convener for the Conference. Conference was organized under ages of RUSA.



## **FACULTY PROFILE**

### **COURSES/TRAINING PROGRAMMES COMPLETED:**

- Nine Online Courses Completed, one short Term Course and Four Faculty Training Programs completed

### **RESEARCH PROJECTS:**

- "Study of extreme acidophiles and alkaliphiles and their application in bioremediation of heavy metals from E-waste" Funded by RUSA of Rs. 2,50,000/- on 01.03.2021

### **AWARDS AND ACHIEVEMENTS:**

- Best Researcher's Award by BIONANOP FRONTIER [16.05.2017]
- Best Teacher Award by I.Q.A.C., Karmaveer Bhaurao Patil College, Vashi [19.09.2017]
- Best Teacher Award "RAJMATA JIJAU AWARD" -in the field of Education by M.N.S., Navi Mumbai [19.02.2020]
- Best Teacher Award by Lions Club of Navi Mumbai Sammanay, Navi Mumbai [08.03.2020]