

## Profile

<b>1. Name:</b>	<b>Dr. Sunil Radhakrishin Jagiasi</b>
<b>2. D.O.B.:</b>	<b>13/03/1976</b>
<b>3. Mobile No.:</b>	<b>9850416645</b>
<b>4. Email id.:</b>	<a href="mailto:s.jagiasi@ssrkt.edu.in">s.jagiasi@ssrkt.edu.in</a> <a href="mailto:sunilrjagiasi@yahoo.com">sunilrjagiasi@yahoo.com</a>
<b>5. Department:</b>	<b>Microbiology</b>
<b>6. Designation:</b>	<b>Associate Professor and Head of Department</b>
<b>7. Date of Appointment:</b>	<b>01/08/2002</b>
<b>8. Date of Superannuation:</b>	<b>31/03/2036</b>
<b>9. Appointment Type:</b>	<b>Permanent</b>
<b>10. Education Qualifications:</b>	<b>M.Sc., Ph.D., PGDHE, DMLT, DTM, D.Nat., SET</b>
<b>11. Work Experience:</b>	<b>UG : 22 Years and PG : 17 Years</b>
<b>12. Courses Taught:</b>	<b>Medical Microbiology and Immunology, Research Methodology, Cell Biology, Mycology, Instrumentation, Environmental Science</b>
<b>13. Courses Developed:</b>	<b>MScII, SemIV, Fungal Technology (R2021)</b> <b>MScI, SemI, NEP2020 Syllabus Research Methodology (R2023)</b> <b>MSc, SemII, NEP2020 Syllabus, DSE- Advances in Industrial Microbiology (R2023)</b>
<b>14. Area of specialization / Research:</b>	<b>Microbiology</b>
<b>15. Achievements:</b>	
<b>A. Awards &amp; Honors:</b>	<b>Awards –</b> <ul style="list-style-type: none"> <li>Best Paper Presentation award at International Conference on Advances in Biotechnology and Applied Microbiology (ICABAM-2022)</li> </ul>

	<p>organized by IIMT University, Meerut, Uttar Pradesh, India on 30<sup>th</sup> – 31<sup>st</sup> March 2022.</p> <ul style="list-style-type: none"> <li>● Best Paper Presentation award at International e-Conference on Frontiers in Microbiology organized by NSSR's Vasantdada Patil Arts, Commerce and Science College, Patoda, Dist.- Beed, Maharashtra, India on 18<sup>th</sup> – 19<sup>th</sup> January 2022.</li> <li>● Best Paper Presentation Award at International Conference on Industrial Biotechnology organized by Department of Biotechnology, Sinhgad College of Engineering, Vadgaon, Pune, Maharashtra, India, on 24<sup>th</sup> -25<sup>th</sup> September 2021.</li> <li>● Best Paper Presentation Award at One Day National Webinar on PARYAVARNAM 2021: Research in Biological and Environmental Sciences : Challenges and Opportunities', organized by the Department of Zoology and Department of Environmental Sciences B. K. Birla College (Autonomous), Kalyan under DBT Star Status on 23<sup>rd</sup> July 2021.</li> <li>● Best Paper Presentation award at International Virtual Seminar on “ Nutrigenomics (IVSN – 2021) sponsored by DBT Star College Scheme, conducted by PG and Research Department of</li> </ul>
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	<p>Microbiology and B. Voc., FSQM, V.H.N. Senthikumara Nadar College (Autonomous), Virudhanagar, Tamilnadu, India on 23<sup>rd</sup> - 24<sup>th</sup> February 2021.</p> <ul style="list-style-type: none"> <li>● Best Paper Presentation Award at 7<sup>th</sup> International Conference on “Innovations in Physical, Chemical and Life Sciences” (IPCLS-2018), organized by post Graduate Department of Physics and IQAC, New Arts, Commerce and Science College, Parner, Dist.- Ahmednagar held on 27<sup>th</sup> - 28<sup>th</sup> December 2018.</li> <li>● Best Paper Presentation Award at International Symposium on Teaching Research and Innovative Approaches in Life Sciences (TRIALS 2018) organized by Sangamner Nagarpalika Arts , D. J. Malpanii Commerce &amp; B. N. Science College, Sangamner, Dist.- Ahmednagar (MS), India on 9<sup>th</sup>-10<sup>th</sup> February 2018.</li> </ul> <p><b>Honors –</b></p> <ul style="list-style-type: none"> <li>● Chairperson of University T.Y.B.Sc. Microbiology Practical Examinations, University of Mumbai</li> <li>● Member, MSc Microbiology Syllabus Revision Committee, University of Mumbai</li> <li>● Paper setter, moderator and examiner of University of Mumbai for T.Y.B.Sc. and</li> </ul>
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	<p>M.Sc. Theory and Practical examinations in Microbiology.</p> <ul style="list-style-type: none"> <li>Invited as University of Mumbai VC Nominee / Subject Expert for CAS Placement of Teachers and appointment of Degree College Microbiology Teachers.</li> </ul>
<b>B. Projects:</b>	Completed Minor Research Project on “Production of Bacterial Pectinase from Agro- Industrial wastes” of University of Mumbai, Mumbai.
<b>C. Membership:</b> (Academic or Professional bodies)	-----

<b>D. Resource person in Seminar/ Conferences / Workshop Guest lectures / Refresher Course Orientation / STC</b>	<b>I. Resource Person</b> <ul style="list-style-type: none"> <li>Invited as a Judge during the Poster/Oral Presentations for the Ist International Conference on Innovative Products from Life Science Sector - ICIPLSS'21, organized by Research &amp; Development Lab in Life Science, Veridian Micro Lab Pvt. Ltd., Chennai in Association with Golden Jubilee Biotech Park for Women Approved by NSDCA held on 3<sup>rd</sup> - 4<sup>th</sup> September, 2021</li> <li>Invited as Resource Person for TYBSc Experimental Approach at Thakur College, Kandivali on 29<sup>th</sup> Feb 2024</li> </ul>
<b>E. Ph.D.:</b>	<b>Completed</b>
<b>F. Ph.D. Guideship:</b>	<b>Yes</b>
<b>G. Industry:</b>	-----
<b>H. Patents / Copyrights( Filed &amp; Granted):</b>	-----
<b>I.Others : (If any).:</b>	-----
<b>16. Publications*:</b>	
<b>A. Research Papers:</b>	<ul style="list-style-type: none"> <li>Gayatri Kishore Shette and <b>Jagiasi S. R.</b>, Isolation and screening of cellulose degrading bacteria and optimization of their cellulose activity, <i>International Journal of Scientific Development and Research (IJS DR)</i>, Vol. 8(6), pp.- 489-498 (2023)</li> <li>Aniket Ramchandra Agrahari and <b>Jagiasi S. R.</b> , Study of amylase producing bacteria isolated from vegetable market</li> </ul>

	<p>dumping ground”, <i>International Journal of Scientific Development and Research (IJSDR)</i>, Vol. 8( 5), pp. -2430-2440 (2023)</p> <ul style="list-style-type: none"> <li>● <b>Jagiasi S.R.</b>, Isolation and screening of indigenous laccase producing free living diazobacteria from dye wastewater, <i>International Journal of Advance and Applied Research (IJAAAR)</i>, Vol.10 (1), Sep-Oct 2022, pp-1067-1071(2022).</li> <li>● <b>Jagiasi S. R.</b> ,Biosorption of Heavy metals by free living Nitrogen fixing bacteria, <i>International Journal of Applied Science and Technology (IJAST)</i>,Vol.9(1), pp.- 48-55(2022).</li> <li>● <b>Jagiasi S. R.</b> ,Biosurfactant production by soil indigenous free living diazobacteria, <i>International Journal of Current Science(IJCSPUB)</i>, Volume 12, Issue 1, pp. 384-392 (2022).</li> <li>● <b>Jagiasi S. R.</b> ,Biodecolorization of Orange G dye by indigenous diazobacteria, <i>An International Multidisciplinary Half Year Research Journal Genius</i>, Volume –X,Issue-II, Part-I , pp 1-10 (2022).</li> <li>● <b>Jagiasi S. R.</b>, Isolation and screening of Reactive green 19 decolorizing diazobacteria, <i>An International Multidisciplinary Quarterly Research Journal Ajanta</i>, Volume-XI, Issue-I , pp 49-55 (2022).</li> <li>● <b>Jagiasi S. R.</b>, Biodegradation and detoxification of Congo red dye by free living diazotrophs, <i>International Research Journal</i></li> </ul>
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	<p><i>of Multidisciplinary Studies</i>, Vol. IV, special issue – I, pp. 126 – 131 (2018).</p> <ul style="list-style-type: none"> <li>● <b>Jagiasi S. R.</b> ,Degradation and detoxification of Methyl red (azo dye) by <i>Klebsiella sp.</i>, <i>Proceedings of Kerala Technological Congress KETCON-2018</i> (pp. 288 - 291) on 23<sup>rd</sup> – 25<sup>th</sup> 2018 at Sahrdaya College of Engineering and Technology and APJ Abdul Kalam Technological University, Thrissur, Kerala, India. (ISBN Number: 978-93-5300-630-3, Published by: Sahrdaya College of Engineering and Technology Thrissur, Kerala (2018).</li> <li>● <b>Jagiasi S. R.</b> ,Degradation and detoxification of dye effluent using free living diazotrophs, <i>Flora and Fauna</i>, Vol. 24, No. 1(special issue), pp. 127-140 (2017).</li> <li>● <b>Jagiasi S. R.</b> and Patel S. N. ,Decolorization of Methyl orange by immobilized <i>Klebsiellasp.</i> DA17,<i>Proceedings of International Conference on Recent Trends in Environment, Technology and Economy</i> (pp. 71-81) on 10<sup>th</sup> – 11<sup>th</sup> Feb'2017 at SIES College, Nerul, Navi Mumbai (MS), India (2017).</li> <li>● <b>Jagiasi S.R.</b> and Patel S.N. , Biodegradation of Methyl Red azo dye by <i>Klebsiellasp.</i> DA26, Peer Reviewed International Research Journal for Advance Research in Applied Sciences, Vol. 3, spl. Issue pp.53-66 (2016).</li> </ul>
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	<ul style="list-style-type: none"> <li>● <b>Jagiasi S. R.</b> and Patel S. N. , Effect of environmental factors on biodegradation of methyl red by <i>Klebsiella</i> sp. DA17, <i>Proceedings of National Conference on Environment Monitoring Assessment and Pollution Control</i> (pp. 299-311) on 10<sup>th</sup>-11<sup>th</sup> Dec'2015, at SIES College, Nerul, Navi Mumbai , Maharashtra (2015).</li> <li>● <b>Jagiasi S.R.</b> and Patel S.N., Microbial decolorization of methyl orange by <i>Klebsiella</i> spp. DA26, <i>International Journal of Research in Biosciences</i> , Vol.4 (3), pp. 27-36 (2015).</li> <li>● <b>Jagiasi S.R.</b> and Patel S.N., Decolorization of azo dyes by free living diazotrophs, <i>Life Science International Research Journal</i>, Vol.1 (1), pp. 90-98 (2014).</li> <li>● <b>Jagiasi S.R.</b> and Patel S.N. , Bioremediation of azo dye by indigenous bacteria from dye polluted soil, <i>Bionano Frontier</i> Vol.7 spl. Issue-12, pp. 11-18 (2014).</li> <li>● <b>Jagiasi S. R.</b>, Production of bacterial pectinase from Agro – Industrial wastes, <i>Proceedings of National Conference on Biodiversity : Status and challenges in conservation FAVEO 2013</i> on 29<sup>th</sup> – 30<sup>th</sup> 2013 at VPM's Bandodkar college of Science, Thane , Maharashtra, India (2013)</li> <li>● <b>Jagiasi S.R.</b> , Living Machines – A novel approach in washing the water, <i>Proceedings of UGC Sponsored state level Interdisciplinary seminar on Water</i></li> </ul>
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	<p><i>Management</i> on 8<sup>th</sup> August 2012 at Seva Sadan's R. K. Talreja College, Ulhasnagar-421003., Dist.-Thane, Maharashtra. India (2012).</p> <ul style="list-style-type: none"> <li>● <b>Jagiasi S.R.</b> and Gavali C.R. ,Biosorption of chromium by metal resistant <i>Azotobacter</i> isolates from agricultural soil irrigated with industrial waste water, <i>Proceedings of National conference on Environmental Technologies: Today and Tomorrow</i> on 18<sup>th</sup> – 19<sup>th</sup> May'2012 at LDCE College, Ahmedabad, Gujarat, India, Books India Publication, Ahmedabad – 380006 (2012).</li> <li>● <b>Jagiasi S.R.</b> and Sayankar V., Study of media optimization for Protease production and its applications,<i>Proceedings of UGC sponsored National conference on Current Trends in Biological Sciences</i> on 29<sup>th</sup> -30<sup>th</sup> 2011 at Seva Sadan's R. K. Talreja College, Ulhasnagar, Dist.-Thane , Maharashtra. India.( ISBN No. – 978 – 93 – 80697 – 57 – 4, Excel India Publishers, New Delhi- 67 (2011).</li> </ul>
<b>B. Articles:</b>	-----
<b>C. Books/ Book chapters:</b>	<ol style="list-style-type: none"> <li>1. <b>Jagiasi S. R.</b> (2022), “ Bioremoval of Heavy metals by immobilized free living diazotrophs”. Chapter in Peer Reviewed Edited Book Modern Trends in Multidisciplinary Subjects, Vol.1, Published in November 2022, ISBN 978-93-95456-62-3, Published by Redshine Publication Pvt. Ltd., Lunawada, India. (<a href="http://www.redshine.co.in">www.redshine.co.in</a>), pp. 201-205.</li> </ol>

	<p>2. <b>Jagiasi S. R.</b> (2019); “Microbial degradation and detoxification of Direct Sky Blue 5B dye”. Chapter in Edited ebook titled Environment: Problems, Impacts, Mitigation Practices and Education, published by LAP LAMBERT Academic, Mauritius.( ISBN : 978-3-659-81218-7), pp. 94- 107.</p> <p>3. <b>Jagiasi S.R.</b> and Dorugade S. (2015); “ To study the antifungal activity and phosphate solubilization ability of rhizosphere <i>Pseudomonas</i>” Current Trends In Life Science, Lambert Academic Publishing GmbH&amp; Co. Germany. (ISSN No. 978-3-659-41262-2).</p>
<b>D. Others</b>	<p><b>Paper Presentations in Conference / Seminar –</b></p> <ul style="list-style-type: none"> <li>● National – 17</li> <li>● International – 22</li> </ul>
<b>17. Passport size photograph</b>	