


## FACULTY PROFILE

<b>Name</b>	: <b>Dr. Sharada P</b>	
<b>Designation</b>	: <b>Associate Professor</b>	
<b>Department</b>	: <b>Biotechnology</b>	
<b>Employee ID</b>	: <b>TBT006</b>	
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<b>Scopus ID</b>	: -	
<b>Vidwan Id</b>	: <b>147853</b>	
<b>Researcher ID (Web of Science)</b>	: -	
<b>Google Scholar ID</b>	: <b>M3e-8REAAA AJ</b>	
<b>Qualification</b>	: <b>M. Sc, Ph. D.</b>	
<b>Professional Experience</b>		
Teaching experience	: <b>20 Years</b>	
Industry experience	: -	
<b>Administrative Responsibilities</b>	: VTU BOE Member BEC Squad committee member Institute Industry Cell member AICTE 360 Feedback Biotechnology department Coordinator M.Tech. Coordinator BOE Coordinator BOS Member EAP Biotechnology department Coordinator Alumni Coordinator BEC Grievance committee member CII Coordinator Department NAAC Coordinator Student's Internship Coordinator Valuation Biotechnology department Coordinator	
<b>Teaching</b>	: UG, PG and PG Diploma and certification course	
<b>No. of Projects Guided</b>		
UG	: <b>15</b>	
PG	: <b>01</b>	
<b>Research</b>		
Interest Area	: <b>Molecular Biotechnology, Plant Biochemistry</b>	
<b>No. of Research Scholars</b>		
Pursuing	: <b>0</b>	
Awarded	: <b>2</b>	
<b>Patents</b>	: <i>Nil</i>	

<b>Research Grants</b>	: 1.Rs.6,000 sanctioned from KSCST for the project entitled “Biobutanol production from lignocellulosic material”, 2012-13 2.Rs.162 lakhs grants to start Biotechnology Skill Enhancement Programme (BiSEP), a PG diploma course in “Food processing & nutraceuticals” from KBITS, Bengaluru (sanctioned in 2017-18) (As back up coordinator). 3.Rs.6,000 sanctioned from KSCST for the project entitled “Novel formulation of herbal based cleanser to wash fruits and vegetables”, 2020-21
<b>Publications</b> Books/Chapters	: Nil
<b>Journals (with citations)</b>	: 1.Sharada P and Naik G R“Physiological and Biochemical responses of groundnut genotypes to drought stress” ,Worlds Journal of Science and Technology Vol. (1)11, ISSN 2231-2587, 60-66., Dec 2011. <b>citation: 22</b> 2. Sharada P and Naik G R “Pyrroline-5-carboxylate synthetase- Isolation, Partial Purification and Its Characterization, Recent research in Science and Technology Vol. (3) 12, ISSN 2076-5061, 29-32., Oct 2011. 3. Shivleela V B, Srihari Prathapaneni, Sharada P & Girigouda K, “N-terminal Domain of tlyA from Mycobacterium tuberculosis Displayed Concentration Dependent Ordered Structure”, International Journal of Current Microbiology and Applied Sciences, ISSN: 2319-7706, Vol 8 (10),1917-1925., 2019 4. Shivaleela, Shaik Kalimulla Niazi, Sharada P & Giri Gowda K “ <i>Mycobacterium tuberculosis tlyA</i> E59Q is stable compare to the native protein”, International Journal of Current Microbiology and Applied Sciences, ISSN: 2319- 7619, Vol 8 (9) , 2203-2212., 2019 5. Sharada P, Vikarahmed “Alzheimer’s Disease: A Progressive Neurodegeneration International Research Journal of Engineering and Technology (IRJET)”, Vol 7 (8), 2742-2744., 2020 6.Vikarahmed, Sharada P, DBM Virupakshaih, “Annapurneshwari Biocomputational Approach for the Effective Treatment of Alzheimer’s Disease” International Journal of Pharmacy and Biological Sciences, Vol 10 (3) ,192-197., 2020 7.Preeti S. Kumarmath and Sharada.P(2021).Assay Of Antioxidants In Bryophyllum pinnatum Under SaltStress.Journal of Chengdu University of Technology. 26(9).1-8 8.Preeti S. Kumarmath and Sharada.P (2021).Green approach for the synthesis of silver nanoparticles using Bryophyllum pinnatum. International journal of green pharmacy.15(3).307. DOI:http://dx.doi.org/10.22377/ijgp.v15i3.3159 9.Preeti S. Kumarmath and Sharada.P (2021).Antioxidant Assay of Bryophyllumgastonisbonnieriat Salt Stress. Current Trends in Biotechnology and Pharmacy.15(5).361-365. 10.Sharada P and Swati S Gavimath, "A survey study on acceptance of spirulina-based beverage mix over malted health drinks", International Journal of Research in Engineering and Science, vol 10(9): 4439-449, 2022.
<b>Conferences</b>	: 1. Shivaleela, Sharada P “Cloning, Expression, Purification & Characterization of tlyA protein from Mycobacterium tuberculosis”, International Conference on Genome Biology Mechanism in health & disease 2018”, Bangalore, 32, 13th & 14th July 2018. 2. Preeti S Kumarmath, Sharada P,“ Green approach for the synthesis of Silver nano particles using <i>Bryophyllum fedtschenkoi</i> ”International conference on Advanced materials Sciences and Application, 3 <sup>rd</sup> and 4 <sup>th</sup> September 2020 .
<b>Invited Talks</b>	: Delivered lecture on Gene therapy and its applications in Hangal Shree Kumareswar College of Pharmacy, February 2011
<b>Events Organized</b>	: 1. Short Term Training Programme on “Recent Trends in Nanotechnology” for faculty members, 2009 2. National Level students symposium, 21-10-2008 to 22-10-2008 3. One day workshop on Bioinformatics, 21st September 2019 4. One day Webinar on Innovations and Funding Opprtunities for Start ups, 25th September 2020 5. One day Webinar on Stem cell Technology, 12th December 2020

	6. One day National level student's symposium-STROBES 2022
<b>Conferences/ Symposiums/ Workshops/ Training Programs Attended</b>	<p><b>Conferences attended</b></p> <ol style="list-style-type: none"> <li>1. "National conference on Industrial Biotechnology, Gulbarga University, Gulbarga, 13-01-2008 to 15 -01-2008</li> <li>2. International conference on Advance material science and applications<sup>rd</sup> September 2020, 3<sup>rd</sup> - 4<sup>th</sup> September 2020</li> <li>3. International Virtual Conference On Sustainable Biotechnology. 18<sup>th</sup> and 19<sup>th</sup> March, 2021.</li> </ol> <p><b>Workshops/ Training Programs Attended</b></p> <ol style="list-style-type: none"> <li>1. Workshop on Basic techniques in Molecular Biology.</li> <li>2. Training Programme on "Invitro Fertilization".</li> <li>3. Instructional Design &amp; Delivery</li> <li>4. Training on Vision R &amp; D</li> <li>5. Short Term Training Programme on "Recent advances in Biotechnology" for Engineering faculty members.</li> <li>6. Recent trends in application of Finite element analysis</li> <li>7. Hands on training in Advanced Molecular Biology and Genetic Engg Techniques</li> <li>8. Mathematical modeling for Biotechnology</li> <li>9. Recent trends in application of Finite element analysis</li> <li>10. TEQIP-II Sponsored Faculty Development Program on" Capacity building towards quality teaching and learning</li> <li>11. TEQIP-II Sponsored Faculty Development Program on" Capacity building towards quality teaching and learning</li> <li>12. Hands on Training program on animal cell culture and downstream process technology</li> <li>13. Hands on Training program on Downstream processing Equipments</li> <li>14. Management Development Program</li> <li>15. FDP on Pedagogy</li> <li>16. International Symposium on Emerging Technologies for Sustainable Development</li> <li>17. Genetic Engineering Principles &amp; Applications –AICTE, New Delhi</li> <li>18. STTP on Biology for Engineers</li> <li>19. STTP on Outcome Based Education</li> <li>20. Training on e- procurement</li> <li>21. Train the trainers</li> <li>22. STTP on Outcome Based Education.</li> <li>23. Exam Reforms workshop</li> <li>24. Digital transformaton in teaching learning process</li> <li>25. Webinar on "perspective on the biological effects of radiation exposure"</li> <li>26. International online conference on "Microbiology &amp; clinical microbiology special reference to combating COVID-19 IN 2020"</li> <li>27. Webinar on Industry 4.0 and its role in manufacturing.</li> <li>28. Webinar on Awareness &amp; prevention of sexual Harassment</li> <li>29. Webinar on "Latest Technologies" (Cloud Computing, Machine Learning, Artificial intelligence)</li> <li>30. National webinar on "Quality of Reinforcement and Next Generation Concrete"</li> <li>31. "National webinar on Aquaculture: an opportunity for entrepreneurs"</li> <li>32. Webinar on "Bo-Materials &amp; Technology": Recent Trends &amp; Applications in Medical Field".</li> <li>33. National webinar on "World youth Skills Day"</li> <li>34. Webinar on Recent advances in Nanoparticles, films and membranes</li> <li>35. Webinar on "Complement Immunity and Vasculature"</li> <li>36. Webinar on " Biotechnology Industry Scenario: Post COVID-19"</li> <li>37. Short term course on Recent trend advances in Environment Biotechnology</li> <li>38. International webinar on recent innovations in chemical sciences NPTEL work shop</li> <li>39. Biotechnology vs Covid : Challenges, Opportunities And Ethics For The Research &amp; BT Industries</li> <li>40. Faculty Development Program (FDP) on "Recent Advances in Wastewater Treatment and Recycle" held from 16th -19th November 2021 organized by the Department of Chemical</li> </ol>

		<p>Engineering, SDM College of Engineering and Technology, Dharwad, Karnataka. India.</p> <p>41. One Week Online Faculty Development Programme on “Taking Research to Next Level” organized by Department of Mechanical Engineering &amp; Department of Basic Science , in Association with IQAC, ISNT and IIC Cell, Sri Venkateshwara College of Engineering, Bengaluru from 26<sup>th</sup> to 30<sup>th</sup> September 2022.</p> <p>42. Workshop on Outcome Based Education organized by Basaveshwar Engineering College Bagalkote on 1<sup>st</sup> and 2<sup>nd</sup> February 2023</p>
<b>Awards and Honors</b>	<b>:</b>	<b>-</b>