


FACULTY PROFILE

Name	:	Dr. Madhumala Y	
Designation	:	Assistant Professor	
Department	:	Biotechnology	
Employee ID	:	TBT007	
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Orcid ID	:	0000-0001-5418-7745	
Scopus ID	:		
Vidwan Id	:	148201	
Researcher ID (Web of Science)	:		
Google Scholar ID	:	nl-9lJ8AAAAJ	
Qualification	:	Mphil, Ph.D	
Professional Experience	:		
Teaching experience	:	15	
	:	Nil	

Industry experience																											
Administrative Responsibilities	:	<ol style="list-style-type: none"> 1. 1.BOS Member 2. 2.Bt zillion coordinator 3. MIS-TEQIP(Dept coordinator) 4. BOE Coordinator 5. Valuation Coordinator 6. Project Coordinator 7. Proof Reading 8. BOE Member 9. Editor of Department Technical Magazine from 2018 																									
Teaching	:	UG, PG Diploma and PG																									
No. of Projects Guided																											
UG	:	19																									
PG	:	5																									
Research Interest Area	:	Bioremediation, Microbiology, Pharmaceuticals																									
No. of Research Scholars Pursuing	:	NA																									
Awarded	:	NA																									
Patents	:	<i>Nil</i>																									
Research Grants	:	<table border="1"> <thead> <tr> <th>Sl. No</th> <th>Title of Project</th> <th>Funding agency</th> <th>Year</th> <th>Amount(Rs)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Process Optimization and Bioreduction of Hexavalent Chromium from waste water using Biofilms</td> <td>TEQIP-II</td> <td>15-16</td> <td>25,000</td> </tr> <tr> <td>2</td> <td>Cyanide remediation by Adsorption and biosorption process</td> <td>KSCST</td> <td>17-18</td> <td>7,000</td> </tr> <tr> <td>3</td> <td>Cyanide Reduction by Biosorption Process"</td> <td>KSCST</td> <td>18-19</td> <td>6,000</td> </tr> <tr> <td>4</td> <td>Removal of Heavy metal from industrial waste water from biofilm producing bacteria</td> <td>TEQIP-III</td> <td>18-19</td> <td>22,000</td> </tr> </tbody> </table>	Sl. No	Title of Project	Funding agency	Year	Amount(Rs)	1	Process Optimization and Bioreduction of Hexavalent Chromium from waste water using Biofilms	TEQIP-II	15-16	25,000	2	Cyanide remediation by Adsorption and biosorption process	KSCST	17-18	7,000	3	Cyanide Reduction by Biosorption Process"	KSCST	18-19	6,000	4	Removal of Heavy metal from industrial waste water from biofilm producing bacteria	TEQIP-III	18-19	22,000
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Publications Books/Chapters	: Nil
Journals (with citations)	Publications: 1.Madhumala Y. Vishal Managutti, Puja B. Patil & Veena S. Sorganvi “Comparative Study of Bioreduction of water containing Hexavalent chromium using biofilm forming and nonbiofilm forming Bacteria” International Journal of Advanced Research Methodology in Engineering and technology Vol. 1, Issue 2, March 2017, ISBN 978-1-63535-889-6 Pg 41-44. 2.Madhumala Y, Veena S Soraghanvi and Bharati S Meti, (2018) “Reduction of hexavalent chromium using biofilm forming isolates” <i>International journal of technical innovation in modern engineering and science</i> Vol 4(11):2455-2585. 3.Madhumala Y, Manjula Mathapati &Veena S Soraghanvi, (2019) “Removal of heavy metal from industrial waste water using biofilm producing bacteria” <i>International Journal of Biotechnology & Research</i> Vol 9(2) :15-30 4.Madhumala Y, Goutami Hadimani, Savita Harke and Kaveri Lalaki,Studies on Extraction and Applications of Prodigiosin from Serratia Marcescens, International Research Journal of Engineering and Technology (IRJET) E-ISSN: 2395-0056 Volume: 07, Special Issue June 2020 Pg no.227-231 5.Madhumala Y ,Vijayalaxmi Naganuri ,Megha Mathad,Bioethanol Production from Waste Banana Peel,INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET) E-ISSN: 2395-0056 VOLUME: 07, SPECIAL ISSUE JUNE 2020 Pg No.124-129 6.Madhumala Y ,Veena S Soraganvi Nikhita H Ingalagi, CHROMIUM REDUCTION USING BACTERIAL BIOFILMS, International Journal of Engineering Applied Sciences and Technology, 2020 Vol. 5, Issue 5, ISSN No. 2455-2143, Pages 198-202
Conferences	: International Conference : <i>Cyanide remediation by adsorption and biosorption process, Jahnvi.M and Prof. Madhumala Y.</i>
Invited Talks	: Two Days Training on Food Safety and Personal Health Hygiene at Godavari Bio-refineries Ltd, Sammerwadi, Mudhol 8 th and 9 th March 2019,
Events Organized	: 1.Facilitation, Validation and Quality assurance , 14th -18th May 2013 for Faculty 2.Quality control and Assurance, 15th and 16th April 2018 for students 3.Covid-19 Myths and facts and biotechnology as a career 9th Nov 2020 4. One day SDP on Drug Design on 3 rd Feb 2022 5.One day national student symposium on 25 th June 2022

<p>Conferences/ Symposiums/ Workshops/ Training Programs Attended</p>	<p>:</p>	<ol style="list-style-type: none"> 1. Drinking water quality analysis 2. Green Chemistry 3. Effective Teaching Practices 4. Effective Teaching Practices “High Impact teaching skill attested by Dale Carnegie and associate, Inc. trainer and wipro”. 5. Attended Faculty Development Programme on Robotics, Organised by IT Dept, under VTU, VGST, Program, 6. Research methodology and latex 7. Role of IPR in life science industry 8. Worked as HRD trainer for 1st year BE students 9. Faculty Development Programme 10. On Pedagogy IIT, Chennai 11. International Symposium on Energizing Technologies for Sustainable Development 12. Faculty Development Programme 13. On Active learning components 14. Winning Edge strategy of thinking and creative leadership 15. Biology for Engineers 16. STTP on Outcome Based Education. 17. Nptel Workshop 18. Publishing Research in high Quality Journals 19. FDP on Current practices and critical issues for OBE in Engineering 20. Digital Transformation in Teaching Learning Process 21. E-Workshop on AICTE workshop on Exam reforms 22. Biorujivith-2020 ,international online conference on applied microbiology & clinical microbiology, special reference to combating covid-19 23. ”Environmental Pollution-Causes,Effects & Control Measures 24. "National Level E-Quiz on Strength of Materials" 25. The role of advanced materials and nanotechnology in present scenario 26. Sustainable Development and Biodiversity 27. " Awareness and Prevention of Sexual Harassment at Workplaces" at 10 -12 am.TEQIP-III 28. Microbiome –“Perceptions and Perspectives” 7.30 to 9.00 pm 29. Food and Lifestyle Changes: East to West Preventive Measures in COVID Crisis. 30. “ Women Rights under Constitution” and “Vishaka Guidelines on Sexual Harassment” 31. Progress of nanomaterials and its applications in new technologies 32. Metallic Corrosion and Graphene base anti- corrosion coating materials 33. Insights on writing Research Proposals and funding Opportunities 34. Peptide based functional biomaterials for Biomedical Application 35. Effective ways of writing Research article 36. International webinar on multifunctional 37. applications of nanometal oxides 38. Secrets to combat Covid-19 39. “Online Chemistry Quiz 40. Alternate energy resources: Current scenario and future challenges. 41. Battle against Novel Coronavirus 42. Recent Advancements in Nanoparticles, films and membranes 43. World Animal Day Quiz 44. Faunal diversity and prospects of lifesciences 45. International webinar on Recent innovations in Chemical sciences 46. “Stem Cell Technology” 47. Industrial Biotechnology 48. Biotechnology Vs COVID -Challenges,opportunities and ethics for the research and BT industries.
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