


FACULTY PROFILE

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| Name | : | Dr. Preeti S. Kumarmath |  |
| Designation | : | Assistant Professor | |
| Department | : | Biotechnology | |
| Employee ID | : | TBT009 | |
| E mail ID (College official ID), (Personal mail ID) | : | pskbt@becbgk.edu , kpreeti11@gmail.com | |
| Contact details | : | Dept of Biotechnology Basaveshwar Engineering College Bagalkot-597102 | |
| Orcid ID | : | 0000-0002-0845-5216 | |
| Scopus ID | : | | |
| Vidwan Id | : | 148590 | |
| Researcher ID (Web of Science) | : | | |
| Google Scholar ID | : | 6pRf_H8AAAAJ | |
| Qualification | : | M.Sc, M.Phil, Ph.D. | |

| Professional Experience | | | | | | | | | | |
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| Teaching experience | : | 17 years | | | | | | | | |
| Industry experience | : | | | | | | | | | |
| Administrative Responsibilities | : | <p>BOS member : 2008 till date</p> <p>Dept Library Coordinator :2008 till date</p> <p>Spoken tutorial Coordinator:2022 till date</p> <p>BOS Coordinator : 2018 - 2020</p> <p>BT Zillion (Association) Coordinator : 2017 - 2019</p> <p>BOE Coordinator : 2014-2015</p> <p>Valuation coordinator : 2014-2015</p> <p>Question paper proof reading Coordinator : 2009 - 2011</p> | | | | | | | | |
| Teaching | : | UG, PG diploma and PG | | | | | | | | |
| No. of Projects Guided | | | | | | | | | | |
| UG | : | 18 | | | | | | | | |
| PG | : | 2 | | | | | | | | |
| Research | | | | | | | | | | |
| Interest Area | : | Biochemistry, Phytochemistry, Nanobiotechnology and Enzymology | | | | | | | | |
| No. of Research Scholars | | - | | | | | | | | |
| Pursuing | : | - | | | | | | | | |
| Awarded | : | - | | | | | | | | |
| Patents | : | - | | | | | | | | |
| Research Grants | : | <table border="1"> <thead> <tr> <th>Funding agency</th> <th>Title of Project</th> <th>Year</th> <th>Amount(Rs)</th> </tr> </thead> <tbody> <tr> <td>VGST</td> <td>An emerging technology for bioplastic synthesis</td> <td>12-13</td> <td>40,000/</td> </tr> </tbody> </table> | Funding agency | Title of Project | Year | Amount(Rs) | VGST | An emerging technology for bioplastic synthesis | 12-13 | 40,000/ |
| Funding agency | Title of Project | Year | Amount(Rs) | | | | | | | |
| VGST | An emerging technology for bioplastic synthesis | 12-13 | 40,000/ | | | | | | | |

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| | | <p>from flour mill waste.</p> <p>VGST A novel approach for synthesis of bioplastic from poultry waste. 15-16 40,000/</p> <p>KSCST Biochemical and Molecular study of Glutathione peroxidase enzyme in <i>Bryophyllum Pinnatum</i> leaves 17-18 7,000/</p> |
| Publications | : | - |
| Books/Chapters | | |
| Journals (with citations) | : | <ol style="list-style-type: none"> 1. Preeti S. Kumarmath and Sharada.P (2021). Assay Of Antioxidants. In <i>Bryophyllum Pinnatum</i> Under Salt Stress. Journal of Chengdu University of Technology. 26(9).1-8 2. Preeti S. Kumarmath and Sharada.P (2021).Green approach for the synthesis of silver nanoparticles using <i>Bryophyllum pinnatum</i>. International journal of green pharmacy.15(3).307-312. DOI:http://dx.doi.org/10.22377/ijgp.v15i3.3159 3. Preeti S. Kumarmath and Sharada.P (2021).Antioxidant Assay of <i>Bryophyllum gastonis bonnierii</i> at Salt Stress. Current Trends in Biotechnology and Pharmacy.15(5).361-365. 4. Preeti S Kumarmath, Anusha Kawatal, Kruti Nimbargi (2022). A Review On Extraction Of Dye From <i>Terminalia catappa</i> Hull: A Substitute To Synthetic Dyes. JETIR 2022, Volume 9, Issue 2, pp 59-64. 5. Kumarmath P. S., Renuka C. K., Kadakol J. C. & Hosamani S. V. (2004) "Analysis of Quality and Antiquality Factors in Locally Available Feeds and Fodders", Karnataka J. Agric. Sci., 17(4): 794-798). Citation : 3 6. Renuka C. K., Kumarmath P. S., Kadakol J. C. & Hosamani S. V. (2005) "Chemical Composition and Antinutritional Factors in Different Parts and Whole Cotton (<i>Gossypium hirsutum</i>) Plant", Karnataka J. Agric. Sci., 18(1): (114 - 117). Citation : 6 7. Hosamani S. V., Kumarmath P. S., Renuka C. K. & Kadakol J. C. (2004) "Effect of Whole Cotton Plant in Complete Feed of Growing Crossbred Calves" , Abstract papers national institute of Animal Nutrition & Physiology, Proceedings of VANA Conference: 47- 48. 8. Hosamani S. V., Renuka C. K., Kumarmath P. S. and Kadakol J. |

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| | | C. (2004) "Inclusion of Cotton Stalk as a Component of Economic Complete Feed for Ruminants", International symposium on "Strategies for sustainable Cotton Production – A Global Vision" University of Agricultural Sciences. |
| Conferences | : | <p>Presented 3 papers</p> <p>1. International conference on Advanced materials Sciences and Application. Paper titled " Green approach for the synthesis of Silver nano particles using <i>Bryophyllum fedtschenkoï</i>". 3rd and 4th September 2020</p> <p>2. International Conference on Multidisciplinary Innovatons in Science and Technology. Paper titled "Optimization of alkaline and acidophilic proteases from <i>Bacillus</i> species using various wastes". 18 and 19 September 2020.</p> <p>3. International Virtual Conference On :Sustainable Biotechnology. Paper titled "Antioxidant Assay of <i>Bryophyllum gostonis bonniere</i> at Salt Stress" 18th and 19th March, 2021.</p> |
| Invited Talks | : | Delivered a lecture on "Nanoscience and Nanotechnology" for B.Sc Biotechnology students of Basaveshwar Science College Bagalkot, on 12-3-2021. |
| Events Organized | : | <ol style="list-style-type: none"> Short Term Training Programme on "Recent Trends in Nanotechnology" faculty for members, 16th -20th 2009 National Level students symposium 21-10-2008 to 22-10-2008 National Level symposium STROBES 22 on 25th June 2022 |
| Conferences/ Symposiums/ Workshops/ Training Programs Attended | : | <ol style="list-style-type: none"> Green Chemistry Training Programme on Proficiency in Enzymology National Conference on Recent Trends in Drug Designing and Innovation in coating, conversion and printing of paper STTP on "Bioscience and Bio-nanotechnology" Effective Teaching Practices "High Impact teaching skill attested by Dale Carnegie and associate, Inc. trainer and wipro".Mission 10 X Advanced short term training in enzyme Biotechnology Workshop on Research Methodologies & Latex Workshop on role of intellectual property rights in life science industries Workshop on Virtual Lab Effective Leadership Excellence Short Term Training on Animal Cell Culture techniques & downstream processing technology FDP Pedagogy training International Winter School and Hands on Training Programme on Nano-biotechniques International Symposium on Energizing Technologies for Sustainable Development Genetic Engineering Principles & Applications –AICTE, New Delhi STTP on Outcome Based Education Exam Reforms workshop |

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| | | <ol style="list-style-type: none"> 18. Digital transformatonin teaching learning process 19. Analytical techniques for determining elemental constituents 20. Awareness and prevention of sexual harassment 21. Science leadership workshop 22. Electrochemical sensors for the detection of Cancer protein markers 23. Entrepreneurship prospects in apiculture 24. Pharmacy profession in INDIA: Present status and future challenges 25. Industry 4.0 and its role in manufacturing 26. Effective ways of writing research articles 27. Recent Advanements in Nanoparticles, Films and Membranes 28. International conference on Advanced materials Sciences and Application 29. International Conference on Multidisciplinary Innovations in Science and Technology 30. Biotechnology industry scenario: post covid-19 31. Universal Human Values for “Deeksharambh” National Intstitute of Technology Patna 32. Recent Advances in environmental Biotechnology 33. NPTEL Online Certification 34. NPTEL work shop 35. Biotechnology v/s Covid : Challenges, Opportunities And Ethics For The Research & BT Industries 36. FDP sponsored by GIET University Gunupur under AICTE ISTE on Role of Biotechnology in Mitigation of Pollution and Restoration of Environment from 11th to 17th January 2022 online |
| Awards and Honors | : | Student project got selected for the final regional event of Anveshana 2021-22. Project entitled: T.catappa fruit dye a medicine |