

FACULTY PROFILE

Name : **Preeti S. Kumarmath**



Designation : **Assistant Professor**

Department : **Biotechnology**

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Vidwan Id : **148590**

Google Scholar ID : **6pRf_H8AAAAJ**

Qualification : **M.Sc, M.Phil (Ph.D)**

Professional Experience : **16 years**

Teaching experience : --

Industry experience : --

Administrative Responsibilities : **BOS Coordinator : 2018 - 2020**

BOS member : 2008 till date

Dept Library Coordinator : Till date

BT Zillion (Association) Coordinator : 2017 - 2019

BOE Coordinator : 2014-2015

Valuation coordinator : 2014-2015

Question paper proof reading Coordinator : 2009 - 2011

Teaching : UG, PG diploma and PG

No. of Projects Guided : **16**

UG : --

PG : --

Research : **Biochemistry, Phytochemistry, Nanobiotechnology and Enzymology**

Interest Area

Research Grants :

Funding agency	Title of Project	Year	Amount(Rs)
VGST	An emerging technology for bioplastic synthesis from flour mill waste.	12-13	40,000/
VGST	A novel approach for synthesis of bioplastic from poultry waste.	15-16	40,000/
KSCST	Biochemical and Molecular study of Glutathione peroxidase enzyme in <i>Bryophyllum Pinnatum</i> leaves	17-18	7,000/

- Journals (with citations)** :
1. 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**
 2. Renuka C. K., Kumarmath P. S., Kadakol J. C. & Hosamani S. V. (2005) "Chemical Composition and Antinutritional Factors in Different Parts and Whole Cotton (*Gossypium hirsutum*) Plant", Karnataka J. Agric. Sci., 18(1): (114 - 117). **Citation : 6**
 3. 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.
 4. Hosamani S. V., Renuka C. K., Kumarmath P. S. and Kadakol J. 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

- Conferences** :
- Presented 3 papers
1. International conference on Advanced materials Sciences and Application. Paper titled " Green approach for the synthesis of Silver nano particles using *Bryophyllum fedtschenkoii*". 3rd and 4th September 2020
 2. International Conference on Multidisciplinary Innovations in Science and Technology. Paper titled "Optimization of alkaline and acidophilic proteases from *Bacillus* species using various wastes". 18 and 19 September 2020.
 3. International Virtual Conference On :Sustainable Biotechnology. Paper titled "Antioxidant Assay of *Bryophyllum gastonis bonniere* at Salt Stress" 18th and 19th March, 2021.

- Invited Talks** :
- Delivered a lecture on "Nanoscience and Nanotechnology" for B.Sc Biotechnology students of Basaveshwar Science College Bagalkot, on 12-3-2021.

- Conferences/ Symposiums/ Workshops/ Training Programs Attended** :
1. Green Chemistry
 2. Training Programme on Proficiency in Enzymology
 3. National Conference on Recent Trends in Drug Designing and Innovation in coating, conversion and printing of paper
 4. STTP on "Bioscience and Bio-nanotechnology"
 5. Effective Teaching Practices "High Impact teaching skill attested by Dale Carnegie and associate, Inc. trainer and wipro".Mission 10 X
 6. Advanced short term training in enzyme Biotechnology
 7. Workshop on Research Methodologies & Latex

8. Workshop on role of intellectual property rights in life science industries
9. Workshop on Virtual Lab
10. Effective Leadership Excellence
11. Short Term Training on Animal Cell Culture techniques & downstream processing technology
12. FDP Pedagogy training
13. International Winter School and Hands on Training Programme on Nano-biotechniques
14. International Symposium on Energizing Technologies for Sustainable Development
15. Genetic Engineering Principles & Applications –AICTE, New Delhi
16. STTP on Outcome Based Education
17. Exam Reforms workshop
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 Advancements 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 Inttstitute 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