

FACULTY PROFILE

Name : **Dr. Sharada P**



Designation : **Associate Professor**

Department : **Biotechnology**

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Vidwan Id : **147853**

Google Scholar ID : **M3e-8REAAAAJ**

Qualification : **M. Sc, Ph. D.**

Professional Experience : **18 Years**

Teaching experience

:

Industry experience

Administrative Responsibilities : 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

Teaching : UG, PG and PG Diploma and certification course

No. of Projects Guided UG : **14**

PG : NIL

Research : **Molecular Biotechnology**

Interest Area

No. of Research Scholars : **2**

Pursuing : **0**

Awarded

Patents : *Nil*

Research Grants : 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.6000 sanctioned from KSCST for the project entitled "Novel formulation of herbal based cleanser to wash fruits and vegetables", 2020-21

- Journals (with citations)** :
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. **citation: 22**
 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. **citation: 2**
 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 “*Mycobacterium tuberculosis tlyA* 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
- Conferences** :
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 *Bryophyllum fedtschenkoi*” International conference on Advanced materials Sciences and Application, 3rd and 4th September 2020 .
- Invited Talks** :
- Delivered lecture on Gene therapy and its applications in Hangal Shree Kumareshwar College of Pharmacy, February 2011

- Events Organized** :
1. Short Term Training Programme on “Recent Trends in Nanotechnology” faculty for members, 16th -20th 2009
 2. National Level students symposium 21-10-2008 to 22-10-2008
 3. One day workshop on Bioinformatics on 21st September 2019
 4. One day Webinar on Innovations and Funding Opportunities for Start ups, 25th September 2020
 5. One day Webinar on Stem cell Technology 12th December 2020

- Conferences/ Symposiums/ Workshops/ Training Programs Attended** :
- Conferences attended**
1. “National conference on Industrial Biotechnology, Gulbarga University, Gulbarga, 13-01-2008 to 15 -01-2008
 2. International conference on Advance material science and applicationsrd September 2020, 3rd - 4th September 2020
 3. International Virtual Conference On Sustainable Biotechnology. 18th and 19th March, 2021.

Workshops/ Training Programs Attended

1. Workshop on Basic techniques in Molecular Biology.
2. Training Programme on “Invitro Fertilization”.
3. Instructional Design & Delivery
4. Training on Vision R & D
5. Short Term Training Programme on “Recent advances in Biotechnology” for Engineering faculty members.
6. Recent trends in application of Finite element analysis
7. Hands on training in Advanced Molecular Biology and Genetic Engg Techniques
8. Mathematical modeling for Biotechnology
9. Recent trends in application of Finite element analysis
10. TEQIP-II Sponsored Faculty Development Program on” Capacity building towards quality teaching and learning
11. TEQIP-II Sponsored Faculty Development Program on” Capacity building towards quality teaching and learning
12. Hands on Training program on animal cell culture and downstream process technology
13. Hands on Training program on Downstream processing Equipments
14. Management Development Program
15. FDP on Pedagogy
16. International Symposium on Emerging Technologies for Sustainable Development
17. Genetic Engineering Principles & Applications –AICTE, New Delhi
18. STTP on Biology for Engineers
19. STTP on Outcome Based Education

20. Training on e procurement
21. Train the trainers
22. STTP on Outcome Based Education.
23. Exam Reforms workshop
24. Digital transformaton in teaching learning process
25. Webinar on “perspective on the biological effects of radiation exposure”
26. International online conference on “Microbiology & clinical microbiology special reference to combating COVID-19 IN 2020”
27. Webinar on Industry 4.0 and its role in manufacturing.
28. Webinar on Awareness & prevention of sexual Harassment
29. Webinar on “Latest Technologies” (Cloud Computing, Machine Learning, Artificial intelligence)
30. National webinar on “Quality of Reinforcement and Next Generation Concrete”
31. “National webinar on Aquaculture: an opportunity for entrepreneurs”
32. Webinar on “Bo-Materials & Technology”: Recent Trends & Applications in Medical Field”.
33. National webinar on “World youth Skills Day”
34. Webinar on Recent advances in Nanoparticles, films and membranes
35. Webinar on “Complement Immunity and Vasculature”
36. Webinar on “ Biotechnology Industry Scenario:Post COVID-19”
37. Short term course on Recent trend advances in Environment Biotechnology
38. International webinar on recent innovations in chemical sciences
39. NPTEL work shop
40. Biotechnology vs Covid : Challenges, Opportunities And Ethics For The Research & BT Industries