

1. Name : Dr. Sharada P.
2. Designation : Associate Professor
3. Specialization : Biotechnology
4. E-mail : sharadabec@yahoo.co.in
Sharadabec1980@gmail.com



Contact : 9449985749

5. Qualification

Sl. No	Graduation	Institute	University	Year of Passing
1	Ph. D	Gulbarga University Gulbarga	Gulbarga University Gulbarga	2013
2	M. Sc.,	Gulbarga University Gulbarga	Gulbarga University Gulbarga	2002
3	B.Sc.,	Smt V. G. Women's College, Gulbarga	Gulbarga University Gulbarga	2000

6.Grants received: As Back up coordinator

Under the project	Funding agency	Year	Amount(Rs)
Biotechnology Skill Enhancement Programme (BiSEP)	KBITS, Dept of IT and BT Bangalore	2017-18	1,62,50,000/

7.Guide: For Ph D. under VTU.

Number of students Registered : 2

8. Publications

1. "Physiological and Biochemical responses of groundnut genotypes to drought stress" Worlds Journal of Science and Technology Vol. (1) ISSN 2231-2587, Dec 2011(29-32).
2. "Pyrroline-5-carboxylate synthetase- Isolation, Partial Purification and Its Characterization Worlds Journal of Science and Technology Vol. (3) ISSN 2076-5061,; Oct 2011(60-66).

9. Industrial Experience

Sl. No	Position	Name of the Industry	Duration
1	Project officer	BAIF, Pune	April 2002 to Feb 2003

10. Teaching Experience:

Sl. No	Duration	Position	Name of the Institute	Subjects Handled
1	Dec. 2014 till date	Associate Prof.	Basaveshwar Engineering college, Bagalkot	1. Plant and animal cell culture techniques 2. Molecular Biology
2	May 2005 to Nov 2014	Assistant Prof. (Sr. Grade)	Basaveshwar Engineering college, Bagalkot	3. Health diagnostics 4. Downstream processing technology 5. Structural Biology 6. Genetic Engineering and applications 7. Environmental studies 8. Bioethics & Biosafety
3	April 2004 to 2005	Lecturer	VCAS college, Gulbarga	1. Molecular Biology 2. Genetic Engineering and Applications
4	April 2003 to April 2004	lecturer	Smt. V. G. Women's College, Gulbarga	1. Molecular Biology 2. Genetic Engineering and applications 3. Plant tissue culture

11. PRACTICAL EXPERIENCE

Molecular Biology Techniques and Bioinformatics:

1. PCR
2. Restriction Digestion
3. Digestion, Ligation, and mapping
4. Sequence analysis by Bioinformatics tools
5. Southern and Western Blotting Techniques
6. Northern Blotting Technique

Analytical and Enzymology techniques

1. Chromatographic techniques
2. Electrophoresis techniques
3. Isolation, Purification and characterization techniques for enzymes

12. Short term Course Attended

Sl. No	Title of the course	Institute	Days	Period
1	Workshop on Basic techniques in Molecular Biology.	Bangalore Genei, Bangalore	07	08-08-2005 to 13 -08-2005
2	Training Programme on "Invitro Fertilization".	Infertility Centre, Hyderabad	03	20-03-2005 to 22-03-2005
3	Instructional Design & Delivery	BEC, Bagalkot	1 week	8-13 Aug. 2005
4	Vision R & D	BEC, Bagalkot	6	20-03-2005 to 25-03-2005

5	Short Term Training Programme on “Recent advances in Biotechnology” for Engineering faculty members.	BEC, Bagalkot	1 week	21-08-2006 to 26-08-2006
6	Recent trends in application of Finite element analysis	BEC, Bagalkot	1 week	06-11-06 to 11-11-06
7	Hands on training in Advanced Molecular Biology and Genetic Engg Techniques	BioGenics, Hubli	2 weeks	22-06-2008 to 06-07-2008
8	Mathematical modeling for Biotechnology	BEC, Bagalkot	05 days	11-09-2008 to 16-09-2008
9	Recent trends in application of Finite element analysis	BEC, Bagalkot	1 week	6 to 11-03-06
10	TEQIP-II Sponsored Faculty Development Program on” Capacity building towards quality teaching and learning	IISC, Bangalore	1 week	25 TH Nov-6 th Dec 2013
11	TEQIP-II Sponsored Faculty Development Program on” Capacity building towards quality teaching and learning	IISC, Bangalore	4 Days	8 TH to 11 th Jan Dec 2014
12	Hands on Training program on animal cell culture and downstream process technology at	Biozene Pvt. Ltd, Bangalore	2 Days	8-9, Oct, 2014
13	Hands on Training program on Downstream processing Equipments	Savesta Herbal Pvt. Ltd, Malur Dist. Kolar	1 Day	10 th Oct, 2014
14	Management Development Program	IIM Raipur	6 days	12 th to 17 th Oct. 2015
15	FDP on Pedagogy	IIT Chennai	3 days	12 th to 14 th Sep.2016
16	International Symposium on Energizing Technologies for Sustainable Development	TEQIP-II BEC, BGK	2 days	27 th & 28 th Feb 2017
17	Genetic Engineering Principles & Applications –AICTE, New Delhi	CCE, IISc. B’lore	5 days	24 th -28 th April, 2017
18.	Biology for Engineers	IIT, Bombay at BECBGK	4 days	1 to 4 th March 2017
19	STTP on Outcome Based Education.	IIT, Bombay BEC, Bagalkot	2 days	21 st -22 nd October 2017

13. Title of UG/PG projects guided (only important ones – like KSCST, award winning, innovative etc.)

Sl. No	Title of the project	UG/PG
01	Bioleaching of refractory minerals of gold with <i>Thiobacillus ferrooxidans</i>	UG
02	Lipase production through solid state fermentation	UG

03	Characterization & Comparative study of GCSF and PEG-GCSF	UG
04	Next substrate SSF for production and extraction from <i>Aspergillus niger</i>	UG
05	Protien expression, purification and detection of Glutathione-S-Transferase from <i>Schistosoma japonicum</i>	UG
06	Biobutanol production from lignocellulosic material	UG 2012-13 Ref .no.7.01.1/SPP/241 KSBDB (KSCST), Bangalore
07	Biochemical reponses of <i>Bryophyllum pinattum</i> to drought stress	UG
08	Evaluation of Anti-diabetic and anti tumour properties of extract of <i>Bryophyllum Pinnatum</i> .	UG
09	RAPD Studies in <i>Bryophyllum pinattum</i>	UG
10	Environmental Monitoring Programme	UG

14. Administration Responsibilities: (a) At University level (b) at College level (c) Others, in the following format

Sl. No.	Nature of work (Chairman, coordinator, member etc.)	Worked for (University, college, etc.)	Year / Year of work
01	Malaprabha PG Girl's hostel warden	Basaveshwar Engineering College, Bagalkot	Oct 2016
02	BoE Coordinator	Basaveshwar Engineering College, Bagalkot	July 2016
03	Valuation Biotech dept. coordinator	Basaveshwar Engineering College, Bagalkot	July 2016
04	C-II Cordinator	Basaveshwar Engineering College, Bagalkot	2015
05	Department NAAC Coordinator	Basaveshwar Engineering College, Bagalkot	2014 till now
06	BOE coordinator	Basaveshwar Engineering College, Bagalkot	2011 to 2013
07	BOS Member and Valuation Coordinator	Basaveshwar Engineering College, Bagalkot	2008
08	Coordinator BEST Departmental Association	Basaveshwar Engineering College, Bagalkot.	2005-2007
09	Coordinator, Departmental library	Basaveshwar Engineering College, Bagalkot.	2005-2007
10	Student's Internship Coordinator	Basaveshwar Engineering College, Bagalkot.	June 2017- till date

15. Conferences organized:

Sl. No	Particulars	Institute	Days	Period
1	National Level students symposium	BEC, Bagalkot	02	21-10-2008 to 22-10-2008

16. Conferences attended:

Sl. no	particulars	institute	days	period
1	National Seminar on “Recent Advances in Food Biotechnology	BEC, Bagalkot	02	21-08-2005 to 22-09-2005
2	“National conference on Industrial Biotechnology	Gulbarga University, Gulbarga	03	13-01-2008 to 15 -01-2008

17. Short Term Course Conducted: (As Event coordinator)

Sl. No	Title of the course	Period
1	Short Term Training Programme on “Biotechnology Engg” faculty members.	21 st -26 th Aug.2006
2	Short Term Training Programme on “Recent Trends in Nanotechnology” faculty for members.	16 th -20 th 2009

Performance Appraisal during past seven (7) years for the organization of following events under TEQIP World Bank from Basaveshwar Engineering College, Bagalkot.

1. STTP on “Recent Trends in Nanotechnology” faculty for members.
2. National seminar on “Recent Advances in Food Biotechnology”
3. “STROBES-08” A National level student symposium
4. Short Term Training Programme on “Biotechnology Engg.” faculty members

Extracurricular activities

:

- 1) BOS member, BEC, Bagalkot
- 2) B0E Coordinator, BEC Bagalkot.
- 3) B.V.V S Sangha’s Malaprabha PG girl’s hostel warden,
- 4) Grievance Committee Cell Member, BEC, Bagalkot

Current area of research : Molecular Biotechnology