

Biotechnology Staff Profile



1. **Name:** Mrs. Soumya Khare , Asst. Prof and Head of Department of Biotechnology
2. **Qualification :** M.Sc., SET and Pursuing Ph.D. in Bioinformatics
3. **Contact No. :** 9770100833
Email- soumyashrivastava82@gmail.com
4. **Research Work :** 12 years research experience in the field of Biotechnology and Bioinformatics and 16 years teaching experience in UG and PG.

a. Paper Publication

S.no	NAME	TITLE	JOURNAL NAME
1.	SOUMYA KHARE		
		1. A Study on biochemical interaction of E.coli , Lacto bacillus delbrueckii and Baciilus Substilis.	Indian journal life science (2015),5(1):095-099
		2. Evaluation of Invitro Antioxidant property of Trigonella foenumgraecium and Psidium guajava.	Indian Journal Science Research (2015),10(1):27-34
		3. In Silico analysis of Cholestrol reducing drug , i.e STATIN.	Trend in Bioscience (2014),7(24): 4216-4220

		4. Biomedical Application of Nanobiotechnology for Drug-Delivery and Diagnostic	Research Journal Pharmacy and Tech(2014),7(8):915-925
		5. A Study of Endangered Medicinal plant Euphorbia Fusiform is Buch- Hem EXD.DON: A Review	Indian Journal Science Research(2014),4(1): 155-157.
		6. Protective effect of Ficus religiosa on cyclophosphamide induced Oxidative stress in brain	International journal of research in pharmacy and chemistry (2014), 4(3),654-660
		7. Proteomic Approach of medicinal plant and its informatics use in health science.	CSV TU International Journal of Biotechnology, Bioinformatics and Biomedical (2017),2(2),1-5
		8. Identification of regulatory factors associated with the induction of fetal haemoglobin in beta thalassaemic patients.	6 th Disease Map Community Meeting (DMCM 2021) date 29-30 November 2021 hosting by Department of Systems biology and Bioinformatics , University of Rostock , Rostock Germany

5. **Guest Lectures:** 1. Govt. Digvijay P.G. College Rajdandgaon, Topic on Bioinformatics Biologoval Database. Date : 22/2/2017

2. Guest Lecture in Shankra Charya College, Bhilai , Topic on Biotechnology Scope and their Impact on Society. Date : 18/9/2019

3. Online Lecture on Role of Biotech in Covid 19 Date:
15/05/2020

4. Sai Mahavidyalaya Bhilai , Topic on Recent Trends in
Bioinformatics. Date: 4/3/2022

5. Bhilai Mahila Mahavidyalaya Bhilai , Topic on Recent
Trends and Career Scope in Bioinformatics. Date : 5/5/2022

6. **Members Details** : 1. Central Board of Studies in Biotechnology, Raipur
C.G.

2. Board of Studies in Biotechnology in Govt.
Digvijay P.G. College Rajdandgaon C.G.

3. Ex- Chairperson of Board of Studies in
Biotechnology, Hemchand Yadav University, Durg C.G.



1. **Name:** Mrs. Shweta Singh , Asst. Prof in Biotechnology
2. **Qualification:** M.Sc., M.Phil. SET and Pursuing Ph.D. in Biotechnology
3. **Contact No. :** 8817726631 Mail Id- osh2810@gmail.com
4. **Research Work :**
 - a. **Paper Publication**

2.			
		1. A study on mutagenic potency of industrial effluence in and around Bhilai city of Chhattisghar, India	Science Research Report (2015),5(2):106-111
		2. Flavonoids of the flame of forest- <i>Butea monosperma</i>	RJPT,2020, 13(1)
	Book chapter	3. Phoma Diversity, Taxonomy Bioactivity and Nanotechnology	Book Chapter. Life Science
		4. Addition of <i>Butea monosperma</i> var. <i>Lutea</i> (fabaceae) in the flora of district Rajnandgao, Chhattisgarh, India	International Journal of Botany Studies. 2021,6(3):394-397

Project Work Detail-

Topic- Bioactivity of Silver Nanoparticle from rare yellow palash (*Butea monosperma*) in Govt. Digvijay P.G. autonomous college, Rajnandgaon CG



- 1 **Name:** Mrs. Deepti Negi , Asst. Prof in Biotechnology
- 2 **Qualification:** M.Sc., M.Phil. in Biotechnology
- 3 **Contact No. :** 7999623931
E.Mail : deeptisahu29@gmail.com