

## RESUME

1. **Name-** Mrs Namrata Sharma

2. **Designation-** Assistant Professor, HOD

3. **Department-** Biochemistry

**College-** Mata Gujri Mahila Mahavidyalaya, Autonomous,  
Jabalpur



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#### 4. QUALIFICATION:

**PG: M.Sc. in Biochemistry**

5. **Area Of Expertise : Enzymology specially in Alkaline Protease**

6. **Total Teaching Experience (In Years- 21 years)**

S. No.	Post	Place	From	To	Nature of Work
1.	HOD, Assistant Professor	Mata Gujri Mahila Mahavidyalaya , Autonomous,Jabalpur	18 <sup>th</sup> Sep 2003	Till date	Teaching and Administration

7. **Research Projects:** Two Minor Research Projects completed granted by UGC, CRO, Bhopal.

- **Minor research project entitled “Comparative studies on proteases isolated from soil microflora and their characterization as a laundry agent,”** sanctioned by U.G.C. (2008-2010) F No.MS-45/106045/ /CRO.
- **Minor research project entitled “Comparative evaluation of alkaline protease by native isolate of *Aspergillus terreus* in submerged and solid state fermentation”** sanctioned by U.G.C. (2012-2014) F No MS-70/106045/11-12/CRO.

## 8. Publications : Last Five Years Publications – 07

- Impact of protease inhibitors on extracellular crude protease activity obtained from different strains of *Aspergillus*. **International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)**, March 2024, 13(3): a-d. Impact Factor- 3.879
- Partial purification and characterization of an alkaline protease from *Aspergillus terreus* using corn husk as a novel substrate". **International Journal of Emerging Technologies and Innovative Research** ISSN:2349-5162, Vol.11, Issue 2, page no.a385-a390, **February-2024**. Impact Factor- 7.95
- “Screening of *Aspergillus* Isolates for amylase production” has been published in **International Journal of All Research Education and Scientific Methods (IJARESM)** Vol-11(6), **2023**(June).
- “Impact of particle size of wheat bran and mustard oil cake on protease production by *Aspergillus terreus* under Solid State Fermentation.” has been published in **International Journal Of All Research Education and Scientific Methods (IJARESM)**Vol-11(6), **2023**(June). Impact Factor- 7.89.
- Detergent compatible alkaline protease from various *Aspergillus* isolates from soil.**Int. J. Adv. Res. Biol. Sci. (2023)**. ISSN: 2348-8069 IJARQG (USA) Volume 10, Issue 5 - **2023**(May). Impact factor -5.51
- Innovative teaching methods to enhance students knowledge about protease”, has been **published in book Intellectual property rights and entrepreneurship development, 134- 2021**, ISBN N0:978-93-92446.05.4.

### **BOOK CHAPTER:**

Title of the paper- Impact of particle size of wheat bran on protease production by *Aspergillus* sp. Under SSF.

**Book name- Environmental Pollution and Health Management, ISBN- 978-81- 940512-4-4,204-207,2020.**

## 9. Grants and Funding : NA

## 10. Another Achievements :

### *Academics-*

- As a CO- Convenor conducted a National Webinar on “*Importance of forensic DNA*” in collaboration with Deptt. Of Microbiology held on 7<sup>th</sup> July 2020.  
Resource person- Dr. Sanchali Padhye, Scientific officer, Microbiology division, Forensic deptt. , Raipur.
- Member of Board of Studies in Biochemistry in Deptt Of Biological Sciences, RDVV, Jabalpur from year 2018 to till date & 2014 .
- Member of Board of Studies in Biochemistry in Govt. Model Science College, Jabalpur from year 2013 till date.
- Member of Board of Studies in Biochemistry in MH College of Science and Home Science for Women’s, Jabalpur .

### PROFESSIONAL RECOGNITION

S.No	Name of Award	Awarding Agency	Year
1.	Guest Lecturer for Remedial Classes	Govt. M. H. College of Home Science and Science for Women Under the head of World Bank Project.	Nov 2022
2.	Judge to evaluate Projects under 26 <sup>th</sup> National Science Congress	Kendriya Vidyalaya, No 1, Jabalpur	13 <sup>th</sup> Nov 2018
3.	Judge to evaluate Projects under National Science Congress	Kendriya Vidyalaya, No 1, Jabalpur	16 <sup>th</sup> Nov 2019
4.	On line series of Guest Lectures on Concept of Bioenergetics	Career College, Bhopal (MP).	28 <sup>th</sup> Dec 2020 to 2 <sup>nd</sup> Jan. 2021

## 11. Contact Information

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