

## *Curriculum Vitae*

**Name: Dr. Revati Wanikar**

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### *Educational Qualifications:*

- **Ph.D.**, Doctor of Philosophy in Biochemistry from Nagpur University (2019)  
Thesis – Enzymatic Resistant starch Development from Indigenous Foods  
Guide: Dr. Swati Kotwal, Retd. Professor, RTMNU, Nagpur.  
Dr. Avinash Upadhyay, Professor, Hislop College, Nagpur.
- **M.Phil**, Master of Philosophy in Biochemistry from Nagpur University (2006-2008)  
Dissertation – Biodegradation of Chitosan and Characterization of Chitooligomers.  
Guide: Dr. Swati Kotwal, Retd. Professor, RTMNU, Nagpur.
- **M.Sc**, Master of Science in Biochemistry from Amravati University, I Division,  
71.5% (2000-2002)
- **Certificate Course** on “*Statistical Methods*” under Jeevan Shikshan Abhiyan run by  
Department of Continuing Adult Education and Extension Services in Collaboration  
with Hislop College, Nagpur, qualified with “A” grade (2013)

### *Experience:*

#### *Teaching: 14 years*

- Currently Working as an Assistant Professor in **Department of Biotechnology, Abasaheb Garware College, Karve Road, Pune**
- Worked as an Assistant Professor in Department of Biotechnology, **Dr. D. Y.Patil ACS College, Pimpri, Pune (2020-2022)**
- Worked as an Assistant Professor in Department of Biotechnology, **Hislop School of Biotechnology, Hislop College, Nagpur (2018 -2019)**
- Worked as Assistant professor in Department of Biochemistry, **Hislop College, Nagpur (2008 - 2018)**
- Worked as an Adhoc Lecturer in Department of Biochemistry in **Sevadal Mahila Mahavidyalay, Nagpur (2005 -2006)**

#### *Research: 2 years*

- Worked as Project Assistant in National Environment Engineering Research Institute (**CSIR-NEERI**) during 2002-2003 in Antimalarial Project entitled “*Impact of Pesticides on environment and human health.*”

### ***Publications:***

#### Book Chapter

- “Resistant starch: A promising functional food ingredient”, *IntechOpen, Open Access Book*, Registered in England and Wales No. 11086078  
Book Title: “Starch: Evolution and Recent Advances”

#### Research Papers

- Revati Wanikar, Avinash Upadhyay, Swati Kotwal, 2018, Effect of processing on granular and thermal properties of starch and resistant starch from kodo and kutki, *International Journal of Food and Nutritional Sciences*, Volume 7, Issue 1, Pg. No. 83-90.
- Revati Deshpande, Avinash Upadhyay, Swati Kotwal, 2017, Effect of processing on content and molecular properties of Enzyme-Resistant starch from kodo and kutki, *Indian Journal of Agriculture and Allied Sciences*, Volume 3, No.4, Pg. No. 120-124

### ***Presentations:***

- Oral presentation in international conference on Role of Basic Sciences in Translational Research in Ayurvedic Medicine, sponsored by ICMR , in Banaras Hindu University (**BHU**), Banaras, India (2017)
- Poster presentation in 85<sup>th</sup> Annual Meeting of Society of Biological chemists, CSIR-Central Food Technological Research Institute (**CSIR-CFTRI**), Mysuru, India (2016)
- Poster Presentation on “ Biodegradation and Characterization of Chitosan” in National Conference on “Pharmacogenomics: Revolutionizing personalized medicines” organized by NabiraMahavidyalay, Katol, Nagpur (2012)

