

Dr. Ratna China

Current Designation: SACT -I

Department: Department of Microbiology

Date of Joining: 04/05/2005

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1. Academic Qualifications

Degree	Institution	Year	Subject/Discipline
M.Sc	University of Calcutta	2001	Biochemistry
NET	CSIR	2008	Life Science
Phd	University of Calcutta	2016	Biochemistry

2. Thesis Title

Ph.D Thesis Title: Studies of Antioxidative and Antimicrobial activity of some Edible Flower extract.

3. Specialization and Area of Interests

Specialization: Nutritional Biochemistry

Area of Interests: Microbiology

4. Teaching Responsibilities

In CBCS curriculum: Biochemistry, Microbial physiology and metabolism, Industrial microbiology, Immunology, Microbes in Sustainable Agriculture and Development.

In CCF curriculum: Biomolecules and Bioenergetics , Microbial physiology and metabolism, Food and Dairy Microbiology

5. Publications

a. Research Papers in Journals

1. *In vitro* Antioxidant Activity of Different Cultivars of Banana Flower (*Musa paradiscus* L.) Extracts available in India. Journal of Food Science. 2011; 76(9): C1292-1299

2. Antimicrobial activity of *Sesbania grandiflora* flower polyphenol extract on some pathogenic bacteria and growth stimulatory effect on probiotic organism *Lactobacillus acidophilus*. Microbiological Research. 2012; 167: 500-506

6. Conferences/Seminars/Symposia/Workshops Attended

Name of Event	Role (Participant/Presenter/ Organizer)	Date	Venue
Fermented food fest	Organizer	16.09.2022	Dinabandhu Andrews College in Association with Microbiologists Society, India
'Pandemic and Public health' in the Outreach Campaign Program in Gosaba, Sundarban	Organizer	19.02.2022	Dinabandhu Andrews College in Association with Microbiologists Society, India
International Webinaron Covid-19 Pandemic: Vaccine Development and Future Therapies,	Organizer	14.06.2020 16.06.2020	Dinabandhu Andrews College, Garia, South 24 Parganas.
Frontier's in Biological Science (FIBS)	Participant	30.01.2018	Department of Microbiology St. Xavier's College

7. Membership in Academic Bodies

Member of Microbiological Society of India

8. Administrative Responsibility

- i) Member, Library committee,
- ii) Member, Seminar committee

