

(Self-Declared Document)

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Educational Qualification:

<u>Degree Name</u>	<u>Institute</u>	<u>Year of passing/awarded</u>
B. Tech (Dairy Technology)	West Bengal University of Animal and Fishery Sciences	2006
MSc. (Dairy Microbiology) equivalent to M.Tech (Dairy Technology)	National Dairy Research Institute, Karnal, Haryana	2008
PhD Food Technology	Massey University, New Zealand	2016

Career Profile/Teaching Experience

Assistant Professor, Dept. of Nutrition. Belda College, Paschim Medinipur Dist., West Bengal. Govt. aided college. (17.08.2019 onwards).

Food Safety Officer, Bararankua RH.(West Bengal General Service), Ministry of Health & Family Welfare, Govt. of West Bengal. (04.12.2018 -- 14.08.2019).

Assistant Professor, Dept. of Food Engineering & Post Harvest Technology. Ambo University, Ethiopia. (01.11.2016 -- 01.12.2018).

Research Associate. Goodman Fielder, New Zealand. (16.11.2015 -- 13.05.2016).

Technical Assistant. Massey University, New Zealand. (19.08.2015 -- 13.11.2015).

Team Leader, Continual Improvement Team, Site Quality Assurance, CPP-2., Al Marai Company, Riyadh, Kingdom of Saudi Arabia. (12.11.2008 -- 28.07.2010).

Specialization/Research Area

Probiotics and Functional Food

Food Safety

Food Systems

Dairy Technology

Nutrition

Course/ Subject Taught

Core Course 2 (C2: Food Science and Food Commodities)

Core Course 3 (C3: Nutritional Biochemistry and Biophysics)

Core Course 6 (C6: Nutritional Epidemiology)

Core Course 9 (C9: Food Microbiology)

**DSE (Food Safety & Quality)
DSE-2 (C14: Seafood and Dairy Technology)**

Publications in Journal / Book / Book Chapter

Papers

<u>Title of the Paper</u>	<u>Journal Name with ISSN, Vol. etc.</u>	<u>Year of Publication</u>
Effect of Fluidized Bed Drying, Matrix Constituents and Structure on the Viability of Probiotic <i>Lactobacillus paracasei</i> ATCC 55544 during Storage at 4° C, 25° C, and 37° C.	Micro Organisms. (MDPI AG, Switzerland), ISSN No. 20762607 Vol. 10, no.1:74.	2021
Manganese accumulation in probiotic <i>Lactobacillus parracasei</i> ATCC 55544 analyzed by synchrotron X-ray fluorescence microscopy and impact of accumulation on the bacterial viability following encapsulation.	Food Research International, (Elsevier BV, Netherlands), ISSN No. 0963-9969, Vol.147, 110528.	2021
Stability of <i>probiotic Lactobacillus paracase i</i> during storage as affected by the drying method.	International Dairy Journal. (Elsevier BV, Netherlands), ISSN No. 09586946. Vol. 39(1), Pages 1-7.	2014
Cancer-preventing attributes of probiotics: an update.	International Journal of Food Sciences and Nutrition. (Informa Healthcare, United Kingdom) ISSN No. 00637186 (Print)	2010

	14653478 (web). Vol. 61, No. 5, Pages 473-496	
A probiotic fermented milk prepared by mixed culture reduces pathogen shedding and alleviates disease signs in rats challenged with pathogens.	International Journal of Probiotics and Prebiotics. New Century Health Publisher, USA. ISSN No. 15551431. Vol. 4, No.3, Pages 211-218	2009

Book/Book Chapter

Title of the Book	Publication Name with ISSN , Vol etc.	Year of Publication
Listeria Monocytogenes: microbiology, Sites of Infection and Treatment. (Chapter : Listeria monocytogenes: An Introduction)	Nova Science Publishes 978-1-68507-883-6	2022
Innovation in Healthy and Functional Foods. (Chapter : Stabilization of probiotics for Industrial application)	CRC Press 978-1-43986-267-4	2013

Conference /Seminar/Workshop Attended/Organised

Global Millet Conference, 18-19th March, 2023 New Delhi.

Acting as one of the experts for judging the e-posters in Technical Sessions IV in 27th International Conference of International Academy of Physical Sciences on “Advances in Food Science and Technology” on 26-28 October 2021, organized by NEHU, Tura Campus, Meghalaya in Association with Swedish South Asian Network on Fermented Foods, Anand, Gujrat.

International Webinar entitled on’ Food, Nutrition & Sustainability’ organized by Belda College, Pachim Medinipur, West Bengal on 29 September 2021.(Organized the International webinar as Convenor & Secretary of the organizing Committee.)

Participated in the ‘**Orientation Programme on Management of Skill Development at Higher Education**’, organized by Dept of Educational Administration, during 9-13 December 2019 at NIEPA, New Delhi

Awareness camp on ‘Food Safety’, organized by the Dept. of Food Processing and Dept. of Nutrition in Collaboration with IQAC OF Mugberia Gangadhar Mahavidyalaya, Purba Medinipur, West Bengal on 3 September 2019.
(Attended as a resource person and delivered a special lecture on ‘Introduction to Food Safety’.)

Probiotics and their application conference, held at Hanoi, Vietnam, 31 May – 1 June 2013.Talk entitled: **Characterization of manganese and co-associated elements in probiotic bacteria and their encapsulates by synchrotron X-ray fluorescence micro spectroscopy’.**
(Attended for Oral Presentation)

National Seminar on 'Role of Biotechnology in Environment Management' on 12-13 January 2008, organized by Dyal Singh College, Karnal.
(Attended)

Invited Lectures

International Webinar: 'Agricultural Transformation for Food Security by Sustainable Agribusiness and Value Chain -- new Perspectives in a Changing World', organized by Ambo University, Ethiopia on 19 July 2021. (Attended as a keynote speaker. Topic: 'Covid-19 impact on Food Security of Ethiopia.)