



Name: Dr. Debasmita Pathak

Designation: State Aided College Teacher II

Qualification: M.Sc. (Food Processing and Nutrition Science), Ph.D. (Eng.)

Email: debasmitapathak@hmmcw.in

Teaching Area: Food Biochemistry, Food Microbiology, Food Processing and Preservation

Teaching Experience: 10years +

Research Area: New food product development, Food analysis

Title of the thesis under Ph.D. programme:

Improvement of Bread Characteristics using By-products from Indian Tropical Fruits

Post-Doctoral Research: NA

Publications:

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN Number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		
						Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
1. Study on enrichment of whole wheat bread quality with the incorporation of tropical fruit by-product	Debasmita Pathak, Jayshree Majumdar, Utpal Ray chaudhuri, Runu Chakraborty	Food and Nutrition	International Food Research Journal	2017	2231-7546			Yes
2. Characterization of physicochemical properties in whole wheat bread after incorporation of ripe mango peel	Debasmita Pathak, Jayshree Majumdar, Utpal Ray chaudhuri, Runu Chakraborty	Food and Nutrition	Journal of Food Measurement and Characterization	2016	<u>Electronic:</u> 2193-4134 <u>Print</u> 2193-4126			Yes
3. Dynamic role of Natural Antioxidant sources on different parameters of Bread quality - A Review	Debasmita Pathak, Jayshree Majumdar, Utpal Ray chaudhuri, Runu Chakraborty	Food and Nutrition	Nutrafoods	2016	2240-5291			No

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
1	Debasmita Pathak	NA	A Study to Create Awareness towards Tropical Fruit Waste as a Source of Natural Antioxidant. Nutritional Deprivation in the Midst of Plenty	Nutritional Deprivation in the Midst of Plenty – An Attempt to Create Awareness	Nutritional Deprivation in the Midst of Plenty – An Attempt to Create Awareness	National	2016	ISBN 978-93-83010-27-1		Dpt. of Food and Nutrition, Raidighi College
2	Debasmita Pathak	NA	Development of process / steps for making protein nanoparticles	Recent Trends in Research of Nutrition Science	Recent Trends in Research of Nutrition Science	National	2012	ISBN 978-81-921808-5-4		Dpt. of Food and Nutrition, Barrackpore Rastraguru Surendranath College

Seminars, Symposiums, Leadership programmes attended:

- **Oral presentation:**

1. Paper presented on ‘**Utilization of Raw and Ripe Mango Peel as a quality improver in Gluten Free Bread making**’, in **International Conference on “5th India Biodiversity Meet 2018”** organized by Agricultural and Ecological Research Unit of Indian Statistical Institute, Kolkata, during 15th – 17th March, 2018.
2. Paper presented on ‘**Study on functional and rheological characteristics of gluten free flour and dough system using raw and ripe mango peel in combination**’ in **International Conference on Emerging Technologies in Agricultural and Food Engineering** organized by Dept. of Agricultural and Food Engineering, Indian Institute of Science Kharagpur, during 27th – 30th December, 2016.

3. Paper presented on '**A comparative study between raw and ripe mango seed kernel as a source of natural antioxidant**', in **All India Seminar** on "**Post Harvest Management of Fruits and Vegetables**" organized by Agricultural Engineering Division, West Bengal State Centre, The Institution of Engineers, during 1st & 2nd June, 2016.
4. Paper presented on '**A study to create awareness towards tropical fruit waste as a source of natural antioxidant**', in **National Seminar** on **Nutritional Deprivation in the Midst of Plenty – An Attempt to Create Awareness**, organized by Dept. of Food & Nutrition, Raidighi College in collaboration with Dept. of Botany, Raidighi College and Dept. of Microbiology, Sarsuna College, during 22nd & 23rd September, 2015.
5. Paper presented in **National Seminar** on "**Recent Trends in Research of Nutrition Science**" organized by Dept. of Food & Nutrition, Barrackpore Rastraguru Surendranath College in collaboration with Dept. of Food & Nutrition, West Bengal State University in 2012.

• **Posterpresentation:**

1. Poster presented on '**Optimization of ripe mango peel fortification level in bread using response surface methodology**', in **International Conference on Recent Advances in Food Processing and Biotechnology**, organized by Centre of Food Science and Technology, Institute of Agricultural Sciences, Banaras Hindu University, during 5th & 6th April, 2016.
2. Poster presented on '**Characterization of ripe mango peel as a source of natural antioxidant**', in **National Science Meet – 2016**, organized by Dept. of Food & Nutrition, Hiralal Mazumdar Memorial College for Women in collaboration with West Bengal State University, during 2nd & 3rd March, 2016.

Leadership programme attended: NA

Administrative Experiences:

Membership of Professional bodies: NA

Others:

Administrative experiences outside the College: NA