

**Contact information:**

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Dr. Ruma Dutta

**Current attachment**

**Designation:** State aided college teacher (SACT-1) in the Dept. of Nutrition.

**Organization:** Bejoy Narayan Mahavidyalaya, Itachuna, Hooghly, W.B.

**Status:** Permanent (Dept of Higher Education, Govt. of W.B approved)

**Academic achievements**

* Secured first class second position in the graduation.
* Passed the National Eligibility Test (NET) for lectureship in Home Science.
* Awarded Doctor of Philosophy (Ph.D) in Science from Indian Institute of Engineering Science and Technology (IIEST), Shibpur.

**Academic qualification**

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| **Examinations** | **Board/University** | **Year of passing** |
| Ph.D | IIEST, Shibpur | 2021 |
| M.Sc | IIEST, Shibpur | 2012 |
| B.Sc | Burdwan University | 2010 |
| H.S | WBCHSE | 2007 |
| Madhyamik | WBBSE | 2005 |

**Title of Ph.D thesis**

**Microbial process technology development for the production of some macro and micro nutrients.**

**List of publications**

* Ruma Dutta, Manisha Maity & Jayati Bhowal\*. (2020). **Production Of Medium Chain Fatty Acid Rich Single Cell Oil Using Whole De-Oiled Mustard Meal From Soil Fungus**. *Indian Journal of Biochemistry & Biophysics*. (**Accepted**)
* Ruma Dutta, Jayati Bhowal\* & Dipak. K. Bhattacharyya. (2020). **Fungal Production Of Single Cell Oil Using Defatted Oil Seed Meal As Feedstock**. *Advances in Bioprocess Engineering and Technology,* Lecture Notes in Bioengineering, 51-65; <https://doi.org/10.1007/978-981-15-7409-2_6>

**Semiar/Workshop**

* Oral presentation “**Deodorization of vegetable oils by microbial processing**” in the **International webinar on Impact Of The Digital Revolution On Pharma And Healthcare (DIGIPH-2k21),** IIEST, Shibpur, **2021.**
* Oral presentation “**Fungal production of Single Cell Oil using defatted oil seed meal as feedstock**” in the **2nd International conference on Advances in Bioprocess Engineering and Technology**, (ICABET 2020), Kolkata **2020.**
* Oral presentation “**Production of low calorie microbial lipid**” in the event of **International Conference on Global Trends in Pure and Applied Chemical Sciences** organized by SRM University in association with Asian Publication Corporation, NCR Campus, Ghaziabad, Uttar Pradesh, December 8-9, **2017**
* Workshop on “**Skill up gradation training on Oils & Fats analysis for entrepreneurs**”, sponsored by the Dept. of Science & Technology, Govt. of W.B.