

**Name: Moitreyee Banerjee Chakrabarty**

**Contact:** 9851670794

**Qualification:** PhD

**Designation:** ASSISTANT PROFESSOR IN ZOOLOGY

**Teaching Experience (in years):** UG: 11

**Research Experience (in years):** 10

**Date of Joining Present Institution:** 02.03.2015

**Institutions/Companies Previously Served:**



| Name of Institution/Company | Designation         | Tenure            |                 |
|-----------------------------|---------------------|-------------------|-----------------|
|                             |                     | From (DD-MM-YYYY) | To (DD-MM-YYYY) |
| Durgapur Govt. College      | Assistant Professor | 02-03-2015        | 12-06-2015      |
| Keshiary Govt. College      | Assistant Professor | 13-06-2015        | 07-12-2015      |
| Durgapur Govt. College      | Assistant Professor | 08-12-2015        | Till date       |

**Examinations cleared:** NET-CSIR [June, 2010 (UGC Rank 282/888); December, 2010 (CSIR Rank 35/778); June, 2011 (CSIR Rank 11/720); December, 2011 (CSIR Rank 20/789); June, 2012 (CSIR Rank 39/644); June, 2014 (UGC Rank 66/832)] and GATE (2010 and 2011).

**Specialization/Research Interest:** Molecular Biology and Genetics

#### Awards & Recognitions

June, 2010 (UGC Rank 282/888);  
December, 2010 (CSIR Rank 35/778);  
June, 2011 (CSIR Rank 11/720);  
December, 2011 (CSIR Rank 20/789);  
June, 2012 (CSIR Rank 39/644);  
June, 2014 (UGC Rank 66/832).

**S.R.F** From 01.03.2013 to 28.02.2015

**Ph.D.,** 13<sup>th</sup> August, 2020

1. Won 1<sup>st</sup> Prize under the category of oral presentation competition (Technical session 6) in 2 days international conference on Advances in Pharmaceutical and Health Sciences (APHS 2021) during 7<sup>th</sup> – 8<sup>th</sup> October 2021 organized by KIET School Pharmacy, KIET School of institutions, Delhi-NCR, Ghaziabad in collaboration with CSIR Indian Institute of Toxicological Research Lucknow, India.

## Publications

(Please follow the format of the example)

### Journals:

1. Ray S, Kundu LM, Goswami S, Roy GC, Chatterjee S, Dutta S, Chaudhuri A, Chakrabarti CS (2013) Metaphase arrest and delay in cell cycle kinetics of root apical meristems and mouse bone marrow cells treated with leaf aqueous extract of *Clerodendrum viscosum* Vent. *Cell Proliferation* **46**(1), 109-117.
2. Ray S, Chatterjee S, Chakrabarti CS (2013) Antiproliferative activity of allelochemicals present in aqueous extract of *Synedrella nodiflora* L. Gaertn. in apical meristems and Wistar rat bone marrow cells. *IOSR Journal of Pharmacy* **3**(2), 1-10.
3. Chaudhuri A, Kundu LM, Dutta S, Chatterjee S, Goswami S, Roy GC, Ray S (2015) Allelopathic effects of aerial parts' aqueous extract of *Ampelocissus latifolia* (Roxb.) Planch. in apical meristem cells. *Asian Journal of Plant Science and Research* **5**(3), 11-16.
4. Chaudhuri A, Chaudhuri A, Chatterjee S, Ray S (2018) Wild grape plants: a natural resource of bio-herbicides in terms of allelopathic and cell cycle kinetics modulating activities. *Genius* **6**(2), 158-170.
5. Chatterjee S, Ray S (2019) Clastogenic and cytotoxic effects of aerial parts' aqueous extract of *Synedrella nodiflora* (L.) Gaertn. On Wistar rat bone marrow cells. *Caryologia* **72**(3), 87-95.

## Guidance of Ph.D Scholars

(Please follow the format of awarded and registered students of the two examples)

NIL

## Sponsored Research projects

NIL

## Guidance of M.Sc. Projects

(Please follow the format of the example)

NIL

## Invited Lectures

(Please follow the format of the example)

Nil

## Paper Presentation in seminar/conference/symposium/workshop/discussion meeting

(Please follow the format of the example)

1. Paper Presentation on "Study Of Aerial Parts' Aqueous Extract Of *Synedrella nodiflora* Induced Toxicity On Dalton's Ascitic Lymphoma Cells *In Vitro*" in the International "Science Seminar"

- held on 10-10-2017 organized by Burdwan Raj College and Indian Chemical Society.
2. Paper Presentation on "Evaluation of Antiproliferative and Cytotoxic Effects of Aerial Parts' Aqueous Extract of *Synedrella nodiflora* (L.) Gaertn. On Wister Rat Bone Marrow Cells" in the 2<sup>nd</sup> Regional Science and Technology Congress (Western Region), 2017 held on 16-11-2017 to 17-11-2017 organized by The University of Burdwan, Burdwan and Department of Higher Education, Science and Technology and Biotechnology, Government of West Bengal.
  3. Paper Presentation on "Evaluation Of Cytotoxic Effect Of Aerial Parts Aqueous Extract Of *Synedrella nodiflora* (L.) Gaertn. On Wistar Rat Bone Marrow Cells *In Vitro*" in the International Science Seminar on "Science: Past, Present and Future" held on 12<sup>th</sup> December, 2017 organized by Syamsundar College and Indian Chemical Society.
  4. Paper Presentation on "Evaluation of antiproliferative and cytotoxic effects of aerial parts' aqueous extract of *Synedrella nodiflora* (L.) Gaertn." in the First International Conference on "Frontiers in Biological, Environmental, and Medical Sciences" held on 08-03-2018 to 10-03-2018 organized by The University of Burdwan, Burdwan.
  5. Paper Presentation on "Assessment of *Synedrella nodiflora* (L.) Gaertn. induced delay in cell cycle kinetics and cytotoxicity on Wistar rat bone marrow cells: an *in vivo* study" in the One day National Seminar on "Traditional knowledge and practice in Eastern India" held on 15-03-2018 organized by Bankura Christian College, Bankura.
  6. Paper Presentation on "Assessment of *Synedrella nodiflora* (L.) Gaertn. induced retardation in cell cycle kinetics and cytotoxicity on Wistar rat bone marrow cells: an *in vivo* study" in the One Day National Seminar on "Biodiversity Conservation and Bio Resource Management: Benefitting Man and Nature" held on 11-12-2018 organized by Bankura Sammilani College, Bankura.
  7. Paper Presentation on "Cytotoxic Effect of Aerial Parts Aqueous Extract of *Synedrella nodiflora* (L.) Gaertn. on Wistar Rat Bone Marrow Cells" in Golden Jubilee International Conference on Trends in Zoology held on 03-01-2019 to 04-01-2019 organized by Department of Zoology, The University of Burdwan, Burdwan.
  8. Paper Presentation on "Evaluation of allelopathic potential of hydromethanolic extracts of *Synedrella nodiflora* (L.) Gaertn. on root apical meristem cells" in the Conference on Celebration of International Year of Periodic Table and National Conference on "Chemistry for sustainable Development" (CSD 2019) held on 26-11-2019 to 27-11-2019 organized by Department of Chemistry, Sidho-Kanho-Birsha University, Purulia, West Bengal in collaboration with Indian Chemical Society.

### Participation in faculty development programmes

(Please follow the format of the example)

1. Successfully completed a 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from June 26 - July 24, 2020 and obtained grade A+ at Teaching Learning Centre, Ramanujan College University of Delhi **under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING**
2. Successfully completed a 2-Week Faculty Development Programme on "MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0" from July 15 - August 10, 2020 and obtained grade A+ at Teaching Learning Centre, Ramanujan College University of Delhi **under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING**

3, *Participated in Refresher Course in Bioscience, Bioengineering and Nanotechnology from 2nd to 15th December 2025 and obtained Grade 'A' in* **UNIVERSITY GRANTS COMMISSION Malaviya Mission Teacher Training Centre (MMTTC) UNIVERSITY OF CALCUTTA**

**Organization of events (Durgapur Government College)**

**(Please follow the format of the example)**

1. NIL