**

*Dr Geetanjali Dutta Mallik*

Mobile: +91- 7319176871

Email: [dutta.geetu90@gmail.com](mailto:dutta.geetu90@gmail.com)

**CAREER OBJECTIVES**

To work in an organization or institution with an educational work driven environment where I can utilize and apply my knowledge and skills for the development of both the organization and myself.

**EDUCATIONAL QUALIFICATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Qualification** | **Institute** | **Board/University** | **Year** | **Percentage** |
| **Ph.D in Environmental Science** | Burdwan University | The University of Burdwan | 2019 | |
| **Bachelors in Education (B.Ed)** | Arya College of Education | Maharshi Dayanand University | 2015 | 64.4 |
| **M.Sc. Environmental Science**  **(Post graduation)** | The University of Burdwan-Department of Environmental Science | The University of Burdwan | 2013 | 77.17 |
| **B.Sc.**  **Environmental Science (Honours)** | Nistarini Women’s College | The University of Burdwan | 2011 | 61.4 |
| **Higher Secondary** | Santamoyee Girls' High School | WBCHSE | 2008 | 63.2 |
| **Madhyamik** | Santamoyee Girls' High School | WBBSE | 2006 | 73.5 |

**TEACHING EXPERIENCE**

More than one years of teaching experience (August, 2017 – till the date) at [Maharajadhiraj Uday Chand Women's College, Burdwan. Use to teach Environmental Science compulsory at Graduate level and also involved in paper settings, copy evaluation and associated with other academic work.](http://mucwcburdwan.org/data/uploads/biodata%20teaching_2018/history/cv-anirban-dutta-his.docx)

**LABORTORY EXPERTISE**

* + - * Testing of Drinking Water, Wastewater, Soil, Sludge & Fly ash etc.
      * Air Pollutants monitoring and analysis.
      * GIS and Remote Sensing application in water and soil

**INSTRUMENTAL EXPOSURE**

* + - * Atomic Absorption Spectrophotometer, Flame Photometer, UV-VIS Spectrophotometer, Meteorological Equipments, Laminar Air Flow
      * High Volume Air Sampler for SPM, NOX and SOX

**PUBLISHED PAPERS IN JOURNAL**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl No.** | **Title** | **Journal** | **Year** | **Volume** | **Page No.** |
| 1. | Impact of Land-Use/ Land-Cover Changes and Hydro-Meteorological Phenomenon on Lake Biodiversity: A Case Study on Saheb Bandh Lake, India | Research Journal of Chemistry and Environment | 2019 | 23(10) | 36 – 45 |
| 2. | Lake Hydro Geochemistry: An Implication to Chemical Weathering, Ion-exchange Phenomena and Metal Interaction | Pollution | 2019 | 5(4) | 803-819 |
| 3. | Hydrochemical Evaluation of Water Quality and Trophic State Status of Saheb Bandh Lake, Purulia | Asian Journal of Multidisciplinary Studies | 2017 | 5(7) | 9-22 |
| 4. | Fluoride Enrichment in an Alluvial Aquifer with its Subsequent Effect on Human Health in in Birbhum District | Chemosphere | 2016 | 168 (2017) | 817-824 |
| 5. | Mechanism of Fluoride Mobilization in an Alluvial Aquifer: a  Kinetic Approach | International Journal of ChemTech Research | 2016 | 9(04); ISSN: 0974-4290 | 270-278 |
| 6. | Inferring the fluoride hydrogeochemistry and effect of consuming fluoride contaminated drinking water on human health in a endemic areas of Birbhum district, West Bengal | Environmental Geochemistry and Health | 2015 | 38(2) | 557–576 |
| 7. | Mechanism of fluoride mobilization through solid-solution interaction:  An experimental approach | Archives of Applied Science Research | 2014 | 6(4) | 21-27 |

**PUBLISHED PAPERS IN CONFERENCE (Full Paper)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl No.** | **Title** | **Name** | **Year** | **Volume** | **Page No.** |
| 1. | Effect of Land-Use/Land-Cover Over a Tropical Lake System | Third International Conference on Mother Earth: Environmental Crisis and Sustainable Strategies; Levant Book Publisher | 2018 | Vol-II; ISBN: 9789 384106973 | 383-392 |
| 2. | Hydrochemical Study and Assessment of Water  Quality of River Rangit, Sikkim | Second International Conference on Mother Earth: Save It to Achieve a Sustainable Future for All; Environica; Levant Book Publisher | 2014 | Vol-1; ISBN: 978-93-84106-14-0 | 136-142 |
| 3. | Removal of Fluoride from Aqueous Solution by Adsorption using White Clay: Kinetic and Kinetic and Thermodynamic approaches | Second International Conference on Mother Earth: Save It to Achieve a Sustainable Future for All; Environica; Levant Book Publisher | 2014 | Vol-1; ISBN: 978-93-84106-14-0 | 223-232 |
| 4. | Sediment geochemistry and release of fluoride in the Quaternary alluvial aquifer of Birbhum district, West Bengal | 4th International Conference on Hydrology and Watershed Management; Allied Publisher | 2014 | Vol-II;  ISBN: 978-81-8424-952-1 | 854-864 |

**PUBLISHED PAPERS IN CONFERENCE (Proceedings)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No.** | **Title** | **Name** | **Year** |
| 1. | Study of Geo-Environmental Status Around the Mithon Thermal Power Station (MTPS), Jharkhand, India | Third International Conference on Mother Earth: Environmental Crisis and Sustainable Strategies; Levant Book Publisher | 2018 |
| 2. | Hydrogeochemical Appraisal of Lake Nutrient and Pollution Load in Saheb Bandh Lake, West Bengal | National Seminar on Environmental Pollution, Biodiversity Conservation and Climate Change: Issues and Challenges | 2017 |
| 3. | Hydrogeochemical Characteristics and Trophic State Determination of Saheb Bandh Lake, Purulia, West Bengal | 2nd International Seminar on Environment and Society: Historical Perspectives and Contextual Reality | 2017 |
| 4. | Temporal change detection of trophic state status in Saheb bandh lake, Purulia | 24th West Bengal  State Science and Technology Congress, 2016 | 2016 |

**FIELD OF INTEREST**

* Teaching in Environmental Science
* Environmental Auditing
* Analysis of Air, Water & Soil

**TRAINING AND CERTIFICATION**

INDUSTRIAL VISIT: INDIAN IRON AND STEEL COMPANY (IISCO)

**EXTRA CURRICULAR ACTIVITY**

* **International Seminar (Participants):** Participated in the 2nd International Seminar on Environment and Society: Historical Perspectives and Contextual Reality, held on 28th March, 2017.
* **Science Congress:** 1st Regional Science & Technology Congress, 7th & 8th November, 2016.
* **International Seminar:** One day International Seminar on Environment, Public Health and GIS, 26th August, 2016
* **Hands-on training programme**: Quality standardization in air and water including detection of histotechnological parameters on 12-20th September, 2016.
* **International Seminar**: International Seminar on Environment, Public Health and GIS on 26th August, 2016.
* **Tier II Training Course-** Central Ground Water Board sponsored training course on “Sustainable Development and Management of Ground Water Resources” from 23.02.2015 - 27.02.2015.
* **Refresher Course (Interaction Programme):** UGC sponsored Refresher/Orientation Course from 4.09.2014-24.09.2014.
* **Science Congress:** as a perticipator at the 21st West Bengal State Science and technology Congress held at the University of Burdwan during 20-21 February, 2014.
* **Article:** 1 article published i.e., Lacustrine Environment: Its Pollution and Restoration. 2014. Souvenir, ICME-II. Mother Earth: Save it to Achieve a Sustainable Future for all, Burdwan.

**PERSONAL DETAILS**

**Name**: Dr Geetanjali Dutta Mallik

**Profession:** State Aided College Teacher (SACT-I)

**D.O.B**: 17/08/1990

**Sex**: Female

**Marital Status**: Married

**Nationality**: Indian

**Caste:** General

**Husband’s Name**: Mr. Arghyadip Mallik

**Communication Address:** C/o: Arghyadip Mallik, Post- Silda, Dist.- Jhargram, Pin- 721515, P.S.- Binpur, West Bengal

**Permanent address**: C/o: Arghyadip Mallik, Post- Silda, Dist.- Jhargram, Pin- 721515, P.S.- Binpur, West Bengal

**DECLARATION:**

I hereby declare that the above information is true to best of my knowledge.

**Date**: 29/07/2022

**Place**: Jhargram