

Name: Dr. Dola Chakraborty

Contact: 9007341473

Qualification: M. Sc. (from University of Calcutta) &
Ph.D (Jadavpur University)

Designation: Assistant Professor in Geology

Teaching Experience (in years): 09 years (UG &PG)

Date of Joining Present Institution: 25/05/2015

Institutions/Companies Previously Served: NIL

Examinations cleared: NET-JOINT CSIR-UGC

Specialization/Research Interest: Geology



Courses taught

UG: Earth system science, Mineralogy, Igneous petrology, Stratigraphy

PG: Igneous petrology, Oceanography and Hydrogeology

Publications

Journals:

1. **Dola Chakraborty***, B. K. Saha (2021) Heavy minerals from Gopalpur Coast, Odisha with special reference to Ilmenite: Implication to provenance, *Journal Geological Society of India*, Vol. 97, Page 859-866.
2. **Dola Chakraborty***, P. Saha (2020) Vulnerability assessment for Sagar Island coast, West Bengal with respect to inundation hazards, *Indian Journal of Geo Marine Sciences*, Vol. 49, No. 9, Page 1521-1527.
3. **Dola Chakraborty***, B. K. Saha and S. Hazra, (2019) Sediment character of beach-dune complex of Gopalpur coast, Orissa. *Indian Journal of Geosciences*, Vol. 73, No. 1, Page 25-38.
4. **Dola Chakraborty***, B. K. Saha and S. Hazra, (2017) Geomorphology and sediment character of beach-dune complex along Udaipur, Shankarpur and Junput coasts, West Bengal. *Indian Journal of Geosciences*, Vol. 71, No. 2, Page 413-428.
5. Mousumi Banerjee, J. Ray, N. Adhikary, S. Nandy, C. Manikyamba, M. Paul, **D. Chakraborty**, A. Eslami, (2016). Experimental Studies to Constrain Parental Magma of Malangtoli Volcanics from Singhbhum Craton of the Eastern Indian Shield, *Journal Geological Society of India*, Vol. 88, Page 245-255.
6. **Dola Chakraborty*** et. al., (2016) Role of Clays in recycling methods of toxic and non toxic waste, *Indian Science Cruiser, Inst of Sci, Edn& Cult, Kolkata 700017*, Vol. 30, No 1, Page 14-19.
7. **Dola Chakraborty*** et. al., (2012) Ceramic with it's uses in both of traditional & modern aspect, *Indian Science Cruiser, Inst of Sci, Edn& Cult, Kolkata 700017*, Vol. 26, No 5, Page 18-22.

Book:

Title: Clay Minerals
Their Antimicrobial and Antitoxic Applications

Author: Bhaskar Ghosh and Dola Chakraborty

Year: 2023

Publisher: Springer

ISBN 978-3-031-22326-6

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Conference Proceedings:

1. **Dola Chakraborty**, Historical background behind the innovation of science, the International Webinar on "History of Science" organized by Department of Chemistry, Shri Shikshayatan College and Institute of Science, Education and Culture (ISEC) in collaboration with Indian Chemical Society, July 27-28, 2020
2. **Dola Chakraborty**, Quaternary sea level fluctuation along with sedimentation pattern of different sectors of north-eastern coast, India, International Virtual Conference on "Earths Changing Climate: Past, Present & Future" organized by The Society of Earth Scientists and co-organized by Birbal Sahni Institute of Palaeosciences, Lucknow Indian Institute of Tropical Meteorology, Pune National Centre for Polar and Ocean Research, Goa National Institute of Disaster Management, Delhi National Institute of Advanced Studies, Bengaluru, October 15-17, 2020.
3. **Dola Chakraborty**, Nature and sediment pattern of sand dunes along Udaipur coast, 8th International Science Conference: World Science Congress, Jadavapur University, November 21-23 2018, Page 33-34.
4. **Dola Chakraborty** and S. Mukherjee, Application of Clays in industrial products, National Conference on "Advances in Clay Science towards Agriculture, Environment and Industry", The Clay Mineral Society of India, September 14-15, 2018, Page 20.
5. S. Mukherjee and **Dola Chakraborty**, Modified clays in waste management and environmental protection: an overview, 20th Annual Convention & the national Conference on "Harnessing clay science for human welfare" Organised by The clay mineral society of India: February 17-18, 2017, Nagpur, India. Page 21-22.
6. S. Mukherjee, B. Ghosh, **Dola Chakraborty**, The Smectite-Illite Transformation Reaction, 23rd West Bengal State Science & Technology Congress, 2016, Page 490.
7. **Dola Chakraborty**, Application of Clays in Controlling Salinity and Soil Dgradation, 18th Annual Convention and National Symposium on "Application of Clay Science in Agriculture, Environment and Industry": September 27-28, 2013, New Delhi., Page 36.

Guidance of M.Sc. Projects

1. Gulshan Parbin (2015-2016), Studies of sediment character of beach dune complex in and around bakkhali coast, West Bengal.
2. Md Jabir Hussain (2016-2017), Studies of sediment character and beach morphology in an around Bakkhali coast, West Bengal.
3. Debabrata Mondal (2017-2018), Studies of beach morphology and sediment character in an around Udaipur coast, West Bengal.
4. Diya bhattacharjee (2020-2021), Studies of beach morphology and sediment character in and around sagar island coast, west Bengal.
5. Sadhna kumari mahato (2020-2021) Sediment character and beach morphology in and around bakkhali coast of west bengal.
6. Sritama barman (2020-2021) Geomorphology and sediment character of fraserganj coast of west Bengal.

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

1. Oral Presentation on "Nature and sediment pattern of sand dunes along Udaipur coast, West Bengal" in the 8th International Science Conference held on Nov 21-23, 2018 organized by Jadavpur University. [*Awarded Outstanding performance excellence in the oral presentation competition*]
2. Oral Presentation on "Historical background behind the innovation of science" in the International Webinar on "History of Science" held on 27th and 28th July 2020, organized by Department of Chemistry, Shri Shikshayatan College and Institute of Science, Education and Culture (ISEC) in collaboration with Indian Chemical Society.
3. Oral Presentation on "Quaternary sea level fluctuation along with sedimentation pattern of different sectors of north-eastern coast, India" in the International Virtual Conference on "Earths Changing Climate: Past, Present & Future" held on from 15th to 17th October, 2020, organized by The Society of Earth Scientists and co-organized by Birbal Sahni Institute of Palaeosciences, Lucknow Indian Institute of Tropical Meteorology, Pune National Centre for Polar and Ocean Research, Goa National Institute of Disaster Management, Delhi National Institute of Advanced Studies, Bengaluru.

Participation in faculty development programmes

1. Orientation programme from 06/02/2019 to 06/03/2019 organized by UGC-HRDC, Jadavpur University.
2. Refresher course on Ethics, Value, Culture and Society from 06/09/2019 to 19/09/2019 organized by UGC-HRDC, University of Burdwan.
3. Refresher course on History and Culture of India from 12/09/2023 to 25/09/2023 organized by UGC-MMTTC, Mizoram University.
4. NEP 2020 Orientation & Sensitization Programme-7 under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC) organized by The University of Burdwan from 5th March 2024 to 14th March 2024.