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YOUTH AWARD FOR ACADEMIC DISTINCTION, 2022 ACCREDITATION

Dr. Nivedita Chakraborty, Assistant Professor of Geology (W.B.E.S.), Kabi Jagadram Roy Govt. General Degree College, Mejia, Bankura, West Bengal, India - A Profile

Dr. Nivedita Chakraborty, a young sedimentologist, passed B.Sc. from the University of Burdwan in 2007 and M.Sc. from Jadavpur University in 2009 both with first class. She qualified GATE (Graduate Aptitude Test in Engineering) in 2009 and joined Jadavpur University for her Ph.D. degree. She was awarded a Ph.D. degree in 2016. Her Ph.D. topic was "Barremian-Coniacian Sediments and Sequence Building in the Pondicherry Sub-Basin of Cauvery Basin, India". She secured 2nd position in the Public Service Commission, Govt. of West Bengal in the year 2015 and joined Kabi Jagadram Roy Government General Degree College in Bankura as an Assistant Professor of Geology. Since then she is in the teaching profession and has established herself as a good teacher among her students. Her research expertise straddles the boundary between pure sedimentology, applied sedimentology, and basin analysis. She has an interest in Cretaceous marine and non-marine sedimentation pattern and their interaction with biota. Her contributions coupling sedimentology and sediment geochemistry have placed her in a decent position among the Earth Scientists in India. The present focus of her research is on palaeo-environmental and palaeoclimatic change across the Permo-Triassic Boundary in Damodar Valley. She has experience in fieldwork in different Proterozoic and Phanerozoic Basins in India and modern depositional environments along the East Coast of India. She has visited the Cretaceous succession of the Cauvery Basin and Kutch Basin, the Siwaliks of Eastern Himalaya, Proterozoic Vindhyan, and Kaladghi Basin, and published research papers. She has an impressive publication list in her thirteen years of research career: 11 full papers in different peer-reviewed journals rated highly among the international Earth Scientists' community including the Journal of Marine and Petroleum Geology, Journal of Paleogeography, Journal of Asian Earth Science, Journal of Geological Society of London; 05 chapters in different Elsevier and Springer published books; 01 book review and 14 conference proceedings. She has been awarded for the best presentation in Young Scientist Category at the 3rd International Palaeogeography Conference held in China in the year 2017. She is Governing Council Member of the Indian Association of Sedimentologists (IAS) since 2016 and a member of the Society for Sedimentary Geology (SEPM) since 2013. She served as a founding member of the International Society of Palaeogeography (ISP) in 2019, a SEPM Student Member of Wilson Award Selection Committee in 2015, and a student member of the Geological Society of America (GSA) from 2010-2011. She has served as a reviewer of several reputed international and national journals including the Journal of Arabian Geoscience, Journal of Palaeogeography, Society of Earth Scientists Series (Springer), and Journal of Indian Association of Sedimentologists. She has delivered lectures at different national and international conferences in India and abroad. She participated in Science Academies' Refresher Course on "Modern and ancient environment and ecology: Sediments and biota" in 2017 and an Orientation programme at HRDC, Jadavpur University in 2019. She has organised a two-day National Seminar (virtual mode) on "Modern trends in Earth Sciences" in November 2021 and a One Day International Online Workshop on "Fundamentals of Planetary Science: Methods and Scopes" in June 2022 besides different academic and awareness programmes related to student activities in her college.

Considering the innovative, impressive, outstanding and applied contribution to Geoscience, **Dr. Nivedita Chakraborty** is conferred with the **YOUTH AWARD FOR ACADEMIC DISTINCTION, 2022** on the recommendation of the jury constituted of eminent geoscientists of our country and abroad under the aegis of the CEHESH TRUST OF INDIA.

Dr. B. Mishra

On behalf of the CEHESH TRUST OF INDIA