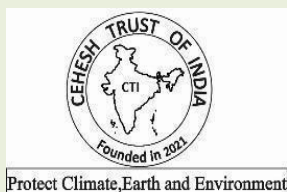


# CEHESH TRUST OF INDIA



Acronym CEHESH stands for Climate, Earth, Health,  
Environmental Sciences and HUMANITY

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## CEHESH TRUST OF INDIA YOUNG SCIENTIST AWARD FOR EXCELLENCE IN EARTH SCIENCES, 2025

In recognition of her outstanding contribution to the field of Earth Science.

The CEHESH TRUST OF INDIA, with profound admiration and solemn pride, takes great pleasure in celebrating the distinguished accomplishments of **Dr. Dola Chakraborty**, Assistant Professor in the Department of Geology, Sister Nibedita Government General Degree College for Girls (affiliated to the University of Calcutta), West Bengal, India. This citation is a tribute to her exemplary scholarship, unwavering commitment to scientific inquiry, and her enduring contributions to the advancement of Earth Science in service of academia and society. Dr. Chakraborty's academic journey is marked by intellectual rigor and scholarly distinction. She holds undergraduate and postgraduate degrees in Geology and earned her Doctorate in Oceanography, with doctoral research focusing on the *Geomorphology and sedimentological characteristics of beach-dune complexes across various sectors of the north-eastern coast of India*. Her pioneering investigations into heavy mineral assemblages and the science of clays have significantly enriched contemporary geological literature and earned recognition through esteemed scholarly publications. In recent years, her research has been devoted to **geoscientific studies and vulnerability assessment along the fragile and dynamic coastline of Sagar Island**, addressing pressing environmental and societal challenges.

An accomplished scientist and educator, Dr. Chakraborty specializes in Igneous Petrology and Coastal Geological Studies. With over 15 years of professional expertise in Geological Sciences and more than a decade of dedicated teaching experience at undergraduate and postgraduate levels in Government colleges of West Bengal, she has consistently demonstrated academic leadership, pedagogical excellence, and mentorship of the highest order. Her research credentials are further distinguished by her involvement in a Major Research Project sponsored by the Ministry of Earth Sciences, Government of India. She has successfully supervised 15 M.Sc. dissertations, nurturing the next generation of geoscientists with scholarly integrity and inspiration. Her prolific academic output includes numerous research papers published in SCI, Web of Science, and Scopus-indexed journals, reflecting both depth and breadth of scientific contribution.

Dr. Chakraborty is also the author of the authoritative volume **"Clay Minerals, Their Antimicrobial and Antitoxic Applications"** (Springer, 2023), a seminal work that illuminates the scientific principles and innovative applications of clay minerals in combating microbial contamination and neutralizing toxic substances. The book underscores the transformative role of clay minerals in **environmental remediation, public health protection, and sustainable materials science**, and stands as a testament to her interdisciplinary vision and global scientific relevance. In recognition of **Dr. Chakraborty's unparalleled contributions to Earth Science**, particularly in the realms of **Oceanography, Coastal Geomorphology, and Vulnerability Assessment**, the CEHESH TRUST OF INDIA is honoured to confer upon her the **CEHESH TRUST OF INDIA YOUNG SCIENTIST AWARD FOR EXCELLENCE IN EARTH SCIENCE - 2025**. This prestigious national honour stands as a resounding affirmation of her tireless dedication, innovative spirit, and profound impact on the scientific community and society at large. May Dr. Dola Chakraborty continue to scale new heights of achievement, illuminate the frontiers of Earth Science, and inspire generations through her exemplary scholarship and service. The Trust extends its heartfelt congratulations and best wishes for her continued success and future endeavours.

Dr.B.Mishra,  
Patron and Managing Trustee  
CEHESH TRUST OF INDIA