

International Seminar on:

“Extremophiles: Unlocking the Potential of Nature’s Sturdiest Organisms”

Organised by

Department of Botany In association with IQAC

Ananda Chandra College, Jalpaiguri, West Bengal, India

On

25th — 26th April 2025

Venue: Seminar Hall, 2nd Floor, Annexure Building, ACC, Jalpaiguri —735101

The Department of Botany in collaboration with IQAC, Ananda Chandra College, Jalpaiguri is pleased to welcome you to the international seminar "Extremophiles: Unlocking the Potential of Nature’s Sturdiest Organisms“. Extremophiles — microorganisms that thrive in extreme environments such as high temperature, acidity, salinity and radiation have revolutionized scientific research and industrial applications. This seminar aims to explore their unique adaptations, ecological importance and biotechnological potential in areas such as medicine, agriculture and environmental sustainability. Through insightful discussions and expert presentations, this seminar will highlight the latest advances and applications of extremophiles in various scientific and industrial fields.

Join us as we delve into the world of nature’s toughest survivors and their groundbreaking impact on science and technology.

Registration link: <https://forms.gle/88sZKFcyPjhd4D8Z8>



Speaker

Dr. Aparna Banerjee



Speaker

Dr. Bomba Dam

Convenor
Mr. Suman Sen

Treasurer
Dr. Krishnendu Majhi

Organizing Secretary
Dr. Pushpanjali Ray
Dr. Krishnendu Majhi

Registration fee:

Faculty member: 200/-

Student: 100/-

Last date of registration **22nd April, 2025**

Contact: accbot89@gmail.com

Organizing Committee

Mr. Suman Sen

Dr. Pushpanjali Ray

Dr. Krishnendu Majhi

Ms. Ankita Biswas

Mrs. Srijani Bhowmik

Mr. Dipak Barman

Sri. Sumanta Modak

PROGRAMME SCHEDULE

Details of the Program		Time
25 th April 2025 (Friday)	Inaugural Session	12:00 pm
	Lecture 1 “Exploring unique adaptation strategies in halophiles lead to discovery of rare life forms including the tiniest nanoorganisms” Dr. Bomba Dam (Alumni, Department of Botany, ACC Jalpaiguri) Alexander von Humboldt Fellow (Germany) Assistant Professor, Department of Botany, Siksha Bhavana (Institute of Science), Visva-Bharati, Santiniketan – 731235, Bibhum, WB, India Session: Mr. Suman Sen Assistant Professor, Department of Botany, ACC, Jalpaiguri, WB, India	12:30 pm
	Break	1:45 pm
26 th April 2025 (Saturday)	Lecture 2 “Biotechnology of thermophiles from geothermal environments of Chile and Antarctica” Dr. Aparna Banerjee Full Professor, Institute of Applied Sciences, Faculty of Engineering, University Autónoma de Chile, Chile Session: Dr. Pushpanjali Ray Assistant Professor, Department of Botany, ACC, Jalpaiguri, WB, India	10.30 am
	Vote of Thanks	11:30 am