





**DEPARTMENT OF GEOGRAPHY  
ST. XAVIER'S COLLEGE, BURDWAN  
(AFFILIATED TO THE UNIVERSITY OF BURDWAN)**



An Extension lecture  
on  
**'Integration and Implementation Sciences:  
Potential and Possibilities in Knowledge to  
Action Framework'**

 **April 13<sup>th</sup>, 2024 (Saturday),  
Time: 12pm**

 **Seminar Hall,  
Academic Building, SXCB**



**DR. JENIA MUKHERJEE**  
ASSOCIATE PROFESSOR,  
DEPARTMENT OF HUMANITIES AND  
SOCIAL SCIENCES,  
INDIAN INSTITUTE OF TECHNOLOGY (IIT),  
KHARAGPUR

*Flyer: Integration and Implementation Sciences: Potential and Possibilities in Knowledge to Action Framework*

*You tube Link:* <https://youtu.be/nM14CJarPi0?si=Idvt0m7TAUOUKvIH>

## Report

**Title: *Integration and Implementation Sciences: Potential and Possibilities in Knowledge to Action Framework***

**Keynote Speaker name and affiliation:** Dr. Jenia Mukherjee, Associate Professor, Indian Institute of Technology (IIT), Kharagpur

**Date:** 13.4.2024

**Time:** 12.00 PM onwards

**Venue:** Seminar Hall, Academic Building

**Total No. of Participants:** 76

**You tube Link:** <https://youtu.be/nM14CJarPi0?si=Idvt0m7TAUOUKvIH>

**Learning Objectives:**

- Highlight the concept of I2S theory.
- Discuss the concept of Potential and Possibilities in Knowledge.
- Assess the impact of Action Framework in research.
- Highlight conservation programmes aiming at sustainability.

**Session Details:** The Department of Geography, St. Xavier's college Burdwan organised an extension Guest Lecture on '*Integration and Implementation Sciences: Potential and Possibilities in Knowledge to Action Framework*' on 13<sup>th</sup> April, 2024 at Seminar Hall (Academic Building). The key note address was delivered by Dr. Jenia Mukherjee, Associate Professor, Indian Institute of Technology (IIT), Kharagpur. Rev. Fr. Dr. G.Paul Arockiam S.J., Principal, St. Xavier's College inaugurated the programme by watering the plants.

**Learning outcomes:** An insightful lecture on the importance of I2S model (integration and implementation sciences) and impact of action research in research was delivered by Dr. Jenia Mukherjee. Later she described discussed the various approach in Anthropocene period. Throughout the session she describes how action research can play a significant role in research field. Dr. Mukherjee has also described about the awareness of the people and also importance of participatory method in research. Ethnographic approach with experimentation has also been

discussed by her. Ontology was also the main objectives in her lecture. She has also highlighted the concept of epistemology. She has also described how from knowledge can make a bridge to reduce the gaps in disaster risk reduction specially in Sunderban area, West Bengal. She has also outlining the need for a more integrative process consisting of bottom-up and top-down actions, local and scientific knowledge. In the final section she addresses issues to be overcome in order to implement the aforementioned title and also discuss the future ways to bridge gaps between bottom-up and top-down actions.

During the next section of the program, the audience asked the speaker various questions about different aspects of I2S theory. The discussion aimed to help the audience gain a better understanding of the theme and its scientific significance. The event was attended by students and faculties from all departments, who actively participated in the discussion.

***Other Associated Activities:*** Dr. Jenia Mukherjee and Rev. Fr. Dr. G.Paul Arockiam S.J., Principal, St. Xavier's College has also inaugurated the Departmental Wall Magazine, named: A chronical journey of District Bardhaman and its Famous historical sites. They have also inaugurated the departmental Practical Laboratory Manual Book under CBCS system. At last, Dr. Mukherjee has also attended in a plantation programme to increase the awareness of the environment in the college campus.

## GLIMPSES OF THE EVENT



**Fig 1 : Inauguration by Watering the plant**



**Fig 2 : Felicitating the Resource Person, Dr. Mukherjee**



**Fig 3 : Inaugurating Departmental Wall Magazine**



**Fig 4 : Inaugurating Departmental Practical Laboratory Manual Book**



**Fig 5 : Delivering Lecture by Dr. Mukherjee**



**Fig 6 : The Audience/Participants**



*Fig 7 : Token of Thanks to Dr. Mukherjee*



*Fig 8 : WE, the Geography Department with Dr. Mukherjee*



*Fig 9 : Faculty of the Geography Department with Dr. Mukherjee*



*Fig 10 : Dr. Mukherjee visit the Geography Department*



*Fig 11 : Plantation by Dr. Jenia Mukherjee in our Campus*