

Kabi Jagadram Roy Government General Degree College



Resource Person:

Dr. Subir Sarkar
Professor

Department of Geological Sciences
Jadavpur University, Kolkata

Department of Geology

(with IQAC) organizes

A one-day Workshop

on

“Learning Modern Riverine Sediments in Damodar Basin”

Date: March 11, 2024(Monday); Time: 11.00 hrs.

Venue: At the bank of river Damodar beside the college

Patron

Sri Alope Kumar Das
Officer-in-Charge
Dr. AseshKumar Maji
IQAC Coordinator & HOD
(Geology)

Organizing Committee

Dr. Nivedita Chakraborty
(Coordinator)
Ms. Indrani Mondal
(Jt. Coordinator)



Government of West Bengal
Kabi Jagadram Roy Government General Degree College
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Department of Geology

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No: 06/0324/Geol- KJRGGDC

Date: 09/03/2024

NOTICE

This is for information to all of you that Department of Geology is going to organize three academic events from March 11.03.2024. The details of the events are as follows:

Sl. No.	Date & Time	Venue	Event	Resource person
1	11/03/2024 (Monday); 11AM	River sand beds within Damodar Basin, Shyampur (Mejia)	A one-day Workshop on “Learning Modern Riverine Sediments in Damodar Basin”	Dr. Subir Sarkar Professor Department of Geological Sciences, Jadavpur University, Kolkata
2	11/03/2024 (Monday); 3.30PM	Room No. 301	A Carrier counselling programme and interactive session for students on prospects of Earth science in academia.	

The events will be conducted by Dr. Nivedita Chakraborty (Convener) and Ms. Indrani Mondal (Jt. Convener). All interested students and teachers are cordially invited to attend the Seminar.

Maaji

09/03/2024

Head

Department of Geology

Dr. ASESH KUMAR MAJI, W.B.E.S
Associate Professor of Geology
Kabi Jagadram Roy Government General Degree College
Mejia-722143, Dist-Bankura, W.B.

Copy forwarded to:

- (1) The Officer-in-Charge, Kabi Jagadram Roy Government General Degree College, Mejia – for information and further necessary action.

A brief report on one-day Workshop
on
“*Learning Modern Riverine Sediments in Damodar Basin*”
organized by,
Department of Geology
Kabi Jagadram Roy Government General Degree College
Mejia, Bankura-722143, W.B., India

Date: March 11, 2024 (Monday); Time: 11.00AM

A one-day workshop on "Study of Modern Sediments in the Damodar River Basin" was organized by the Department of Geology, Kabi Jagadram Roy Government General Degree College, Mejia, Bankura-722143, W.B. on March 11, 2024, at 11:00 AM. The seminar commenced with a welcome address by Nivedita Chakraborty, Assistant Professor in the Department of Geology. Dr. Chakraborty emphasized the significance of the seminar and the need for such academic initiatives. She extended a warm welcome to all dignitaries, including Prof. Alope Kumar Das, Officer-in-Charge of KJRGDC; Prof. Subir Sarkar, Resource Person and Professor at Jadavpur University; Dr. Alesh K. Maji, Associate Professor, IQAC Co-ordinator, and Head of the Department of Geology; as well as faculty members, students, and non-teaching staff.

The workshop was officially inaugurated by the Chief Patron, Prof. Alope Kumar Das, Officer-in-Charge of KJRGDC. In his inauguration speech, Prof. Das highlighted the importance of such educational initiatives, expressed his support for the organizing committee, and encouraged students to actively engage in the seminar's proceedings. He also welcomed the delegates and participants, conveying his commitment to fostering collaborative academic efforts.

Following the inauguration, Prof. Subir Sarkar began the classroom session by introducing the participants to the concepts of modern sediments. He provided valuable insights into the topic, laying the foundation for the upcoming fieldwork. The session was followed by a field visit to the banks and bars of the Damodar River, where participants had the opportunity to observe and study the sedimentary features directly.

Nivedita Chakraborty.

Indrani Mondal.

Organizing Committee

Participation:

The seminar was primarily organized for the students, particularly those from the Department of Geology, KJRGDC. In addition to the students from this department, students from Shahid Matangini Hazra Government General Degree College for Women also participated. A total of around 20 participants, including students from current batches and a few alumni of the Department of Geology, attended the workshop.

Seminar Objective:

The objective of the seminar was to provide a comprehensive understanding of how sediments move within a river system and how such knowledge can help predict erosion patterns, which are crucial for infrastructure, agriculture, and ecosystems. Analyzing sediment composition and structures aids in reconstructing the historical landscape and past environmental conditions of the basin. Identifying sediment sources and pathways is key to land-use planning, soil conservation, and erosion mitigation. Sediment analysis also helps assess pollution levels, playing a vital role in managing and restoring aquatic habitats. By comparing modern sediment characteristics with geological records, it is possible to infer past environmental changes. Understanding sediment dynamics is essential for managing river flow, flood behavior, and water resources. Insights from sediment studies are valuable for shaping policies that balance development with environmental conservation, promoting resilience to change. In summary, the study of modern sediments in the Damodar River Basin provides essential information for decision-making and natural resource management, taking into account the complex interactions between geomorphology, the environment, and human activities. With this in mind, the Department of Geology, Kabi Jagadram Roy Government General Degree College, organized the one-day workshop on "Study of Modern Sediments in the Damodar River Basin" to give undergraduate students an opportunity to learn about this specialized and topical subject in connection with their Sedimentology core paper under the CBCS curriculum.

Seminar Outcome:

The seminar received a spontaneous and positive response from the students, making it a memorable educational event. It offered participants the opportunity to learn about a crucial and fascinating topic with significant academic relevance and research potential, guided by an expert in the field. The participants were academically enriched through their interactions with the resource person. They also gained hands-on experience in identifying primary sedimentary structures during the field session, where they had the chance to understand the sedimentation processes and mechanisms in practice under the guidance of the resource person.

Nivedita Bhattacharya
Indrani Mondal

Organizing Committee



Nivedita Chakraverty.
Indrani Mondal.

Organizing Committee

Kabi Jagadram Roy Govt. General Degree College, MEJIA – 722143

Department of Geology
A One Day Field cum Workshop

on
“STUDY OF MODERN SEDIMENTS IN DAMODAR RIVER BASIN”

Date: 11.03.2024

Time: 10.00am

Sl. No.	Name	Affiliation	Institution	E-mail ID	Signature
1.	Koyel Mondal	student	S.M.H.G.G.D.C.W	imkoyelmondal@gmail.com	Koyel Mondal
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