

# GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE

IN COLLABORATION WITH

## MUKHERJEE ENGINEERING COMPANY

### REPORT

ON

### INDUSTRIAL VISIT CUM CAPACITY BUILDING SESSION

**ORGANISED BY: GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE**

**DATE: 21.03.2023**

**VENUE: MUKHERJEE ENGINEERING COMPANY, SRINIKETAN ROAD, BOLPUR**



### **OBJECTIVE OF THE ACTIVITY:**

The objective of the industrial visit cum capacity building session was to provide the students with hands-on experience about the functioning of the manufacturing unit mainly producing concrete pipes. Through the collaborative industrial visit cum capacity building session, by virtue of the MoU with Mukherjee Engineering Company, the students would learn about the production system of a heavy industry such as concrete pipe industry.

### **PROCEEDINGS OF THE ACTIVITY:**

Concrete pipes play a very important role in irrigation and drainage systems. These are versatile products with strength and durability making them ideal for drains, sewer lines and culverts. This is an immensely promising industry having linkage with infrastructural and developmental projects, and therefore demands attention. On 21.03.2023, students of GGDC, Mangalkote went to Mukherjee Engineering Company to gain hands-on experience about the functioning of the concrete pipe industry. The students visited Mukherjee Engineering Company by virtue of a MoU between GGDC, Mangalkote and the company to offer student internships, facilitate capacity building programs, and organize industrial visits. The objective of the MoU is sharing of knowledge and technical skills related to concrete pipe industry for better career prospects.

On the day of the visit, the students were accompanied by Dr. Raj Kumar Singh, Assistant Professor in Botany, GGDC, Mangalkote to Mukherjee Engineering Company. At the production unit, the students learnt about the various steps involved in the production of concrete pipes. They gained knowledge about the entire production process: how the concrete pipes are manufactured using a mixture of cement, sand, water and reinforcing steel rods. They also came to know about the progressive innovation and industrialization in the concrete pipe industry and witnessed the functioning of large-scale machinery.

### **PARTICIPANT DETAILS:**

There were six (06) participants from the college in the industrial visit cum capacity building session organized collaboratively by GGDC, Mangalkote and Mukherjee Engineering Company, Sriniketan Road, Bolpur, Birbhum-731204.

### **OUTCOME OF THE ACTIVITY:**

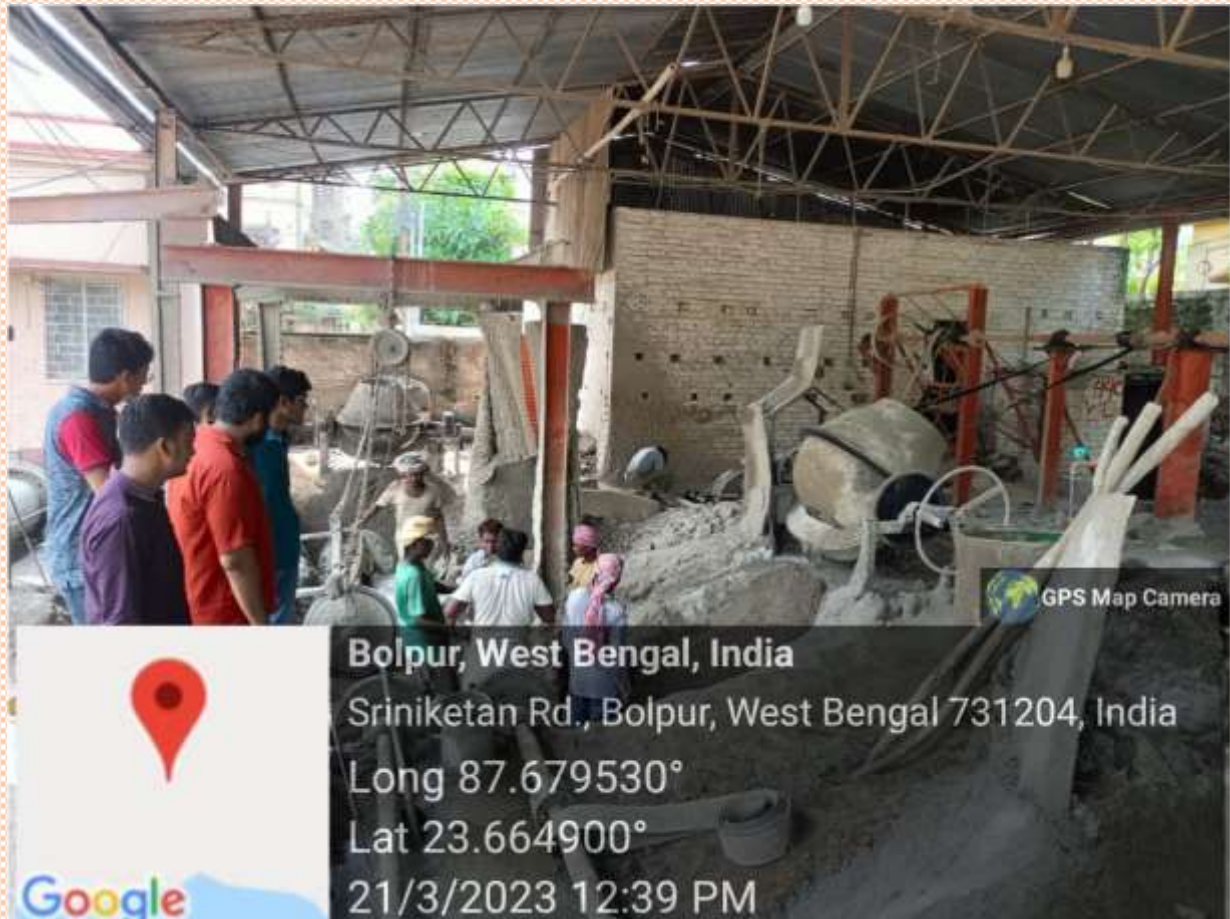
As an outcome of the collaborative initiative, students who visited Mukherjee Engineering Company learnt that the:

1. Concrete pipe industry is highly innovative.
2. As on 2018, the concrete pipe industry is estimated to generate 62.5 percent of revenues generated by the pipe industry.
3. It is responsible for employment of a large section of the Indian population.



In conclusion, it can be stated that they learnt not only about the mechanical and production aspects of the concrete pipe industry; they also gained useful knowledge about its dynamic character and potential for employment generation.

### GLIMPSES FROM THE ACTIVITY



DATE: 21/03/2023

OUR STUDENTS WITNESSING THE PRODUCTION OF CONCRETE PIPES

Dr. Pradipta Kumar Basu  
OFFICER IN CHARGE, W.B.E.S.  
Government General Degree College, Mangalkhat,  
Dt. Purba Bardhaman, West Bengal- 713132





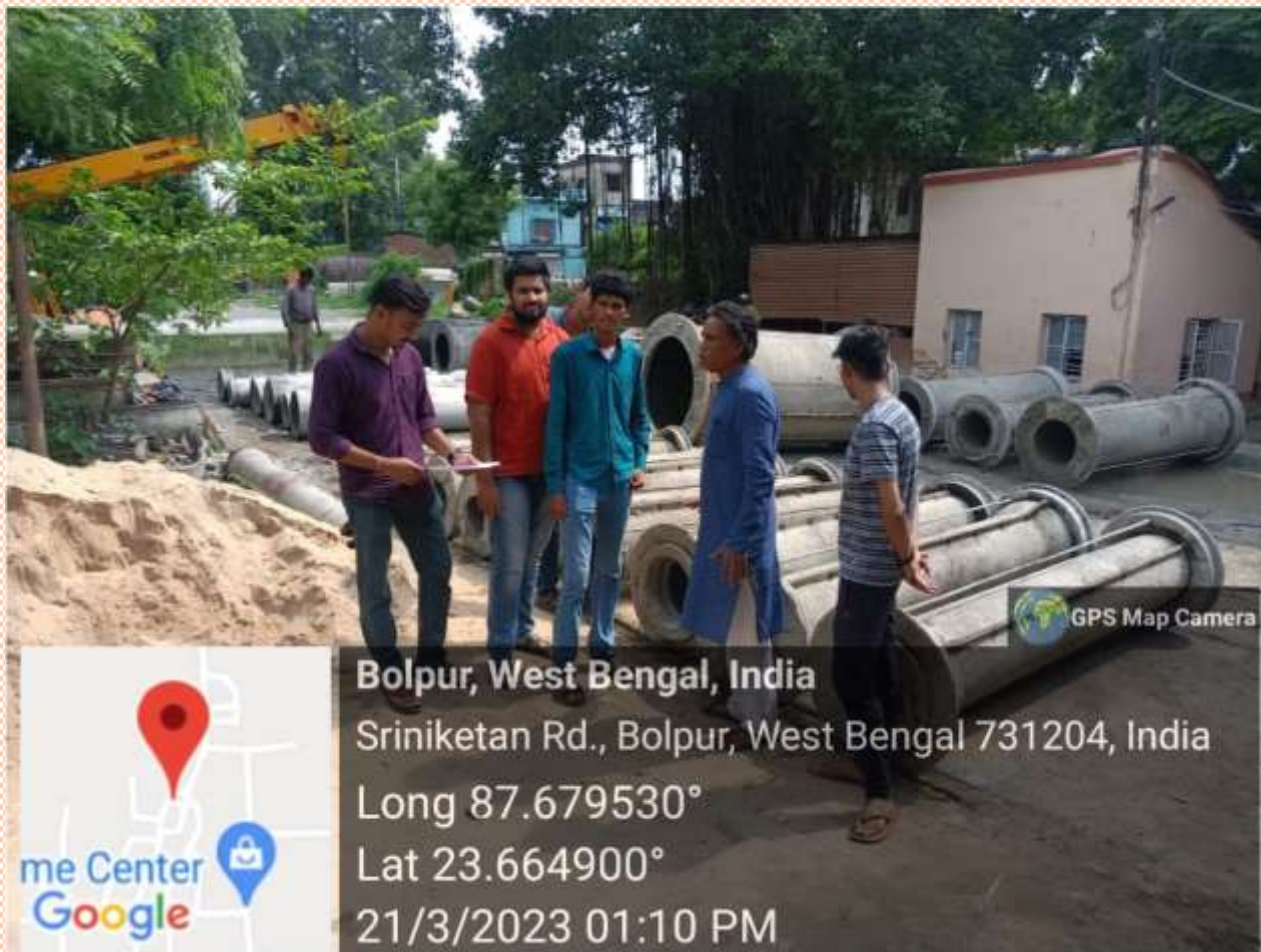
Bolpur, West Bengal, India  
Sriniketan Rd., Bolpur, West Bengal 731204, India  
Long 87.679530°  
Lat 23.664900°  
21/3/2023 12:44 PM

DATE: 21/03/2023

STUDENTS AT THE PRODUCTION UNIT OF MUKHERJEE ENGINEERING COMPANY

Dr. Pradipta Kumar Basu  
OFFICER IN CHARGE, W.B.E.S.  
Government General Degree College, Mangalkhat,  
Dt. Purba Bardhaman, West Bengal- 713132





**DATE: 21/03/2023**

**STUDENTS LOOKING AT THE FINAL PRODUCT OF THE CONCRETE PIPE INDUSTRY**

**Dr. Pradipta Kumar Basu**  
OFFICER IN CHARGE, W.B.E.S.  
Government General Degree College, Mangalkhat,  
Dt. Purba Bardhaman, West Bengal- 713132



# MUKHERJEE ENGINEERING COMPANY

Sriniketan Road, Bolpur, Dt- Birbhum, Pin 731204

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Industrial visit cum capacity building session by the students of  
Government General Degree College, Mangalkote

(Date: 21/03/2023)

List of participants

1. Satyam Dewasim - zoology - III Sem
2. Debkanta Pal - zoology - Sem V
3. Soumya Mallick - Zoology - Sem V
4. Anitosa Datta - zoology - sem V
5. Sk. Rejoyancee Karim - Zoology - sem 3
6. Billal SK - zoology - II Sem
- 7.
- 8.
- 9.
- 10.



Dr. Pradipta Kumar Basu  
OFFICER IN CHARGE, W.B.E.S.  
Government General Degree College, Mangalkote  
Dr. Partha Sarthanan, West Bengal-731202

Mukherjee Engineering Company

Mukherjee Engineering Co.  
*Himanshu Mukherjee*  
Partner



Government of West Bengal  
Office of the Principal

**GOVERNMENT GENERAL DEGREE COLLEGE, MANGALKOTE**  
PANCHANANTALA, KHUDRUN DIGHI, MANGALKOTE  
P.O. - MAJHIGRAM; BLOCK - MANGALKOTE; SUB DIVISION - KATWA  
DISTRICT - PURBA BARDHAMAN; WEST BENGAL; PIN CODE - 713132; INDIA  
Email: ggdc mangalkote@gmail.com; Website: http://mangalkotegovtcollege.org

### Memorandum of Understanding

This Memorandum of Understanding (MoU) is made and entered into on this **05/07/2022** by and between **Government General Degree College, Mangalkote (Address: Panchanantala, Khudrun Dighi, PO: Mathrun, Purba Bardhaman, WB-713132)** and **Mukherjee Engineering Company (Address: Sriniketan Rd., Bolpur, Birbhum-731204)** visits for the students of Government General Degree College, Mangalkote as and when required, at **Mukherjee Engineering Company, Bolpur.**

The MoU will remain effective for five years and may be extended or revised after every three years on mutual discussion between the two parties.

#### 1. Financial Arrangements:

No financial commitment is required to execute the terms and conditions of the MoU.

**Officer-In-Charge**  
**Government General Degree**

**College, Mangalkote**

OFFICER IN CHARGE, W.B.E.S.  
Government General Degree College, Mangalkote  
Dt. Purba Bardhaman, West Bengal- 713132

**Signature of Witness:**

Assistant Professor of Botany (W.B.E.S.)  
Government General Degree College  
Mangalkote, Bardhaman

**Mukherjee Engineering Company**

Mukherjee Engineering Co.  
  
Partner

**Signature of Witness:**

Dr. Pradipta Kumar Basu  
OFFICER IN CHARGE, W.B.E.S.  
Government General Degree College, Mangalkote  
Dt. Purba Bardhaman, West Bengal- 713132





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**Memo No: 151/ MGC**

**Date: 16/03/2023**

From: The Officer-in-Charge,  
Govt. General Degree College, Mangalkote, Purba Bardhaman

To: M/S Mukherjee Engineering Company,  
Sriniketan Road, Bolpur, Dt. Birbhum, Pin 731204

Sir,

In pursuance of the MoU between Government General Degree College, Mangalkote and Mukherjee Engineering Company dated 05/07/2022, the undersigned requests you to consider the proposal of conducting an industrial visit cum capacity building session on 21/03/2023.

It will be great help for the college if you are able to make such arrangement as per our proposal. Our students will visit your organisation with an accompanying teacher for such industrial visit cum capacity building session.

Thanking you,  
With regards,



**(Dr. Pradipta Kumar Basu)**  
**Officer-In-Charge**  
**GGDC, Mangalkote**

*Dr. Pradipta Kumar Basu*  
OFFICER IN CHARGE, W.B.E.S.  
Government General Degree College, Mangalkote  
Dt. Purba Bardhaman, West Bengal- 713132

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**TO WHOM IT MAY CONCERN**

This is to certify that in pursuance of the MoU between Government General Degree College, Mangalkote and Mukherjee Engineering Company Dated 05/07/2022, the students of Government General Degree College, Mangalkote visited Mukherjee Engineering Company, Bolpur for an industrial visit-cum-capacity building session on 21/03/2023.

**Mukherjee Engineering Company**

Mukherjee Engineering Co.

*Himanshu Narasinga*  
Partner

*B. S. M.*

**Officer-In-Charge**  
**Government General Degree**  
**College, Mangalkote**

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Government General Degree College, Mangalkote  
Dt. Purba Bardhaman, West Bengal- 713132

*Dr. Pradipta Kumar Basu*

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