

**Activity details (2019-20)**  
**Department of CIVIL ENGINEERING**  
**JIS College of Engineering, Kalyani**

**WEBNAIR DETAILS-**

SL NO	PROGRAMME NAME	SPEAKER NAME	DATE	participants
1	DREAM STEPS A STEP TOWARDS THE BEGINING	MR.SUBHABRATA BHATTACHARJEE REGIONAL MANAGER WADHWANI FOUNDATION	02/05/2020	150
2	SUSTAINABLE DEVELOPMENT WITH EMPHASIS ON URBAN TRANSPORTATION	Dr. SAIKAT DEB ASSISTANT PROFESSOR ASSAM DOWN TOWN UNIVERSITY	18/04/2020	52
3	SITE ORGANISATION IN CIVIL ENGG INDUSTRY	Mr. Satyajit Roy Assistant engineer	13/04/2020	42
4	INDIAN STANDARD MEYHOD ON CONCRETE MIX PROPORTIONING	Mr. Tilak Mitra Assistant engineer	09/04/2020	65



Webinar on



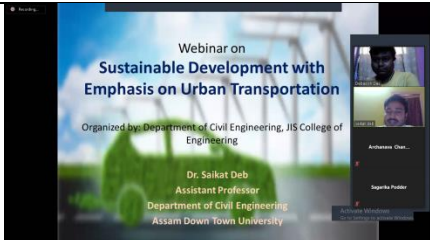
# **DREAM STEPS: A step towards the Beginning**

Organized by  
Civil Engineering Department  
JIS College of Engineering

**2ND MAY,  
2020 | 5:30 PM  
ONWARD**

Contact details,  
Dr. Debasish Das  
08918056883

**Speaker:**  
  
**Mr. Subhabrata  
Bhattacharjee**  
Regional Manager,  
WADHWANI  
FOUNDATION

Event Details				
Type	Webinar		Start Date	18.04.2020
Title	Sustainable Development with emphasis on Urban Transportation		End Date	18.04.2020
			Time: 5:30 PM to 7:00 PM.	
Description				
The speaker starts his discussion with the definition of 'Sustainability" and "Transportation". Later a discussion was on the basic concept of the transportation system in terms of urban agglomeration area. The various transportation systems existing in and around the world have been discussed and the hierarchy of transportation systems also discussed through a diagram. The characteristics, advantages, and disadvantages of public or mass transportation systems also discussed in the Webinar. The session concluded by addressing the roads and its accessibility to urban transportation. In the end, a Q&A session was also there to clear the doubt of the students.				
Star Performer Details				
Name	Dr. Saikat Deb	Email ID	saikatdeb25@gmail.com	Passport Photo
Designation	Assistant Professor	Phone No.	08787599685	
Student and Faculty Details				
Number of Student Participants	52	Number of Faculty Participants	6	
Other Details				
Venue and arrangement for Live telecast	Zoom			
Photos				
<div></div>				
<b>Outcome:</b> After the session, students came to know that the scope and opportunities to learn the concept of transportation system and mass transportation system in urban area.				

Event Details		Event Details	
Type	Webinar	Start Date	13.04.2020
Title	Site Organization in Civil Engineering Industry	End Date	13.04.2020
			Time: 5:30 PM to 7:00 PM.

### Description

The speaker had discussed from the basic level about the organogram of the Civil Engineering industry. The speaker also discussed various types of costs of the project, types of labor, type of types of equipment and raw materials. The quality control assessment process also discussed in the above said Webinar. The advantages and disadvantages of various components of sites have also illustrated and nicely presented through PowerPoint presentations. In the end a Q&A session was also there to clear the doubt of the students.

### Star Performer Details

Name	Mr. Satyajit Roy	Email ID	1990satyajitroy@gmail.com	Passport Photo
Designation	Assistant Engineer-Civil	Phone No.	09874862974	

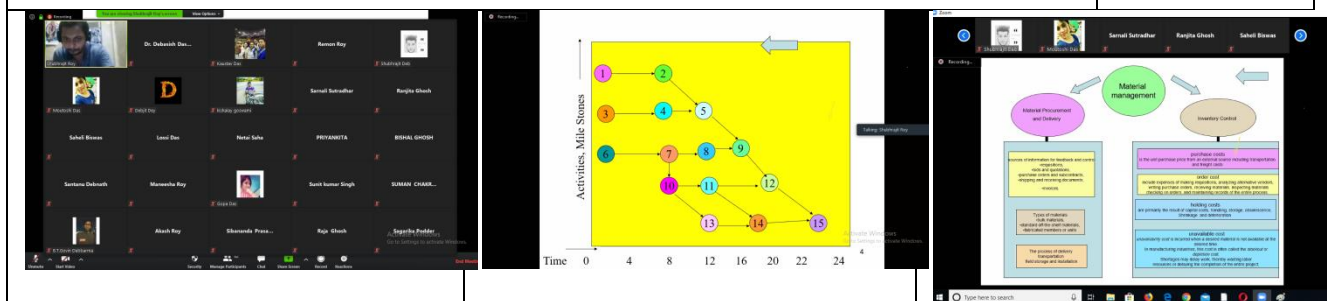
### Student and Faculty Details

Number of Student Participants	42	Number of Faculty Participants	8
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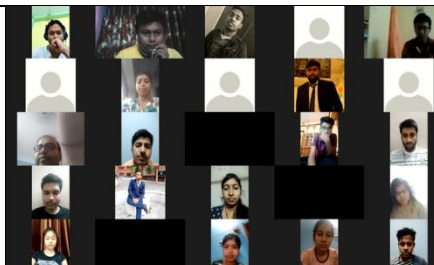
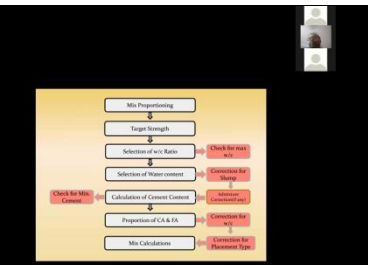

### Other Details

Venue and arrangement for Live telecast	Zoom
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### Photos



**Outcome:** After the session, students came to know that the scope and opportunities to learn the basic manpow structure in any filed project and get an overall idea on site management.

Type	Webinar		Start Date	09.04.2020	
Title	Indian Standard Methods of Concrete Mix Proportioning		End Date	09.04.2020  Time: 5:30 PM to 7:00 PM.	
Description					
The speaker had discussed from the basic level about the concrete mix design which is an important aspect of Civil Engineering. In his presentation, he also discussed the various methods to do the Concrete Mix design. Speaker has also emphasized the advantages and disadvantages of mixed design. At the end a Q&A session was also there to clear the doubt of the students.					
Star Performer Details					
Name	Mr. Tilak Mitra	Email ID	mitra.tilak22@gmail.com	Passport Photo	
Designation	Assistant Engineer-Civil	Phone No.	09474098575		
Student and Faculty Details					
Number of Student Participants	65	Number of Faculty Participants	7		
Other Details					
Venue and arrangement for Live telecast	Zoom				
Photos					
					
					
Outcome: After the session, students came to know that the scope and opportunities to understand concrete mix design and practical implication in project.					

# DEPARTMENT OF CIVIL ENGINEERING

## REPORT ON COURSE BEYOND CURRICULUM

An in-house training on 'Course Beyond Curriculum' has been organized for all the Civil Engineering students. The detailed of the training is given below:

**Duration:** 16<sup>th</sup>-20<sup>th</sup> December, 2019

**Training topic:**

Sl. No.	Semester	Topic	Trainer
1.	4 <sup>th</sup>	Introduction to Civil Engineering drafting and analytical software	a. Mr. Debargha Banerjee, Assistant Professor, CE Department b. Mr. Kaustav Das, Assistant Professor, CE Department
2.	6 <sup>th</sup>	An introduction to StaadPro	Mr. Amit Kumar Das, Assistant Professor, CE Department
3.	8 <sup>th</sup>	1. How to write a Technical Paper and Dissertation Report: Rules and Guidelines 2. Advances in Word, Excel, PPTs and Visio software	Dr. Debasish Das, Assistant Professor & HOD, CE Department

**Schedule of training:**



Sl. No.	Semester	Date	Room	Date	Room
1.	4 <sup>th</sup>	16.12.2019	CE 1	16.12.2019	R 125
2.		17.12.2019	CE 1	17.12.2019	R 125
3.		18.12.2019	CE 1	18.12.2019	CE 1
4.		19.12.2019	CE 1	19.12.2019	CE 1
5.		20.12.2019	CE 1	20.12.2019	CE 1
6.	6 <sup>th</sup>	16.12.2019	CE 2	16.12.2019	CE 2
7.		17.12.2019	CE 2	17.12.2019	CE 2
8.		18.12.2019	CE 2	18.12.2019	R 125
9.		19.12.2019	R 125	19.12.2019	R 125
10.		20.12.2019	R 125	20.12.2019	CE 2
11.	8 <sup>th</sup>	16.12.2019	CE 3	16.12.2019	CE 3
12.		17.12.2019	CE 3	17.12.2019	CE 3
13.		18.12.2019	CE 3	18.12.2019	CE 3
14.		19.12.2019	CE 3	19.12.2019	CE 3
15.		20.12.2019	CE 3	20.12.2019	CE 3



# Bijnan O Projukti Mela by Paschim Banga Vigyan Mancha

**Date:** 16<sup>th</sup>-17<sup>th</sup> January, 2020

**Venue:** Hedua Park, Kolkata

**Event:** Project Exhibition

**Position:** 6<sup>th</sup>

## Few glimpses:



## JIS COLLEGE OF ENGINEERING DEPARTMENT OF CIVIL ENGINEERING

### REPORT INDUSTRIAL TRIP TO BELUR WATER TREATMENT PLANT

**DATE:** 10.02.2020 & 11.02.2020

**VENUE:** BELUR WATER TREATMENT PLANT

**YEAR:** 2<sup>ND</sup>

### Visit outcomes:

Drinking water sources are subject to contamination and require appropriate treatment to remove disease-causing agents. Public drinking water systems use various methods of water treatment to provide safe drinking water for their communities. The following steps of water purifications have been discussed in the field:

- **Coagulation and Flocculation**

Coagulation and flocculation are often the first steps in water treatment. Chemicals with a positive charge are added to the water. The positive charge of these chemicals neutralizes the negative charge of dirt and other dissolved particles in the water. When this occurs, the particles bind with the chemicals and form larger particles, called floc.

- **Sedimentation**

During sedimentation, floc settles to the bottom of the water supply, due to its weight. This settling

process is called sedimentation.

- **Filtration**

Once the floc has settled to the bottom of the water supply, the clear water on top will pass through filters of varying compositions (sand, gravel, and charcoal) and pore sizes, in order to remove dissolved particles, such as dust, parasites, bacteria, viruses, and chemicals.

- **Disinfection**

After the water has been filtered, a disinfectant (for example, chlorine, chloramine) may be added in order to kill any remaining parasites, bacteria, and viruses, and to protect the water from germs when it is piped to homes and businesses.

### **Few glimpses:**

