



CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT, ODISHA

Online Workshop on

Dam Break Modelling Using HEC-RAS

Date: 3rd to 5th August 2021

Resource Person:

Dr. Prafulla Kumar Panda (CUTM)
Dr. Kamal Kumar Barik (CUTM)
Rosysmita Bikram Singh (NIT Rourkela)
M. Uma Maheswar Rao (NIT Rourkela)
Satya Narayana Bhuyan (NIT Rourkela)

No. of Students and/or Faculty Participated: 65

Detailed report of the activity:

The department of Civil Engineering, CUTM has organised an online workshop on Dam Break Modelling using HEC-RAS in association with NIT, Rourkela from 3rd to 5th August 2021 to B. Tech Civil Engineering students. 65 students along with faculties of the University have participated in the programme.

Objective

To train the students about Dam Break Modelling using HEC-RAS software.

Outcome

Students will be able to study the Dam Break Model

Students will be able to use HEC RAS software.

Agenda

Day-1: 10 am to 1pm Introduction about the workshop.

Dam Break Modeling & Its importance.

Various websites for data collection.

Day-1: 2 pm to 5pm

Different approaches & Ideas for UG Projects.

Introduction to Shapefile, DEM & its set up in Arc-Gis.

How to download DEM?

Day-2: 10 am to 1pm

Input file Preparation for HEC-RAS

Hydrograph

DEM mosaic, Mask & Extraction

Online session of DAM BREAK MODELING USING HEC-RAS:

The screenshot shows a Google Meet window with a presentation slide. The slide is titled "Workshop on Dam Break Modelling Using HEC RAS (3rd to 5th August 2021)" and is presented by Prafulla Kumar Panda. The slide content includes the logo of Centurion University of Technology and Management, Department of Civil Engineering, and an agenda for two days. The agenda for Day 1 (10 am to 1 pm) includes: Introduction about the workshop, Dam Break Modelling & its importance, and Various websites for data collection. The agenda for Day 2 (10 am to 1 pm) includes: Input file Preparation for HEC-RAS, Hydrograph, and DEM mosaic, Mask & Extraction. The Meet interface shows a grid of participants including Prafulla Kumar Panda, AVIJEET RAJ, SANDIP GHOSH, S P SWAIN, M Uma Mahes..., Kamal Barik, satya bhuyan, and 51 others. The time is 10:13 AM on 03-08-2021.

The screenshot shows a Google Meet window with a presentation slide titled "Recourse Team Of The Workshop". The slide lists the following team members: Dr. Prafulla Kumar Panda (CUTM), Dr. Kamal Kumar Barik (CUTM), M. Uma Maheswar Rao (NIT Rourkela), and Satya Narayana Bhuyan (NIT Rourkela). The logos of Centurion University and NIT Rourkela are also displayed. The Meet interface shows a grid of participants including Prafulla Kumar..., satya bhuyan, BABLU KUMAR..., AVIJEET RAJ, SANDIP GHOSH, GAUTAM KUM..., SANJAY KUMA..., and 50 others. The time is 10:17 AM on 03-08-2021. A notification at the bottom right states "24 of 24 - Clipboard Item not Collected: Format not supported by Office Clipboard".

List of Students/Faculty Attendance:


			Hec RAS Participation list
Sl.No.	Timestamp	Name	Email
1	7-28-2021 12:04:46	SRIDHAR KUMAR PANDA	180101110001@cutm.ac.in
2	7-28-2021 12:05:14	Narendra Kumar Sahu	190301110004@cutm.ac.in
3	7-28-2021 12:05:21	Soumya Ranjan Sahoo	190301110009@cutm.ac.in
4	7-28-2021 12:05:39	Nitesh Kumar Patel	190101110019@cutm.ac.in
5	7-28-2021 12:06:56	Alok kumar	190101110024@cutm.ac.in
6	7-28-2021 12:12:09	UMA SHANKAR RAJ	190301110025@CUTM.AC.I N
7	7-28-2021 12:12:55	Purandhar	190101110001@cutm.ac.in
8	7-28-2021 12:14:33	Abhisek Mishra	abhisekmishra303@gmail.co m
9	7-28-2021 12:31:35	Chandan Kumar	chandankumar.ck0207@gmail .com
10	7-28-2021 12:40:48	SUDHIR KUMAR	190101110042@cutm.ac.in
11	7-28-2021 12:57:16	Sandip Ghosh	190301110008@cutm.ac.in
12	7-28-2021 13:31:29	Ayush Prasad Mishra	190301110021@cutm.ac.in
13	7-28-2021 13:35:55	Nishant sharma	190301190013@cutm.ac.in
14	7-28-2021 13:50:00	BIDYARANI KARUA	180301111022@cutm.ac.in
15	7-28-2021 14:57:08	SOUMYA P PUHAN	190301110013@cutm.ac.in
16	7-28-2021 15:44:16	Ansuman Mohapatra	180301110005@cutm.ac.in

17	7-28-2021 16:00:51	Suhaila Ghulami	190101110040@cutm.ac.in
18	7-28-2021 16:40:53	Anil Kumar	190101110020@cutm.ac.in
19	7-28-2021 18:25:12	SATYAJIT KHUNTIA	satyjit2622@gmail.com
20	7-28-2021 18:44:34	Monalisha Nayak	190301110005@cutm.ac.in
21	7-28-2021 19:59:50	AVIJEET RAJ	190101110039@cutm.ac.in
22	7-28-2021 21:23:26	Digambar Ray	190101110046@cutm.ac.in
23	7-29-2021 9:50:34	Abhijit Behera	190301110020@cutm.ac.in
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25	7-29-2021 12:44:15	ARUN KUMAR	190101110030@cutm.ac.in
26	7-29-2021 12:45:52	Pujarani Parija	190301110011@cutm.ac.in
27	7-29-2021 12:49:58	Akashdeep Chatterjee	190301191015@cutm.ac.in
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30	7-29-2021 12:53:06	BRIJESH NAYAK	190301110002@cutm.ac.in
31	7-29-2021 12:56:41	Preeti patnaik	180101111009@cutm.ac.in
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	13:25:00		
35	7-29-2021 13:25:48	Md Perwez Alam	190101110043@cutm.ac.in
36	7-29-2021 13:46:30	Alan R Xalxo	190301110007@cutm.ac.in
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38	7-29-2021 14:33:09	Prabhas Kumar Mahato	190301110001@cutm.ac.in
39	7-29-2021 15:52:30	Malay kumar sahu	190301110003@cutm.ac.in
40	7-29-2021 16:56:28	Pradip kumar sharma	190101110018@cutm.ac.in
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42	7-30-2021 10:00:39	S P Swain	190301110006@cutm.ac.in
43	7-30-2021 18:21:31	Subhangam Choudhury	190301110018@cutm.ac.in
44	7-30-2021 20:36:43	Soubhagya khatua	190301110017@cutm.ac.in
45	08-02-2021 10:24	Abhijit Behera	beheraabhijit370@gmail.com
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48	08-02-2021 10:32	Manish kumar chourasia	190101110036@cutm.ac.in
49	08-02-2021 10:37	Satyabrata palei	190301190007@cutm.ac.in
50	08-02-2021 10:40	Hemanta kumar patra	190301190005@cutm.ac.in
51	08-02-2021 10:44	Subham jyoti ray	190301110016@cutm.ac.in

52	08-02-2021 10:51	ARVIND KUMAR	190101110011@gmail.com
53	08-02-2021 10:57	Swastik Gouda	190101110002@cutm.ac.in
54	08-02-2021 10:59	Rajnish Kumar	190301110015@cutm.ac.in
55	08-02-2021 11:06	Kinley wangmi	180101110005@cutm.ac.in.
56	08-02-2021 11:52	Sudhir kumar tudu	190301110012@cutm.ac.in
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59	08-02-2021 15:57	ANIRBAN MONDAL	190301190002@cutm.ac.in
60	08-02-2021 16:21	Sarthak Das	190301110023@cutm.ac.in
61	08-02-2021 23:47	jyoti prakash dutta	190301190008@cutm.ac.in
62	08-03-2021 10:03	Sanjay Kumar Das	190301190012@cutm.ac.in
63	08-03-2021 10:03	Chinmayshree mahanta	190301190006@cutm.ac.in
64	08-03-2021 10:04	Keshav Prakash	190301191014@cutm.ac.in
65	08-03-2021 10:58	Lokesh Kumar	190101110037@cutm.ac.in

Brochure related to the event:



Workshop on Dam Break Modelling Using HEC RAS

Date: - 3rd to 5th August 2021

Organised by :
Department of Civil Engineering

Resource Persons

Dr. Prafulla Kumar Panda (CUTM)
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M. Uma Maheswar Rao (NIT Rourkela)
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Dr. Prasanta Ku. Mohanty
Dean Academic