



Akhil Bharatiya Maratha Shikshan Parishad's
Anantrao Pawar College of Engineering & Research



Record No.: ACA/D/021
Revision: 00

DoI: 21/01/2019

EVENT REPORT

Name of Event: Expert Lecture on "Introduction to Bently Sewer Gems & Water Gems Program"

Date of Event: Thursday, 6th Jan 2022

Time of event: 2.30 Hours, 11.00 A.M. to 1.30 P.M.

Name of Event Coordinators: Asst. Prof. Neha Shridharrao Deshmukh

Name of resource Person/ Speaker: Mr. Amit Kokadwar

Brief Introduction of Resource Person/Speaker: Mr. Amit Kokadwar

Mr. Amit Kokadwar is currently working as an Assistant Senior Engineer, Jacobs, Mumbai.

Target Audience with count: All SE Students with Faculty Civil Dept. APCOER, Pune.

Brief Description of Event:

The Expert lecture started with the brief introduction of Mr. Amit Kokadwar by Prof. Neha Shridharrao Deshmukh. Prof. Amruta Chavan facilitated Sir with Tulsi Plant. Kokadwar Sir started the lecture by welcoming all students & faculty members. Sir explained the concept of **Bently Sewer Gems & Water Gems**. Water Supply and sanitation are basic needs of healthy society. Sir discussed how Sewer Gems is helpful for hydraulic design of sewer collection network, BIM Modelling and Asset Management of the system.

Later, Sir taught the students the step by step Wastewater Network design criteria with modelling process. Subsequently Sir explained strength and weakness of software.

Consequently Sir elaborated some practical examples of case study A Greenfield development in UAE and Interception Sewer along Mithi River, Mumbai for better understanding of students. Sir showed various photographs visualizations of completed as well as ongoing metro projects from India & Abroad.

At the end, Sir opened the platform for discussion with students, in order to resolve the queries of students regarding Bently Sewer Gems & Water Gems, and software working. Few students raised their queries during the discussion, which were resolved by Mr. Amit Kokadwar.

Then, session was ended by concluding remarks by Prof. Neha Deshmukh. Madam thanked Mr. Amit Kokadwar Sir for delivering such a knowledgeable expert lecture, also thanked Dr. S. B. Thakare Sir, Principal APCOER & Prof. Sagar Gawande Sir, HoD Civil Department APCOER for permitting this wonderful expert lecture aimed at Second Year civil engineering students APCOER, Pune.





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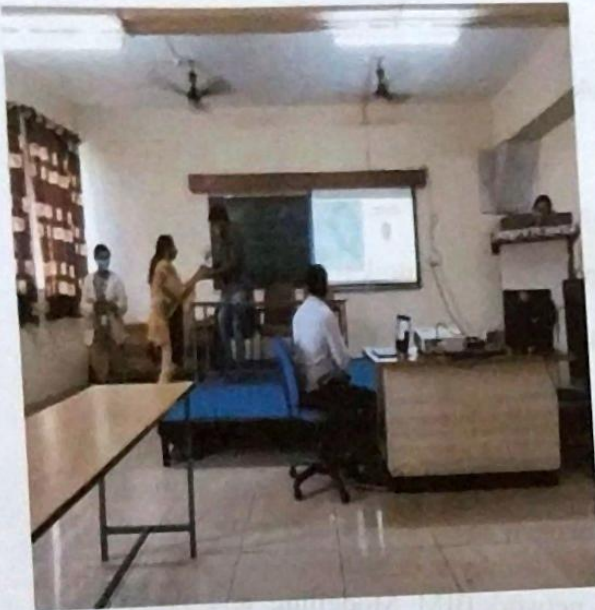
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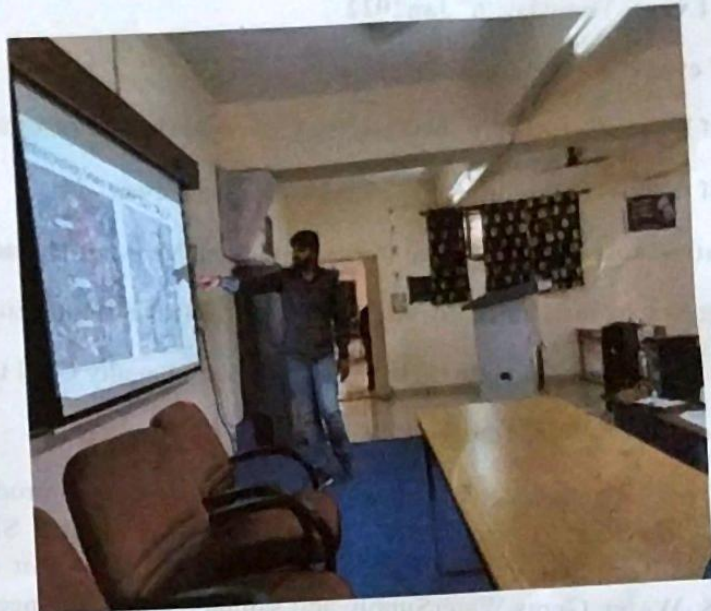


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Photographs:

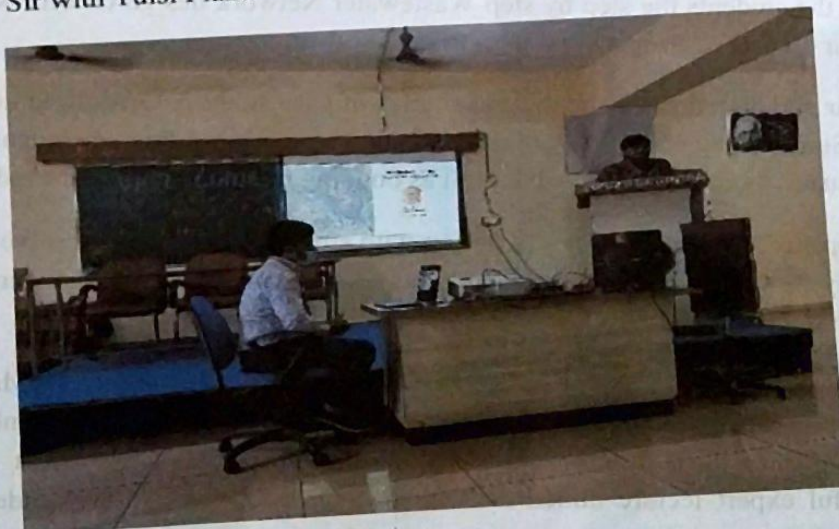


a) Prof. Amruta Chavan facilitated



b) Mr. Amit Kokadwar Sir

Mr. Amit Kokadwar Sir with Tulsi Plant.





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Modelling Methodology

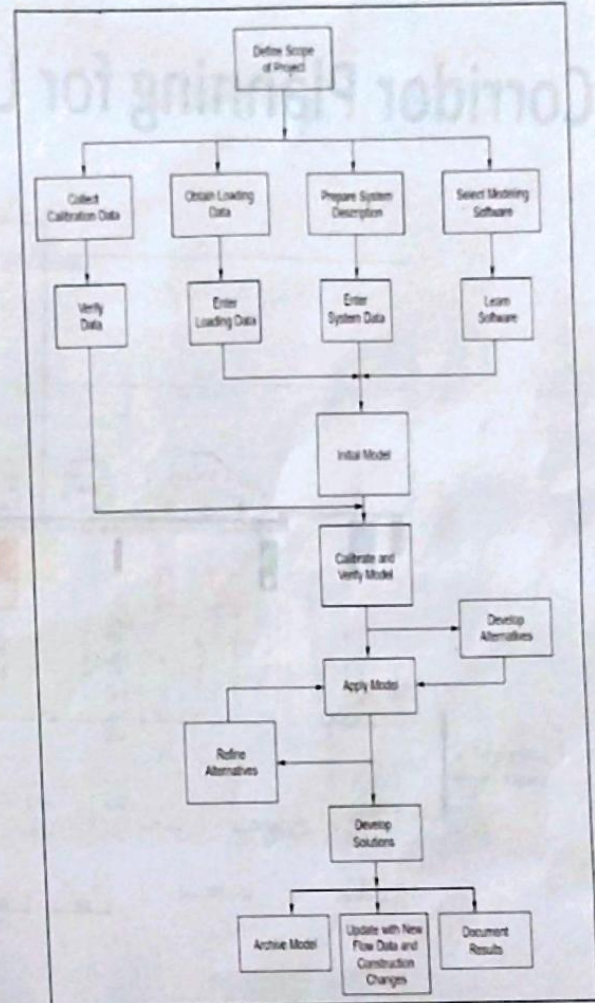
• Data Collection



• Model Building

- ✓ Setting Up The Units
- ✓ Layout Marking
- ✓ Terrain Data
- ✓ Flow Data
- ✓ Peak Factor

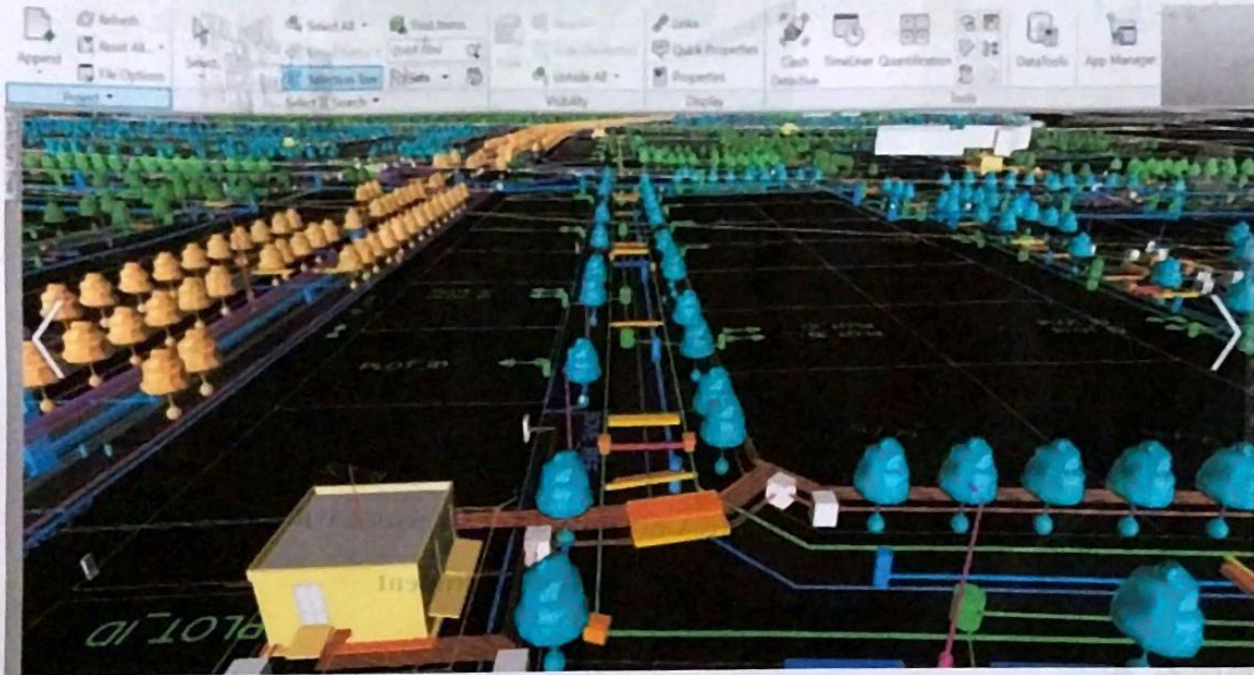
• Design Using Specific Constraints.

• Analysis of Model Under Different Set of Conditions.

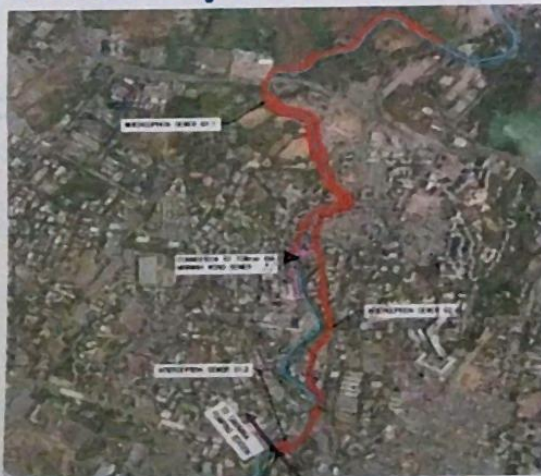


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3D Model Overview – Underground Utilities



Interception Sewer along Mithi River, Mumbai.





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c) Second year Civil students



d) Mr. Amit Kokadwar sir with Civil faculty
and Second year student

Date: 7.01.22

7.01.22
Prof. N.S. Deshmukh

Guest Lecture Co-ordinator

Prof. S.M. Gawande

7/01/2022
Dr. A.B. Shelar

Head of Department

Dr. S.B. Thakare

Principal

