WATER SUPPLY AND TREATMENT ENGINEERING

ASSIGNMENT

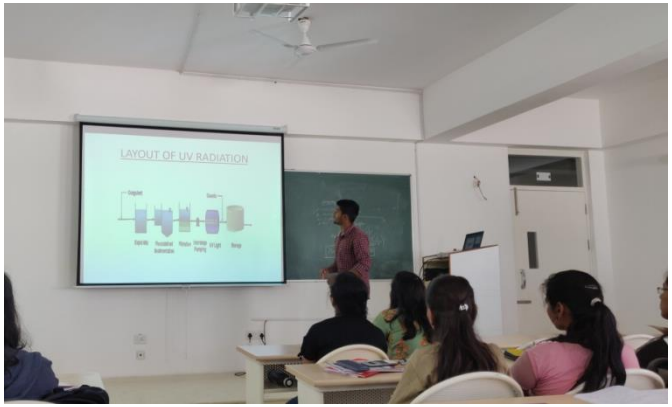
Conducted for 6th semester B section students of 2018-19

OVERVIEW :

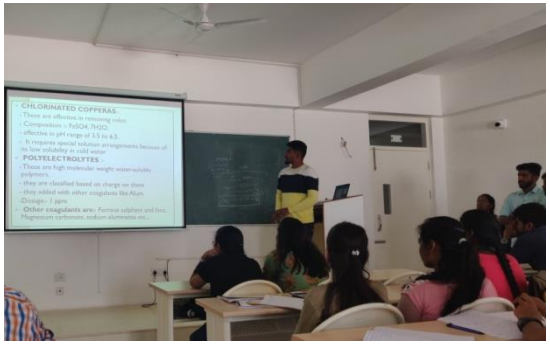
- The class was divided into about 12 groups, each constituting 5 or 6 students.
- The students were asked to choose the topics of their choice and were given preparation time.
- Live models, experiment conduction, static models, video footages and presentations combined each candidates skills and altogether to enhance the teaching-learning process.

Group 1: Dream Green
Topic: Water supply and treatment units.

The group presented the various water treatment processes and units.

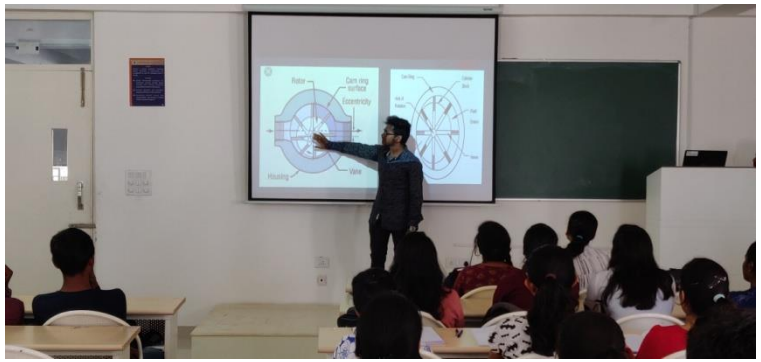


Group 3: Vision Creators
Topic: Sedimentation



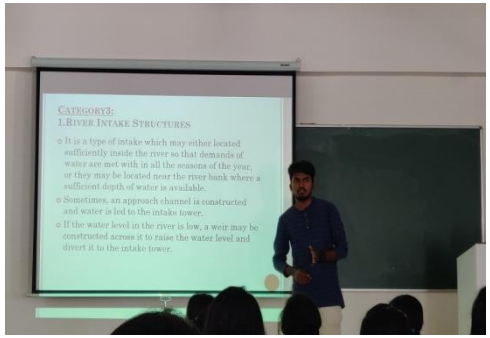
The group presented the mechanisms and types of sedimentation along with a video of the experiment.

Group 9: Journey of greens
Topic: Different types of pumps and systems



The group effectively delivered about different types of pumps used in different situations and the working of their systems.

Group 12: Peace life
Topic: Intake structures



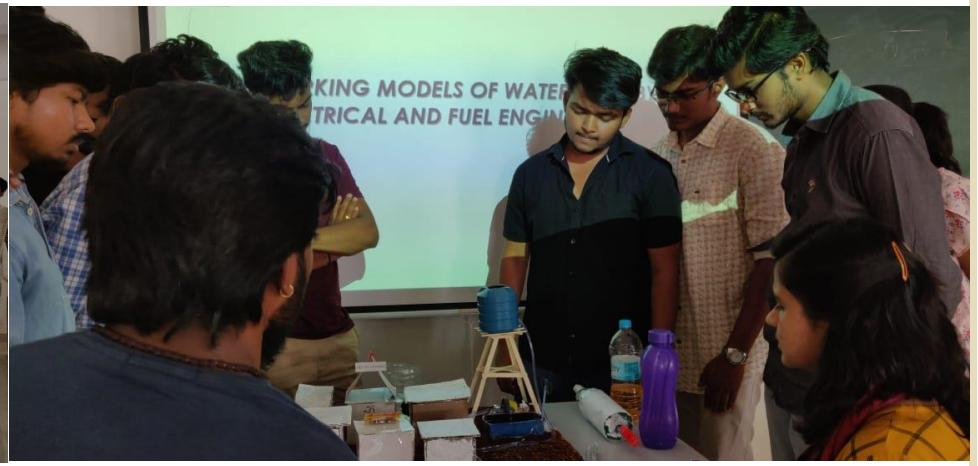
This group explained the different types of intake structures adopted for various possible sources and the methods of driving water from the structures.

Group 10: Biomes
Topic: Filtration types and mechanisms.

The group presented on the types of large scale and small scale water filtration techniques and differences along with their working mechanisms.

Other significant assignments

1. Model preparation on Water supply and treatment units, video shooting and presentation in class by team Incremental spirit;
2. In class demonstration of distribution system through a model by team- Aqua warrior



Visit to TK Halli Water treatment plant

VISIT TO TK HALLI WATER TREATMENT PLANT

Environmental engineering lab demonstration for water quality analysis

THANK YOU ☺

Please Note

- This presentation is collated with the help of Shushmitha.L.Gowda of 6^{th} semester B section of Department of Civil Engineering.