

Peer Review : 2018-2019

Request to please fill this form to improve the course content delivery through various means. The various activities undertaken throughout the semester including the mode of delivery and outcomes for the course is provided for your reference. Kindly review as to what can be included to improve the delivery of the contents and engage students better in the coursework in future.

Instructor: Khushbu.K.Birawat

Course: Water Supply and Treatment Engineering (15CV64)

Sl. No	Date	Students' centered approach applied/means adopted in the class {activities based on the course that students did on their own (solo or in group) with support of the teacher}	Response from students (acceptance /indifference /rejection)	Outcomes (observable and /or measurable) (To be recorded by end of sem and shall rest on students' learning	Remarks (By Peer reviewer)
1	06.02.2019	Google Classroom: Before commencement of the semester, google classroom was created to share information with the students. During first and second class, they were walked through the procedure of joining the classroom and understanding the interface. Then on all the content -related to course and some extra bits were uploaded on google classroom.	The entire class has joined the google classroom. Thus, high acceptance.	Many students said that it is very comfortable to have all the content in one place and also be able to submit assignment so comfortably	Nice initiative to shift to digital platforms.
2	Most of the classes	Explanation of designs by students after completion in	Moderately accepted (a few students were	Students knew that anyone could be called upon, so	

	where design was taught	class: After explaining the problem, say for population forecasting, one student was called upon to explain the flow of solution on board.	shy initially, so they needed a bit of probing.) But when it became a daily routine of explanation, students came up to solve easily	they concentrated in class consciously. Also, a healthy collaboration and competition was observed during finding out the solutions.	
3	01.03.2019	Visit to Environmental Engineering lab (to demonstrate water quality testing). Students in batch of 15 were taken to lab and Mr. Rajappaji (Assistant Foreman) demonstrated important lab experiments to students.	Moderately accepted (As students were taken batch wise, others were a little restless due to lunch break in next hour). But, nevertheless they were well-behaved during demonstration	Although, they have environmental engineering lab in 7th semester, the quality analysis is to be taught in theory in sixth semester. With a demonstration, students are in a better place to imagine the kind of instruments being used-for the analysis.	This activity can be planned on different days or support of other faculty members can be taken to engage the remaining students and the class strength is high.
4	14.03.2019	Field Visit to T K Halli Water treatment plant	Highly accepted	Students submitted report batch wise. One batch did outstanding reporting compared to all others. One student said that she wanted to make a personal report and submitted, which shows that students like these activities. In second internal, when they were asked to explain the working of water treatment plant, many students wrote in detail what they have	Wonderful. When students are able to translate from field experience to paper, it shows that they have really understood the concept.

				observed in the water treatment plant.	
5	18.03.2019	Group Learning & Flip model of teaching (PFA Attachments), for explanation of the activity in detail with a few photographs of its implementation)	Highly accepted	<p>1. Presentations call for communication and stage exposure. 02 students expressed that they were very nervous during their first presentation, but now after giving seminars in more than two subjects, they are a little more comfortable in facing crowd than before.</p> <p>2. During evaluation of second IA, it was observed that few students explained the concept in their own words, which showed that they were more clear about a topic when they were asked to research and present the topic.</p>	<p>This is a very effective way of removing stage fear from students. A few topics beyond the curriculum but which touches upon the boundaries of the subject could have been given to enhance awareness regarding environment.</p>
6	20.03.2019				
7	21.03.2019				
8	22.03.2019				
9	29.03.2019	Model Making and video recording	These 2 group of students really wished to make a model for their presentation of ideas. They were extremely enthusiastic to do the same.		

Name of the reviewer: Dr.Mayaja N A, Associate Professor, Dept. of Civil Engineering

Date of review: 3.04.2019

