

## **Review Report**

Peer Review of Innovations by the  
Faculty (Prof. S.D. Kamble) in Teaching and Learning  
(Review to be sent to sdkamble.civil@dacoe.ac.in)

### **A) Details of Innovative Practice**

<b>1. Subject Area</b>	Strength of Material laboratory
<b>2. Innovative Practice</b>	Flipped classroom activity for effective learning
<b>3. Goals/Objectives</b>	i) To provide a priory information on all components of laboratory to the students ii) To make students visualize the laboratory work before the conduct of experiment iii) To use the time optimally and effectively with more time available for the actual performance iv) To inculcate self-learning and thinking attitude in students
<b>4. Methodology</b>	The steps involved are i) Sharing of a recorded video of an experiment discussed and demonstrated with all the pertinent elements viz. Materials and Methods, Theory, Procedure, Principle, Observations, Computations, Results and Discussion, Conclusion and demonstration of equipment and experiment. It is shared one week prior to the conduct of experiment. ii) Doubt clearing session on the day of laboratory work for 15 to 30 minutes. iii) Conduct of experiment in the laboratory. The students are expected to i) Study the experiment through recorded resource; ii) Make list of queries/doubts; Discuss and get doubts clarified by the course teacher, and iv) Conduct the experiment. The activity i is done outside the laboratory session and other activities (ii to iv) are done during the laboratory session.
<b>5. Significance of results</b>	i) It is a kind of self-learning activity. ii) The reflective thinking is involved. iii) The student visualizes the experimental process and working of equipment involved prior to the performance thereby enhancing the effectiveness of learning. iv) The time available for hands-on practice is more and hence contributes to skill enhancement of students.

**B) Peer Review/Evaluation of the Innovative Practice**

<b>1. Name of Reviewer</b>					
<b>2. Designation</b>					
<b>3. Organization</b>					
<b>4. Evaluation of innovative practice/Peer Review</b> (Please rate on a scale of 1 to 5) 1: Below Average; 2: Average; 3: Good; 4: Very Good; 5: Excellent					
<b>Parameter of Assessment</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Innovative Practice					
Clarity of Goals					
Methodology					
Significance of results					
Reproducibility and Reusability					
<b>Comments/Critique</b>					

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Date:

Name and Signature of Reviewer

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