

Review Report

Review of Innovations by the
Faculty (Prof. M.M. Kumthekar) in Teaching and Learning
(Review to be sent to mmkumthekar.civil@dacoe.ac.in)

A) Details of Innovative Practice

1. Subject Area	Concrete Technology laboratory
2. Innovative Practice	Collabrative learning activity for effective learning
3. Goals/Objectives	i) To provide a priory information on all components of laboratory to the students ii) To make students function effectively as a member or leader of a team. iii)To use the time optimally and effectively iv) To inculcate self-learning and thinking attitude in students
4. Methodology	The steps involved are i) Mix design activity discussed with all the pertinent elements viz. Materials and Methods, Theory, Procedure, Principle, Observations, Computations, Results and Discussion, Conclusion before the start of activity. ii)One hour Mix Design Competition was conducted on "Concrete Mix Design", in association with UltraTech Cement Limited. iii) Students were also made to cast the blocks using the same mix design to check whether the design is upto to the mark or not. iv)The students were given problems to solve using various pozzolonaic materials and variations were made into the problem.
5. Significance of results	i) It is a kind of self-learning activity. ii) The reflective thinking is involved. iii) The student understand the significance of mix design and its implication on the activities on site during construction process. iv) Tne student learn about various IS Codes used for carrying out the Concrete Mix Design. v) The time available for hands-on practice is more and hence contributes to skill enhancement of students.



B) Review/Evaluation of the Innovative Practice

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

Date:

Name and Signature of Reviewer