

Workshop on Flexible Pavement Design & Bituminous Mix Design

Date: 17.09. 2017

Time: 9:00 am to 02:30 pm

Smt. S.R. Patel Engineering College

Workshop Report

Objective-

The main objective of the Workshop was to understand the Flexible pavement design steps and learning bituminous mix design.

Summary:

As per the objective of the workshop, Students learned the concepts and terminologies related to flexible pavement i.e. ESWL, Design Wheel Load, Pavement Layer Composition, Failure criteria for consideration in designing of pavement etc.

After learning the conceptual design procedure of flexible pavement design by IRC: 37- 2012. Students prepared a bituminous mix mould as per the procedure of bituminous mix design for DBM grading. Marshal stability test was performed in laboratory to calculate the optimum bitumen content by conducting 5 samples of bituminous mix.



Course Participant:

Workshop was organized for the students of 5^hSemester, Civil Engineering.

Workshop In charge:

Prof. H.V. Patel

Prof. Vineet Jain