

Gap Analysis

Semester	Course Name	Gap Identified	Modes of delivery to cover the gaps	POs mapped
III	Building Construction & Practices	Concept of Mivan Technology/Technique for formwork & shuttering	Guest Lecture by Mr. S.R. Mahadik	2,5,7 & 10
IV	Surveying & Levelling	Method of contours & interpolation	Mini Project (Extra)	1,2,4,5,7,9,10,11 & 12
V	Structural Design – I	Techniques of fabrication & erection of plate girders	Guest Lecture by Mr. Ajit Gijare	2,5,7 & 10
VI	Structural Design – II	Types of formwork for R.C. members	Site Visit	2,4,5,7 & 10
VI	Structural Design – II	Knowledge of latest R.C. Design software	Training program on ETABS	1,2,3,5,9,10 & 12
VI	Advanced Surveying	Digital Elevation model	Video lecture	2,5,7 & 10
VII	Structural Design – III	Failure cases of water tank	Guest Lecture by Dr.A.G. Khandeshe	2,5,7 & 10
VIII	Water Resources Engineering-II	Components of lift irrigation scheme	Site Visit	2,4,5,7 & 10
VIII	Quantity Surveying & Valuation	Use & awareness of software related to estimation	Training program on Autoscan & Autosteel	1,2,3,5,9,10 & 12
VIII	Water Resources Engineering-II	Application of Remote Sensing in River Engineering	Guest Lecture by Prof. R.A. Oak	2,5,7 & 10
VIII	Water Resources Engineering-II	Irrigation & Power outlet provided in gravity & earthen dam	Site visit to Koyna Dam, Nira Deodhar dam & Temghar dam	2,4,5,7 & 10