

No.	Course No.	Course Title	Weekly hours		Credits	Pre-requisite	Learning Type
			Theoretical	Practical			
41	0704541	Matrix structural analysis	3	0	3	0704441	blended
			Introduction to matrices and their operations, methods of solving linear and simultaneous equations with matrices, theory of elasticity, introduction to structural analysis using matrices, analysis of beams, networks and frames with matrices, matrices of straight elements, calculating stresses, spacing beams, building matrices for different elements and methods of solving them using the computer.				