

No.	Course No.	Course Title	Weekly hours		Credits	Pre-requisite	Learning Type
			Theoretical	Practical			
32	0704482	Pavement Materials and Design	3	0	3	0704381	blended
			Pavement types and definitions, soil classification for highway purposes, bituminous material types and tests, uses of asphalt in highways, design of bituminous mixtures by Marshall Procedure. Analysis of rigid and flexible highway pavement stresses (one layer system), Pavement layers, calculations of equivalent single axle load, design of rigid and flexible highway pavement by AASHTO procedure.				