

No.	Course No.	Course Title	Weekly hours		Credits	Pre-requisite	Learning Type
			Theoretical	Practical			
22	0704381	Transportation Engineering	3	0	3	0705203	blended
			<p>Introduction to transportation systems, the field of transportation engineering, role of transportation in society economics, social, political, and environmental, operational and vehicular characteristics for all modes of transportation, Traffic control devices, pavement markings, object marking, delineators, studs, signs, and channelization, introduction to traffic signal timings. Rail transportation, Urban rail transit, railway cross section, Urban rail transit cross section, Air transport demand, and selection of airport site and runway orientation, Airport passenger terminal area. Water transportation including marine structures, classes of harbors and planning and design of port facilities, <u>Introduction to Intelligent Transportation Systems (ITS)</u>.</p>				