No.	Course No.	Course Title	Weekly hours		Credits	Pre-requisite	Learning Type
			Theoretical	**Practical**			
		Steel Structures (1)	3	0	**3**	0704341	face-to-face
28	0704454	Structural properties of steel, allowable stresses and safety factor, members under the influence of standard and cyclic tensile, steel design codes. Principle of steel design using Load Resistance Factor Design method (LRFD), analysis and design of flexural members, analysis and design of compression members, elastic and inelastic buckling of columns, local buckling of steel members, analysis and design of beams, lateral- torsion buckling, design of built-up sections, couple moments of beams. Interaction formula for beam-columns, design of beam columns, beam bearing plate and base column plates, simple bolted and welded connections, eccentrically loaded connections.					