Degree Plan for Master of Science in Structural Engineering

Minimum No. of Credits for the Degree Plan = 30					
Core courses = 15 Credits					
Course Code	**Course Name**	**Credit Hours**	**Contact Hours**		**Pre-requisites/Co-requisites**
			Theory	**Practical**	
CIVL601	Finite element methods	3	3	0	
CIVL602	Advanced concrete technology	3	3	0	
CIVL603	Advanced structural dynamics	3	3	0	
CIVL604	Advanced reinforced concrete design	3	3	0	
CIVL605	Research and statistical methods	3	3	0	
Elective Courses = 09 Credits					
CIVL611	Theory of elasticity and plasticity	3	3	0	
CIVL612	Earthquake resistant design of structures	3	3	0	
CIVL613	Advanced solid mechanics	3	3	0	
CIVL614	Matrix method of structural analysis	3	3	0	
CIVL615	Advanced steel structures	3	3	0	
CIVL616	Structural Masonry	3	3	0	
CIVL617	Advanced numerical methods in structural engineering	3	3	0	
CIVL618	Advanced foundation engineering	3	3	0	
CIVL619	Special topics in structural Engineering	3	3	0	
Research= 06 Credits					
CIVL700	Thesis	6	0	6	