

NIRMA UNIVERSITY
Institute of Technology
School of Engineering
Master of Technology - Civil Engineering
(Computer Aided Structural Analysis and Design)
Semester- II

L	T	P	C
0	0	10	5

Course Code	6CL191
Course Name	Minor Project

Course Outcomes:

At the end of the course, students will be able to –

1. propose planning of appropriate structural forms
2. analyze and design structures using computational tools
3. build detailed design report and structural drawings.

Syllabus:

The student(s) shall carry out a project in the domain of structural engineering.

The project shall consists of structural forms & it's modelling, analysis, design and detailing of Reinforced Concrete, Steel and Composite structures.

The student(s) shall use an appropriate computational tools for carrying out the minor project.

The student shall submit a detailed design report and structural drawings at the end of the project.

L= Lecture, T= Tutorial, P= Practical, C= Credit

w.e.f. academic year 2019-20 and onwards