**Structural Design of Concrete Structure Using E-Tabs**

**Abstract:**

In the world of technology and evolution, the field of civil engineering has also grown in various
dimensions. Earlier the analysis and sustainability of the civil structures used to be paper based calculations which led to insufficient accuracy of analysis and variable factors affecting the failure of the structure through inevitable instances. But with the help of integration of various engineering fields, this determination of various characteristic changes, durability, deformation or failure caused due to hidden factors which are left out in the manual calculations i.e. paper based have converted and led this system to whole new level. Now a number of software are developed for analysis, computation and management of building of civil structures which are
highly precise. This document provides the various uses, merits of the software E-Tabs in the construction field and in the analysis of the concrete structures as well as steel structures.

**Keywords:** Analysis, Software, Structure, Highly precise, Durability, Concrete structures,

E-Tabs