

INTI TOWER

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ABSTRACT

Basically the content inside is about how to build the INTI Tower and Rotational Floor. In this project includes information which comprises two different fields which is mechanical and civil part. Civil part of this project is to design a tower using reinforced concrete. The whole tower will be design using concrete. Structural analysis is the major part of the whole building. Mechanical part in this project is to design a rotational floor. The reason to design a rotational floor is to attract more tourists and students to INTI University. The materials use to rotate the floor are Motor, gears, steel balls and shafts. The type of motor that used to rotate the rotational floor and torque must encounter. Mechanical properties of the gears, shaft and bearing also analyzed.