**Industrial Electronics Course Code EE-301**

**Department of Electronics Engineering**

**University of Engineering & Technology**

**Taxila**

**ASSIGNMENT 03**

**SEMESTER: SPRING 2015**

**Session: 2K13**

**Reading** **Assignment**

The 555 timer IC is an integrated circuit (chip) used in a variety of timer, pulse generation, and oscillator applications. The 555 can be used to provide time delays, as an oscillator, and as a flip-flop element. Derivatives provide up to four timing circuits in one package.

You are required to read its **BASIC DETAIL**, **WORKING** as well as its **APPLICATION**.

**Reference:** [**http://www.doctronics.co.uk/555.htm#pins**](http://www.doctronics.co.uk/555.htm#pins).

Note: You can also use any other reference i.e. web/book/tutorial for reading.