**ANSAL UNIVERSITY**

**Ansal Institute of Technology (IPU)/**

**School of Engineering and Technology (AU)**

**Department of EEE**

2014-15

**School S. No.:47 Dept. S. No.:EEE20**

**Title of the Project:** OIL LEVEL INDICATOR

**Student Names:** 1.Nikhil Kumar

2. Vikas Yadav

3. Prabhav Bhatt

**Project Guidance:** Mrs. Harsha Vanjani, Assistant Professor, S.E.T.

**Project Description:**

This project consists of different levels marked on a strip which indicate the different levels of oil it can measure. This project has been designed keeping in mind the oil filled in gear case of a locomotive, which constantly lubricates the main bearing. Due to some reasons, the oil is electrically conducting. Level of oil in the case is displayed on the LCD. If the oil level goes below 20%, the alarm goes off and alerts the driver in locomotive cab.

**Approx. Cost of the Project: Rs.900**