# DEVELOPMENT OF SEQUENTIAL CIRCUIT AND COUNTER TRAINING SYSTEM

Project report submitted by

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# ABSTRACT

Title:    'Development of Sequential Circuit And Counter Training
          System'

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     The main objectives of the project was the design of a
possible layout and prepare the requirements in Circuit design
for implementation of Sequential Circuit and counter training
System.

     The system was designed and constructed having in mind that
it is going to be used for experiments of students in the
laboratories therefore it should have accessibility and should
be easily handled.

     Because one of the terms of the project was that maintenance
would be easily carried out ribbon cables and there connectors
were used.  Also most of the wires were labbeled.

     Testing of the project was carried out progressively i.e.
fixing each component (display, Ic's, switches etc) and testing
if the expected behaviour was achieved using either the
oscilloscope (for the clock cct) and the multimeter (for the
power supply,continuity of wires etc).

     After testing the project, the experiments which was written
for this project were performed in order to check if they work.

     Thus all the requirements of the project were achieved and
completed.

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