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**NAME OF INSTITUTION : KENYA POLYTECHNIC
UNIVERSITY COLLEGE**

**NAME OF DEPARTMENT : ELECTRICAL AND ELECTRONICS
ENGINEERING**

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PROJECT TITLE : INFRA RED LINE FOLLOWER

COURSE OPTION : TELECOMMUNICATIONS

COURSE CODE : Et 302107

SUPERVISOR : MR. CHEGE

EXAMINATION SERIES :

**PRESENTED TO : KENYA POLYTECHNIC
UNIVERSITY COLLEGE
EXAMINATION BOARD IN THE
PARTIAL FULFILMENT FOR THE
AWARD OF DIPLOMA IN
TECHNOLOGY
TELECOMMUNICATIONS OPTION.**



PREFACE

The main aim of the project is to design and construct an infra red line follower. It was infra red detector and transmitter to detect a line and use signals generated to drive motors. Current are compared with a reference value by a comparator and then passed on to amplifier. The signal is then boosted to a level that can be used to drive the motors. The line follower would be applicable in many areas.