

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
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G.M.INSTITUTE OF TECHNOLOGY
DAVANGERE-577006, KARNATAKA



A PROJECT REPORT ON

“DATA COMMUNICATION USING POWER LINES”
(Sponsored by Karnataka State Council for Science & Technology)

Submitted in partial fulfillment of the requirement for the award of degree

BACHELOR OF ENGINEERING
IN
ELECTRONICS AND COMMUNICATION
(2011-2012)

PROJECT GUIDE

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ABSTRACT

Our main aim of the project is to design and develop a communication system in real time environment, which helps us to communicate in the places where there are no communication networks. For example this can be extensively used in Mines.

Here we are using power lines for the communication. In this project we are using the micro controller with the LCD and the DTMF keypad at the transmitter side, this is interfaced to the PLC modem. At the other end, the user has the LCD with the devices and the speech.

As we are using the power lines, we can use this in any place in the building irrespective of the environment in which its being tested.