CHAPTER FIVE

CONCOLUTION AND RECOMMENDATIONS

5.1 Conclusion:

In this project, protocol converter is discussed in details. This software captures the Ethernet frames, converts them into serial format, and sends them over a serial link. How to design simple packet formats for file transfer protocol is illustrated. The implementation details of network programming to capture Ethernet frames, conversion to serial packets and assembling the file are given.

Program Protocol Converter.c can port onto an embedded system very easily. Such embedded protocol converter is available commercially. You can implement converters for serial to parallel, parallel to serial, RS232 to USB, USB to RS232 interfaces based on the concepts discussed in this project.

After completion from this project we became able to learn how to implement a protocol converter , Understand the concepts of network programming , Gain understanding of developing software to test embedded software .

5.2 Recommendations:

1- Our ability to handle data with mismatches and buffer sizes explicitly means the user can design a converter with different configurations, different properties, and consequently different performances.

2- Design protocol converter from Ethernet to video graphical Adapter because in modern PCs there is no serial ports.

3- Extended the concept of protocol converter to be helpful in data communications and networking.

4- USB data cable is expected to be in all personal computers though that it necessary to converts protocol to be compatible with it.