

Conclusion& Recommendations

5.1 Conclusion:

The researcher concludes that the microcontroller performs various operations & gives desired output. It's aim the project to monitor the temperature, heart rate and blood pressure remotely, the design could be effectively used as communication medium in conjunction with GSM system and wireless technique (ASK). The Sensors which were designed in the developed system give accurate readings so it can be said that the developed system is characterized by low cost & accuracy. This system ensures that the patient receives medical attention in the opportunely before it is too late. The different physiological variables to be monitored & controlled remotely are sensed & converted from analog to digital form.

5.2 Recommendations:

There is always chance to improve any system as research and development is an endless process. Based on threat assessments a set of security requirements has been identified, and recommendations have been suggested for the overall patient monitoring system. The medical data can be considered as multimedia data, where the data is aggregated over a period of time and bundled with patient identity. The recommended approach is to develop a system which will enable the user to update and monitor the patient data is best for the project needs of the organization and its requirements. The user will require basic knowledge of the system and how to operate it. Also, the system is user friendly can be modified and customized as per needed. Overall, the system will reduce manual and repetitive tasks and automate a lot of tasks. For future this system will supports sending data via the Internet and would be online, also this system supports applications on the phone to facilitate the monitoring of data and control, and also to be flexible system which allows the addition of sensors to measure other vital functions.