CHAPTER 7

CONCLUSION AND FUTURE ENHANCEMENT

7.1 CONCLUSIONS

Already existing routing is not energy economical for WHAN. Thus, the planned works laid out in this thesis helps us to achieve the answer for the prevailing issue. Also the planning of a routing that is a lot of economical in energy, packet routing and packet programming in WHAN becomes a open challenge. The optimized routing path in terms of message delivery and protocol constraint is another one challenge in WHAN. The existing routing protocol isn't giving optimum results. Thus our planned optimized routing protocol beneath the cloud is intended and planned.

Even though there is lot of advent technologies to enable the efficiency of communication there are some flaws in terms of securities hence, an optimal security solution for HAN protocol becomes a challenge in the field of medical science. Also it is found that the performance of the proposed routing model for Wireless Human Area network is better than that of the existing routing methods with respect to energy efficient and data transmission. The proposed model is compared with the existing model and the comparative analysis report shows that the proposed models are efficient than the existing. The main contribution is achieved AEE MAC model. This model performs well
with respect to computational time and reliability in the context of security.

As a final point, in this research the proposed method near field coupling algorithm gives the efficient results. The detailed view and highlight of the work has been demonstrated and the objective requirements had been fulfilled and elicited from the discussion made in relevant chapters. The main contribution of the thesis is to propose a security model for secure authentication.

Literature survey stated in the previous chapters defines the state of the art of the existing protocols and its work methodologies. A detailed study and formal classification has been done for all the existing protocol on the basis of categories. The main key idea achieved with better accuracy in pervasive cloud environment.

7.2 FUTURE ENHANCEMENT

HAN with Cloud is a future technology used to deploy various pervasive modules. The basic terms of research starts with HAN and cloud; here in this article we proposed various application which in relies uses HAN protocol and cloud services for the world of pervasive titans. The scope of the proposed hybrid technology is clearly defined in the section ‘Application Tier’. The protocol states that wherever the user is, the technology follows the user.

While our future objective is to develop an advanced transceiver module with cloud backup services which runs out the two way communication mechanism between human. We enhance our work
on designing efficient routing model in pervasive cloud for WHAN at low. Since in less range, routing is not possible at the optimal rate hence future extension is fully established on enhancing the routing methods in low range for Wireless Human Area Network based mobile nodes.