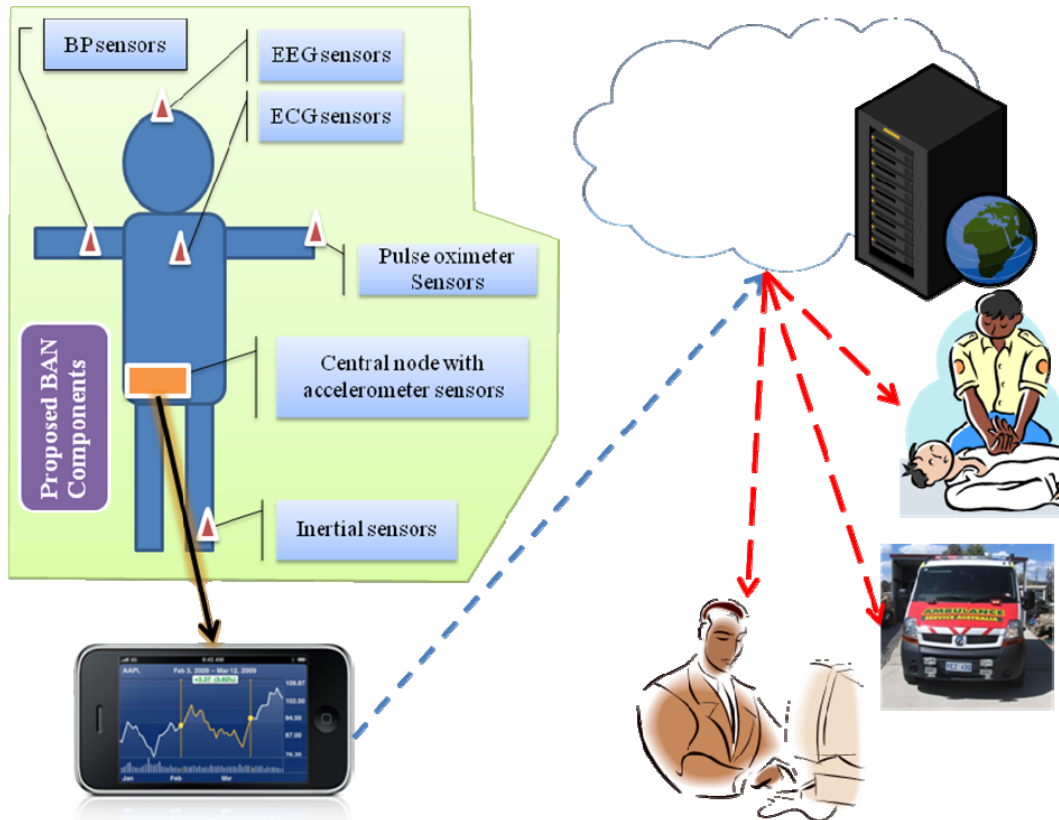


Low cost smart devices for ubiquitous health monitoring



Wireless Body Area Network Schematic

Supervisors: Prof. Marimuthu Palaniswami

Dual PhD option: Melbourne only degree (with a stay at the overseas lab for few months)

Project description: The project aims to create low cost monitoring devices for health disorders using newly emerging wireless body area network technology. This is one of the key emerging technologies for unobtrusive health monitoring. The project aims at developing point of care devices and involves design of new hardware and development of novel predictive models for real time health monitoring.

Student performance requirement: GPA of 8.5/10 or better.

Please note: the applicant must discuss with the nominated supervisor before finalising the project proposal to be submitted to the University of Melbourne. This proposal is dedicated to IIT Kanpur educated students only. The scholarship covers tuition and living expenses to work on the project. Applicants are not required to do any teaching. Duration of the PhD is 3-3.5 years and applicants can be admitted to the PhD candidature after the completion of a Masters degree or 4 year Bachelors degree from IIT Kanpur.

Rankings: The Melbourne School of Engineering is Australia's No. 1 engineering and technology school and No. 25 in the world *

Website: www.eng.unimelb.edu.au

* Times Higher Education World University Rankings 2012-2013.