



Project funded by the EU Lifelong Learning Programme
Project Reference No. 527877-LLP-1-2012-1-UK-ERASMUS-ENW

SALEIE Student Project in Assistive Technology Project 6

Project Supervisor:	Tony Ward	SALEIE partner	University of York
Project Title: Emergency Alerting Bracelet			
Project duration:		Project level	Final year (year 3 or 4) undergraduate project
Course Suitability:	Bachelor (or Integrated) Masters in Electronic Engineering		
Project Description:			
<p>The project is aimed at students who cannot hear, and in particular cannot hear the sound of an emergency alarm. The objective of the project is to design an alerting bracelet that vibrates when an alarm is sounding. The circuitry can be sophisticated in that it can be 'tuned' to listen for specific alarm sounds as opposed to just noise above a threshold sound level.</p> <p>This project links into the active <i>EU Lifelong Learning Programme "SALEIE"</i> (Strategic ALignment of Electrical and Information Engineering in European Higher Education Institutions) and the work will be aligned to the area of assistive technologies to support students with disabilities.</p>			

The project descriptions are provided and also the contact details of the project proposer for more information or to discuss potential collaboration. These project descriptions are provided as ideas for other institutions to develop projects in assistive technology. If you want to refer to these project ideas, we would ask that you acknowledge the SALEIE project as follows:

"This project idea was developed as one of the project proposals provided under the EU Lifelong Learning Programme "SALEIE" (Strategic **AL**ignment of **E**lectrical and **I**nformation **E**ngineering in European Higher Education Institutions). Project Reference No. 527877-LLP-1-2012-1-UK-ERASMUS-ENW Project funded by the EU Lifelong Learning Programme"