



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 3

Project Supervisor:	Tony Ward	SALEIE partner	University of York
Project Title: Voice control of Electronic Test Equipment			
Project duration:		Project level	Final year (year 3 or 4) undergraduate project
Course Suitability:	Bachelor (or Integrated) Masters in Electronic Engineering		
Project Description:			
<p>In this project, voice activation of items of electronic laboratory test equipment will be explored. The project is primarily aimed at items of test equipment that can be controlled by USB, Network or IEEE control bus instructions. The instruction command will be generated by a voice recognition system instead of the more conventional typed command. The project is primarily a software project and can be written as either a stand alone programme or as a web based tool. The chosen instrument(s) and range of commands should cover those normally used in undergraduate electronic experiments.</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"

<http://www.saleie.york.ac.uk>

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