



## **Addendum 1: Selected List of Projects – 2017**

Note that the idea behind these projects is to offer students an opportunity to formally publish their works. The topics listed below are part of on-going research carefully selected from research interests and collaborations from a number of academics from the School of Electrical and Information Engineering and also from the University of the Witwatersrand. It is envisaged that first preference shall be given to the following projects for inclusion in a proposal to a Special Feature of the African Research Journal on measurements and instrumentation. Reports from the selected projects that do not make it into the envisaged Special feature are to be submitted for publication to other journals and/or conferences. Principal authorship rests with academic researchers and students will have co-authorship privileges in the publications arising from the projects.

To ensure fairness with other projects only the titles are provided and the students that propose a closest match to on-going research work or most innovative proposal shall then be awarded the project. As such students shall bid for a project of their choice via the same proposal approach just like any other project. Limited consultation is available to some of the researchers but for final journal publications consultations shall be more open.

- **Feedback based accelerometer**
- **Noise source location**
- **Otoacoustic emissions measurement**
- **High temperature measurement**
- **Vehicle speed measurement**
- **Auditory Acoustic reflex measurement**
- **Auditory brain stem response measurement**
- **Cost effective jogging speed measurement**
- **Heart Rate Monitor**
- **Furnace ore very high temperature measurement**
- **Special Individual Choice (Special Motivation needed)**