



## Research Scholarships - Smart Grid Communications

A fully funded Ph.D. scholarship is available within the School of Electrical Engineering & Computer Science to work on the Smart Grid Communications research project. The research project is jointly funded by the Australian Research Council and Ausgrid. The successful student will work on one of two projects; the development of a LTE (Long Term Evolution) based wide area wireless control network for a smart grid, or modelling control and communication aspects of a Smart grid. The student will work in a group which is comprised of Academics, Industrial Researchers and Postgraduate students. The project is an industry based hence; the focus of the project is more applied and targeted.

Applicants for the Smart Grid Communications Project should have good academic background in Electrical/Electronic/Computer/Telecommunications engineering areas. The LTE project will require a good background in communications and networking area with some knowledge on electrical systems. Applicants for the control and modelling aspects of the project should have good background in control, signal processing and electrical systems area.

The positions will be initially funded for 3 years with possibility of further extension of 6-12 months. Students will receive their scholarship payment at the standard APAI (Australian Postgraduate Award Industry) rate (\$27,651 p.a. in 2011, indexed annually)

Graduates with a B.E./B.Sc degree with honours class I in above engineering areas are encouraged to apply for the position. Graduates with a B.E./B.Sc degree with honours class II Division I may apply if they have a very good academic record for the last two years (3<sup>rd</sup> & 4<sup>th</sup>) of their study. Applicants with a higher degree such as M.E./M.Phil in above areas may also apply. To submit a formal application please provide following documentations.

1. A copy of your current CV.
2. Summary of Academic records, with grades of all courses in their final two years of study.
3. Name of two academic referees and their contact email address.

For detail information about the position please contact A/Prof. Jamil Khan, Email: [Jamil.Khan@newcastle.edu.au](mailto:Jamil.Khan@newcastle.edu.au) or Telephone: +612 49216077. If the application is sent by post then please use the following postal address to submit the application. The application closes on **31 October, 2011**.

A/Prof. Jamil Khan, School of Electrical Engineering & Computer Science, The University of Newcastle, Callaghan, 2308, NSW, Australia.