PhD scholarships available in the field of nuclear energy related technologies

Do you fancy working in a challenging and rewarding field? Do you want to make a difference while doing a PhD degree and have excellent skills in materials engineering, physics or chemistry? Don’t look any further. As a collaboration program with Australian Nuclear Science and Technology Organization (ANSTO), the Institute for Superconducting and Electronic Materials (ISEM) at the University of Wollongong is offering a PhD scholarship for outstanding domestic/international students. ANSTO is Australia’s national organisation for nuclear science and technology. We focus on undertaking leading edge research, delivering innovative scientific services and specialised advice to government, industry, academia, and other research organisations. ISEM is a Flagship Research Institute at UOW offering outstanding research facilities, highly qualified academic staff members, is located in the newly established UOW’s Innovation Campus that is just a stroll away from Pacific Ocean and sandy beaches. The scholarships will be awarded on a competitive application basis with stipend of $25,406/pa (tax free).

The project aims to develop a platform technology to produce low activation isotope based superconducting materials suitable for nuclear fusion reactors. The student will be engaged in the development of low radioactive superconducting materials at ISEM and characterizing the materials using the state-of-the-art nuclear science technology at ANSTO in a close collaboration with ISEM.

The successful candidate will be enrolled as a full-time PhD student at University of Wollongong, but will equally share his/her research time at ANSTO, Lucas Heights, NSW and ISEM, Innovation Campus, Wollongong.

Applications are accepted until available PhD positions are filled, however, no later than 30th May, 2014. All potential candidates must provide their CVs (mandatory) and a maximum of 2 page research proposals (optional) addressing PhD topic and are to be sent to Dr. Shahriar Hossain at shahriar@uow.edu.au