Consultancy to upgrade course modules

Advanced software Engineering, Visual Programming and to introduce industry related undergraduate research projects into existing curriculum

Closing Date: 25th, June 2013

The faculty of Science has identified the importance of having links with the industry in order to cater to the current development trends in the country. Our future-focused programs in computer science encourage students to create, innovate and develop solutions to solve many real-world issues affecting organizations in every industry from science and engineering to business. Therefore the undergraduates should be given hands on experience in real world situations through course modules updating with industry applications and through research projects aimed at solving problems in the industry. This consultancy is aimed at introducing such changes into the curriculum so that students will be trained to be inventive and innovative when searching for solutions of real problems.

The consultant is expected to

1. Identify the weaknesses in the existing curriculum of the first two years of the degree programme and obtain the recommendations to improve the quality of some selected course units by introducing industry based applications
2. Enhance final year student research projects to produce high quality industry based software products by integrating emerging technologies, equipment and methodologies to improve employability of undergraduates
3. Improve **Advanced software engineering** and **Visual Programming** course units offered for final year students
4. Improve research and development activities by creating collaborative research groups and provide opportunities for undergraduate students to obtain research experience.
5. Workshops need to be carried out to introduce innovative teaching methods to improve quality of teaching and teaching material and also to improve undergraduate project/research activities

Qualifications & Experience

Department of Computer Science is seeking a professor/ Senior Lecturer with the research experience of more than 10 years in the field of Information Technology/ or a Manager of IT with more than 10 years of experience in the field of Information Technology to serve as a consultant for upgrading existing course modules: Software Engineering and Visual Programming and also to introduce industry related undergraduate research projects into existing curriculum under the HETC/Quality and Innovative Grant. Candidates should have a good experience in Software Engineering and Visual Programming.
Total Cost: Rs. 600,000.00 will be paid with the progress of the consultancy work (duration – 8 months).

If you are willing to take up the challenge and possess the above attributes, you may please forward your updated CV on or before 25th, June 2013 to : ***Director/OTS, University of Ruhuna, Matara.*** *(Tel: 041-2232061)* Email:**ots@admin.ruh.ac.lk**

For further details: please contact *Dr. Deepani Guruge, Head Dept. of Computer Science, Faculty of Science, University of Ruhuna, Matara (Email: deepani@cc.ruh.ac.lk)*