

PhD Studentship Opportunity

Smart Retail Supply Chain – Risk Assessment Framework

3S-Group
College of Business



Closing date for applications: 28th April 2013.

3S Group is seeking to appoint a high-quality PhD student to start his/her study in June/July 2013. This studentship is funded by the College of Business at Dublin Institute of Technology.

This interdisciplinary project involves a comprehensive investigation of the challenges/risks that confront retail chains to effectively manage their supply chain networks in such volatile uncertain global markets. Global competition and rapidly changing customer requirements are demanding numerous changes in the management environment heralding a new era requiring agile planning and lean control techniques, including recognition of the need for decision-making tools and new approaches to the arrangement of optimised retail supply chain. The aim is to deliver a decision support framework which examines the impact of the variations in product-orders, multi-suppliers, and parallel processes using different resources on supply chains. This framework will integrate simulation based optimisation approaches and lean management philosophies for process improvement in order to determine the impact of variability on the effectiveness of the retail supply chain and to provide management with a robust risk forecasting tool.

This project requires an enthusiastic candidate with interests in management, engineering and statistics. We welcome applications from suitable qualified students from across the world. The full award is open to Ireland, EU and overseas students and covers the fees and a tax-free maintenance grant.

Candidates should possess a first or upper second class honours degree in management, engineering, computer science or a related discipline and available for interview in Dublin or by phone in May/June 2013. The successful candidate must be able to take up the studentship by 9th of July 2013.

This is a unique opportunity to join a leading research group with a strong track record for the invention, development and utilisation of smart sustainable solution for complex business processes.

Informal enquiries can be made to either Dr. Amr Arisha (amr.arisha@dit.ie) or Ms. Sara Galletti (sara.galletti@dit.ie). Applications (PRG1 Form) should include a covering letter, detailed CV, and copies of all academic certificates. Applications can be posted to:

College of Business,
Dublin Institute of Technology (DIT),
Aungier Street, Dublin2, Ireland
Or alternatively emailed to: sara.galletti@dit.ie