

JOB DESCRIPTION

Senior Research Associate / Research Associate

(Mathematical Modelling, Integer Programming, Exact and Heuristic Algorithms)

Vacancy Ref: A2963-R

Job Title: Senior Research Associate / Research Associate (Mathematical Modelling, Integer Programming, Exact and Heuristic Algorithms)	Present Grade: 6P or 7P
Department/College: Management Science/ Centre for Transport and Logistics (CENTRAL)	
Directly responsible to: Professor Konstantinos G. Zografos	
Supervisory responsibility for: None	
<p>Other contacts</p> <p>Internal:</p> <p>The post-holder is required to undertake research activity and liaise with a wide range of academic and support staff including the Principal Investigator and Co-Investigators of OR-MASTER and of other research projects undertaken by CENTRAL, CENTRAL staff, LUMS Research Support Office (RSO), LUMS Marketing Office, and the Industrial Liaison Manager of the Department of Management Science</p> <p>External:</p> <ul style="list-style-type: none"> • Partners involved in OR-MASTER and other projects undertaken by CENTRAL, including fellow researchers and administrative staff. • Organizations involved in OR-MASATER and in other CENTRAL projects • Research collaborators from other Universities and industrial partners involved in CENTRAL projects. • Advisory and Executive Committees of CENTRAL projects • CENTRAL visiting researchers • Other external contacts 	
<p>Major Duties:</p> <ol style="list-style-type: none"> 1. Develop mathematical models, solution algorithms and computer applications for OR-MASTER and other projects undertaken by CENTRAL 2. Participate in project meetings and other events; prepare talks, posters, research reports, research papers, project deliverables, and other dissemination materials of the outputs of research projects. Contribute to the development of materials that will be posted to the Websites and social media. Contribute to the development of publicity and impact case related materials. 3. Participate in project events (seminars/workshops/conferences) and actively engage with organizations supporting CENTRAL's projects.. 4. Participate in National and International conferences for presenting project results. 5. Prepare progress reports. 6. Contribute to the preparation of journal papers, papers for conference proceedings, for publication and presentation of project findings. 7. Contribute to the activities of the Centre for Transport and Logistics (CENTRAL) 	