

Dr Muhammad Azmat

Assistant Professor in Logistics and SCM at Aston University

Birmingham, , GB

Dr Azmat's interests include Drone & Drone Swarms, Autonomous & Connected Vehicles, Supply Chain, and Humanitarian Logistics.

Biography

Dr Azmat is a researcher and lecturer at the Department of Engineering Systems and Supply Chain Management at Aston University. Dr Azmat has hybrid research interests, which fall right in the centre of disruptive technologies, consumer's perspective and innovative business applications. He has accomplished international projects with organizations like the Federal Procurement Agency of Austria (BBG), Highway authorities and concessioners like ASFINAG (Austria), AISCAT (Italy), Brisa (Portugal), IBTTA (USA) and Not for Profit Organizations like Kühne Foundation (Switzerland). The focus of these projects was to identify the potential impact of disruptive technologies of the 21st century like electric vehicles, autonomous vehicles, connected vehicles, Mobility 4.0, Logistics 4.0, big data and the internet of things on different business sectors. He has presented several novel ideas of using these technological advancements in commercial and humanitarian setups, for instance, a combined approach of using autonomous vehicles and drones for greater agility and minimizing time delays due to human involvement during humanitarian relief operation. Furthermore, some of his recommendations for the future of highways and highway infrastructure is under review for pilot testing and applications. He has a business and management background, with a PhD in transport, logistics and supply chain management and a Masters in supply chain management from one of Europe's finest Business universities in Vienna, Austria (accredited by EQUIS, AACSB, and AMBA). He also holds an MBA in Supply Chain Management. Dr. Azmat is an alumnus of the Oxford Leadership Program, Saïd Business School, Transport Study Unit, University of Oxford. There he completed two modules on the Global Challenges in transport, for which he was awarded a scholarship, twice.

Areas of Expertise

Humanitarian Logistics and Supply Chain, Innovation in Mobility, Supply Chain Management, Transport, H Social Sciences (General), Logistics, Logistics 4.0, Autonomous and Connected Vehicles

Education

Vienna University of Economics and Business (WU)

PhD

Vienna University of Economics and Business (WU)

MSc

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