

Biographies

Zakaria Yahia received the M.Sc. and Ph.D. degrees in Industrial Engineering from Cairo University, Giza, Egypt, in 2012 and Egypt-Japan University of Science and Technology (E-JUST), Alexandria, Egypt, in 2015, respectively. As a visiting Ph.D. student, he spent one academic year at the Tokyo Institute of Technology (TITECH), Tokyo, Japan, working on the research project “Developing a Design and Engineering Methodology for Organization (DEMO)-based simulation model for surgery room system”. From 2015 to 2017, he was an Assistant Professor with the Department of Mechanical Engineering, Fayoum University, Fayoum, Egypt. Currently, he is a Post-Doctoral Researcher with the Department of Quality and Operations Management, University of Johannesburg, South Africa. His research interests include the areas of Applied Operations Research & Simulation, Scheduling, Healthcare Management, Smart Grid Management and DEMO-Enterprise Ontology.

Pule Kholopane holds Master’s Degree in Industrial Engineering and Operations Management and several Diplomas from different institutions i.e. Economics (Turin; Italy), Production Management (PMI), Communications (Wits), Industrial Relations (Wits) and Management (Wits). He obtained his PhD degree in Engineering Management from the University of Johannesburg. Prof. Kholopane was a part-time lecturer at the Production Management Institute (PMI) and later joined the Vaal University of Technology as Head of Department and Senior Lecturer in the department of Industrial Engineering and Operations Management before joining the University of Johannesburg as a Senior Lecturer. He is a supervisor and coordinator of the M. Tech Quality and Operations Management program at the Institute and is currently the Head of the Department (HOD) and Associate Professor in Quality and Operations Management.