Brief CV

Name	Vikneswaran Munikanan	Gender	MALE	
Title (Pro./Dr.)	Lieutenant Colonel Ts Ir Dr	Country	MALAYSIA	
University/Department	Faculty of Engineering, Universiti Pertahanan Nasional Malaysia			
Personal Web Sites	-			
Research Area	Environmental Engineering, Sustainable Construction Technology and Management			

Lieutenant Colonel Ts Ir Dr Vikneswaran Munikanan is an Engineering Doctorate graduate from Universiti Teknologi Malaysia and currently is a Head of Research and Consultation Division in Centre of Chemical Defence and Senior Lecturer in Department of Civil Engineering, Faculty of Engineering, UPNM Malaysia and the Professorial Fellow of Institute for Engineering Research and Publication, Board of Editor in Young Inventors Journal and International Journal of Construction Technology and Management. A committed military officer and senior lecturer with more than 10 years' experience in teaching at Technology University of Malaysia (UTM), National Defense University of Malaysia (UPNM) and Military Academy of Malaysia (ATMA). More than 10 years of industrial experience as administrator, civil engineering designer, engineer and project manager mostly in military base projects.

He have won more than 30 Gold, Silver and Bronze Medal Innovation Award all around the world and also won Special Award in British Invention Show (BIS) in London (2017) and International Trade Fair (iENA) in Germany (2016). Have participated and presented in more than 35 conferences all over the world. Have produced 40 international conference papers and more than 30 international journals. Completed 4 research projects and now leading 5 research projects at university and national level. Member in 2 national professional bodies. Actively involved in community base projects at national and international level.

He has worked on research projects for such as Bioterrorism Readiness Plan for Malaysian Environment, Signage Implementation And Structural Enhancement For Emergency Rooftop Helicopter Landing In Disaster Prone Area, Determination of Plastic Explosive Equivalent of Commercial Explosive for the Usage in Military Application, Usage of Micro Synthetic Fibers in Concrete For Blast Loading and currently involved in projects such as Innovating An Escape Device From Second/Third Floor Window Of Linked House Incorporating Training Drill Program For Fire Escape and lead the Civil Engineering Structural and Infrastructural Design of Wave Energy Converter Project.

At UPNM he teaches courses in Civil and Environmental Engineering subjects at undergraduate level and currently supervising 7 postgraduate research students at Masters and PhD level.