



# ASEAN AUSTRALIAN ENGINEERING CONGRESS

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## AAEC2022 WEBINAR:

### SYSTEM ASSURANCE AND SCHEDULING TOOL WITHIN KUCHING URBAN TRANSPORTATION SYSTEM (KUTS) PROJECT

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This webinar will cover two of the crucial components under the implementation of Kuching Urban Transportation System (KUTS) which are System Assurance and the Use of Scheduling Tool for Project Planning.

Under System Assurance, the Khairul Shahrir Hashim will share on the System Safety including hazard management, management of Reliability, Availability, and Maintainability (RAM), Requirements Management and Electromagnetic Compatibility (EMC). Subsequently, Prabu Ganesh will touch on the evaluation criteria for choosing the right scheduling tool for the KUTS project.

#### SYSTEM ASSURANCE WITHIN KUTS PROJECT LIFE CYCLE

**Ts. Khairul Shahrir Hashim**

**Senior Project Manager - System Assurance & Requirements  
Sarawak Metro Sdn. Bhd.**

Ts. Khairul Shahrir Hashim received his BEng (Hons) in Electrical Power Engineering from Universiti Tenaga Nasional, Putrajaya, Malaysia in 2006. He is the Senior Project Manager - System Assurance and Requirements at Sarawak Metro Sdn Bhd which requires him to lead the system assurance and requirement management for KUTS Project.

Over 15 years of experience in various engineering fields, he served most of his years in the development of urban transportation systems. He did previously serve with Alstom Transport for Riyadh Metro Project Line 4, 5 & 6 in Saudi Arabia, Sapura Secured Technology Sdn Bhd for KVMRT2 Putrajaya Line and LRT3 Shah Alam Line, Araken Sdn Bhd – an engineering consultancy firm for multi railway projects and MMC Gamuda KVMRT (PDP) Sdn Bhd for KVMRT1 Kajang Line. His areas of specialization are in railway engineering including system interface and integration, System Assurance (System Safety, RAM (reliability, availability & maintainability), Requirement Management, EMC, etc) and system implementation for telecommunication, SCADA, ITS, and other railway systems.

**VENUE**  
Webinar – Online

**DATE & TIME**  
17 June 2022 (Friday) |  
2:30PM Malaysia time

**REGISTRATION IS FREE**





## SYSTEM ASSURANCE AND SCHEDULING TOOL WITHIN KUCHING URBAN TRANSPORTATION SYSTEM (KUTS) PROJECT

### USE OF SCHEDULING TOOL FOR KUTS PROJECT PLANNING

**Mr. Prabu Ganesh**

**Head of Planning Department**

**Sarawak Metro Sdn. Bhd.**

Prabu Ganesh heads the Planning Department of Sarawak Metro Sdn. Bhd. He was previously involved in Project Planning for several mega transportation projects in Malaysia such as the Ipoh-Padang Besar 2T Project, MRT1 Project and LRT3 Project.

He received his Master of Science in Project Management from University Malaya, and Bachelor (Hons.) in Mechatronic Engineering from UCSI University, Malaysia. He is also a member of ACE International (Association for the Advancement of Cost Engineering).

### MODERATOR

**Dr. Jibril Adewale Bamgbade**

Lecturer (Construction Management and Built Environment)

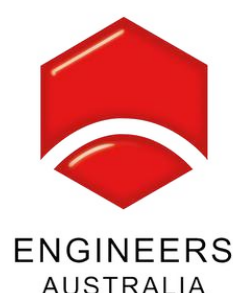
Faculty of Engineering, Computing and Science

Swinburne University of Technology, Sarawak Campus

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12-14 JULY 2022

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