

TECHNICAL TALK ON :
TNB-ILSAS DIGITAL TRANSFORMATION PROGRAM: THE ADOPTION OF EXTENDED REALITY AND DRONE TECHNOLOGIES IN TNB-ILSAS INDUSTRIAL 4.0 SOLUTIONS

Organised by Building Services Technical Division, IEM
In Collaboration with
TNB Intergrated Learning Solution Sdn Bhd (ILSAS)
Institute of Electrical and Electronics Engineers (IEEE) and The Institution of Engineering and Technology (IET)

BEM Approved CPD/PDP Hours: 2 Hours Ref No: IEM19/HQ/344/T
IET Approved CPD Hours : 2 Hours

Date : 20 SEPTEMBER 2019 (Friday)
Time : 5.30 p.m. – 7.30 p.m.
Venue : Malakoff Auditorium,
Ground Floor, Wisma IEM, Petaling Jaya, Selangor
Speaker : ASSOCIATE PROFESSOR DR. MOHD ZALIMAN BIN MOHD YUSOFF

SYNOPSIS

TNB- ILSAS has identified Digital transformation as the pillar to deliver its value to stakeholders with the consorted effort to develop a digital ecosystem that are coherence and seamless in providing better experience. The shift of the transformation is underpinned by the agility of an organization to embrace and adopt the changes for all processes and interactions, both internally and externally. For TNB ILSAS, industrial 4.0 technologies, in particular the Extended Reality and Drone technology have been identified, developed and deployed as the anchor for its digital transformation initiatives and program.

This talk is divided into two segments; the Extended Reality and Drone technologies. Rational, motivation, challenges and success stories for the deployment of Extended Reality technology will be discussed during the first segment. In addition, the future trends, potential and opportunities of Extended Reality technology in utility industry will be deliberated and discussed.

The TNB-ILSAS journey in establishing its drone academy will be covered in the second segment of this talk. Experiences and the ability to articulate the value in deploying drone technology in various TNB related projects will be shared and highlighted during this session. In conclusion, the discussion of adoption of Extended Reality and Drone Technology for TNB-ILSAS industrial 4.0 solutions is a sharing session that exhibits the aspiration to continuously improve customer value and for future growth

ANNOUNCEMENT TO NOTE

FEES

(Effective 1st October 2017)

Members

| | | |
|--------------------|---|------|
| Registration Fee | : | FOC |
| Administrative Fee | : | |
| <u>Online</u> | | RM15 |
| <u>Walk In</u> | | RM20 |

Non-Members

| | | |
|--------------------|---|------|
| Registration Fee | : | RM50 |
| Administrative Fee | : | RM20 |

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- To secure your seat, kindly register online at www.myiem.org.my

PERSONAL DATA PROTECTION ACT

I have read and understood IEM's Personal Data Protection Notice published on IEM's website at www.myiem.org.my and I agree to IEM's use and processing of my personal data

SPEAKER BIODATA



ASSOCIATE PROFESSOR DR. MOHD ZALIMAN BIN MOHD YUSOFF is the Chief Digital Officer of ILSAS since April 2017. He is also appointed as Head of Drone Academy of ILSAS, spearheading the academy to become the leading drone academy in Malaysia.

Under his guidance, ILSAS has managed to launch its Drone Academy on 2 July 2018. With strong interest and support from all stakeholders, ILSAS is on the right track to become the first accredited drone academy in Malaysia.

Prior to this, Dr. Mohd Zaliman was the Deputy Dean of College Computer Science and Information Technology, UNITEN until April 2016. He was selected to be the member of TNB Leadership Drive (session 1) and has been attached to ILSAS since 2016, undertaking assignment on leading the digitalization initiatives in ILSAS. For the last two years, under his leadership, ILSAS has successfully implemented digital learning programs including blended learning, e-learning, augmented reality and virtual reality program valued at RM 15 million. TNB Generation, TNB Distribution Automation unit, TNB BCRM, TNB procurement are among the clients of ILSAS digital Solutions.

He is an active researcher in the area of affective computing and software agent. To date, he has published more than 130 papers in local and international journals and conferences. He has won several best papers awards. Among others are the best paper awards for ***Resolving Conflicts between Personal and Normative Goals in Normative Agent Systems*** in The Seventh International Conference on IT in Asia 2011 (CITA 2011), **A Mobile Learning Framework For UNITEN** in *Teaching and Learning Seminar 2010 (TLS '10)* and **Best Presenter award** in Teaching and Learning Seminar 2009 (TLS '09), UNITEN.

Dr Mohd Zaliman has secured and involved in 23 research grants (including FRGS, ERGS and TNB funds) amounting to more than RM 2,000,000 in value. Additionally, through these researches, he has been awarded with 30 innovation competition awards at Local and international arena (5 Golds, 17 Silvers and 8 Bronzes). He was awarded by the best TNB innovation award 2015 for his work on "**Virtual Reality in managing stress for TNB manager**".

Ir. WONG WIN HENG

Chairman

Building Services Technical Division (BSTD)