

BIM-RELATED SKILL SETS

Building the future at TAR UMT

THE built environment industry was once transformed with the adoption of digital solutions, such as computer-assisted design (CAD) system.

But with the introduction of Building Information Modelling (BIM) technologies, digital adoption within the industry is set to grow exponentially for years to come.

As a comprehensive process of creating and managing built-asset information across multiple disciplines, such as architecture, construction management, quantity surveying and real estate, BIM brings a new dimension and creates a seamless collaborative working environment — from planning and design, to construction and building management.

Given this outlook, built environment students are expected to be

equipped with BIM-related skill sets if they want to become valuable assets in the construction industry of the 21st century.

Eva Selviana Sanuwar is one of the many Tunku Abdul Rahman University of Management and Technology (TAR UMT) students who are on their way to become future assets in the built environment space.

Currently pursuing her degree in construction management and economics, Eva plans to follow in her father's footsteps and pursue a career in the construction industry.

"Due to my father's occupation as a construction worker, I have always been interested in his line of work, which is why I chose to pursue construction management at TAR UMT.

"On top of the programme that I am pursuing being recognised by

the Chartered Institute of Building (CIOB) and the Royal Institution of Chartered Surveyors (RICS) in the United Kingdom, another perk of studying at TAR UMT is having lecturers who are always encouraging us to learn other important skills, such as creative and critical thinking, decision-making and effective communication.

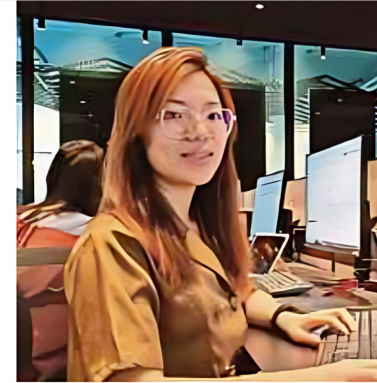
"TAR UMT has also provided me with the opportunity to learn and familiarise with BIM technologies, such as Tekla Structure, Trimble Connect, Autodesk Revit and Naviswork.

"The project planning software used include Microsoft Project and Primavera, which have expanded my skill sets tremendously. I was able to learn all these at the dedicated BIM Centre on campus," said Eva.

TAR UMT's BIM Centre is the only



Eva Selviana Sanuwar



Chen Xin Wei

Tekla Authorised Training Centre in Malaysia, giving the university's built environment students a major advantage to familiarise and master BIM technologies.

Chen Xin Wei, who is pursuing a Bachelor of Quantity Surveying (Hons) — another TAR UMT degree programme recognised by CIOB and RICS, as well as the Board of Quantity Surveyors Malaysia — has this to say: "Learning BIM technologies during my degree is definitely an advantage because upon starting my career, I can hit the ground running.

"Another plus point of utilising BIM technologies and digital construction platform while still studying is gaining experience in using software like Glodon and BuildSpace to help us streamline workflow and manage our tasks efficiently.

"But most importantly, TAR UMT has a team of dedicated and knowledgeable academics, who are all experts in their built environment disciplines. They guide students well, so we are able to get used to the complex BIM technologies.

"What I appreciate is that they always introduce situational problems during class, so we have to think on our feet and create solutions on the fly, which is good practice for us to prepare for real-life problem-solving situations," she said.

For more information about TAR UMT's built environment programmes, visit TAR UMT's Open Day at all campuses up to June 23, from 10am to 5pm. You can also call +6011 1075 8535 or log on to www.tarc.edu.my to apply online.