

<b>Program Name</b>	<b>CONSTRUCTION SIMULATION WITH BIM AND VR WITH XPOMAYA</b>
<b>About</b>	Basic hands-on Building Information Modeling (BIM) training integrated with Virtual Reality (VR) conversion and presentation
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• Produce BIM models with architectural, structural, mechanical and electrical elements; and perform cost estimation with TiffinBIM</li> <li>• Present 3D models in XpoMaya VR platform for usage in construction, education and other industries</li> <li>• Apply hands-on BIM modeling and VR presentation skills gained in this training for future usage and integration with other software</li> </ul>
<b>Who should join</b>	Industry practitioners who wish to have a quick grasp of hands-on BIM modeling with affordable authoring software and utilising BIM for VR.
<b>Pre-requisites</b>	-
<b>Module Content</b>	<p><b>DAY 1</b> IR4.0 for Construction - BIM and Simulation Technologies Intro to TiffinBIM Hands-on BIM Modelling - Architectural and Structural Part 1 - Single Storey houses</p> <p><b>DAY 2</b> Hands-on BIM Modelling - Architectural and Structural Part 1 - Single Storey houses (cont'd) Hands-on BIM Modelling - Architectural and Structural Part 2 - Double Storey houses</p> <p><b>DAY 3</b> Hands-on BIM Modelling -Mechanical, Electrical and Plumbing</p> <p><b>DAY 4</b> Hands on BIM - Data Extraction and Cost Estimation Hands-on Modelling (Architectural and Structural Part 3) - High-Rise Buildings (Demo) Integrating TiffinBIM with other modelling Software Introduction to Blender and Model conversion in Blender</p> <p><b>DAY 5</b> Exploring and Utilising XPOMAYA to Present BIM Model in 3D Web and VR Platform Course Test</p>
<b>Duration</b>	5 days
<b>Certificates (Attendance / Professional / Competency)</b>	<ul style="list-style-type: none"> <li>• Professional Certificate: TiffinBIM Modeler</li> <li>• Attendance Certificate: Construction Simulation with BIM and VR with XpoMaya</li> <li>• Optional: International Professional Certificate-BIM Basics (e-learning) by TÜV SÜD</li> </ul>
<b>Issued by</b>	Innovacia Sdn Bhd (Product Owner)
<b>Method (F2F/Online)</b>	F2F or Online
<b>Your investment</b>	RM2,750 / pax (Optional add-on for TÜV SÜD BIM certificate – RM1800/pax) / HRD Corp Claimable

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