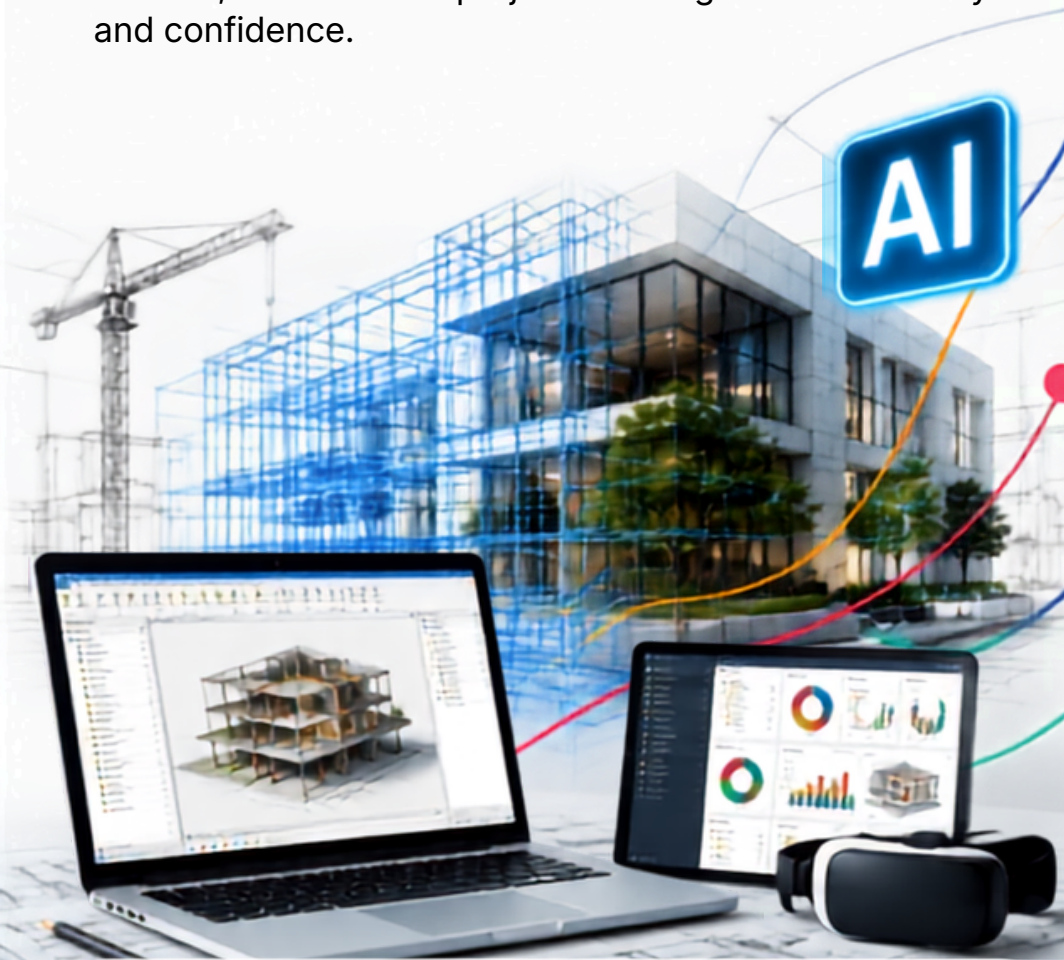




SMART BIM MANAGEMENT WITH AI

3-DAY HANDS-ON SHORTCOURSE

Integrate AI into advanced BIM workflows to streamline coordination, automate documentation, manage data smarter, and deliver projects with greater efficiency and confidence.



TVET
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FOR
PROFESSIONALS



FOR
BIM TEAMS



FOR
ARCHITECTS &
ENGINEERS



FOR
PROJECT
MANAGERS



Shortcourse
Programme

SMART BIM MANAGEMENT WITH AI

TRAINING PROGRAMME DETAILS



ABOUT THE COURSE

This course is designed for experienced BIM professionals who want to integrate Artificial Intelligence (AI) into advanced BIM workflows, coordination processes, project management, and data-driven decision-making. The programme focuses on enhancing BIM productivity, automation, clash management, documentation control, BIM coordination, and project analytics using AI-assisted workflows and industry-standard BIM platforms.



LEARNING OUTCOMES

- 1 Understand the role of AI within BIM workflows and project coordination.
- 2 Apply AI-assisted BIM management strategies for multidisciplinary projects.
- 3 Improve BIM delivery efficiency through workflow automation and AI-assisted coordination



PREREQUISITE

To ensure a successful learning experience, participants are required to have:

- ✓ Intermediate to advanced knowledge of BIM workflows.
- ✓ Working experience with Autodesk Revit and BIM coordination processes.
- ✓ Basic understanding of Navisworks, BIM collaboration, or CDE workflows is recommended.
- ✓ Experience in multidisciplinary BIM projects is an advantage.



TRAINING AT A GLANCE



DURATION
3 Days
(10:30am – 5:30pm)



CERTIFICATION
MTTC Completion Certificate



MODE
Hands-On Training



SCHEDULE
Refer MTTC website or request for 1 : 1 session

DAY 1

AI + BIM COORDINATION

- AI in BIM Industry
- BEP Enhancement using AI
- BIM Workflow Optimization
- AI-assisted Clash Detection
- Model Health Checking
- Coordination Automation

DAY 3

AI PROJECT DELIVERY

- 4D BIM Construction Sequencing
- 5D BIM Cost Monitoring
- Risk Identification
- AI Rendering & Visualization
- BIM Strategy Development
- Final AI-assisted BIM Workflow Project

DAY 2

BIM AUTOMATION & DATA MANAGEMENT

- Revit Workflow Optimization
- Automated Documentation
- Smart Annotation & Tagging
- Quantity Extraction
- CDE Collaboration
- BIM Data Analytics



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Scan to learn more about us!