



Applied Workshop for **Building Information Modeling (BIM)**

Building Information Modeling (BIM) is a novel tool, based on information technology that has revolutionized the life cycle management process of construction projects. The abundant benefits of using BIM in construction projects in various fields, reduced waste, and increased productivity, have led to the rapid applications of this progressive tool in construction projects around the world. Meanwhile, in recent years, this technology has found its way to Iran and has become a favorite technology among many construction industry pioneers in the country. Currently, its applications are growing fast in the country's construction projects. However, the proper use of this new tool requires sufficient knowledge of its various dimensions. In this workshop, the basics and various dimensions of building information modeling are taught to the participants. This training-applied workshop is held with the following objectives:

1. Training BIM concepts interactively,
2. Practical training of BIM capabilities using Revit software,
3. Introducing the planning steps for implementing BIM in construction projects to the participants

The topics that can be presented in this workshop are as follows:

Topic 1: BIM, a tool to conquer the productivity challenge in construction projects

Topic 2: Introducing building information modeling (BIM) capabilities

Topic 3: Levels of Development of building Information Modeling (BIM)

Topic 4: Introducing the Revit software

Topic 5: Strategic Plan for BIM Implementation in Project-Based Organizations

Topic 6: BIM Execution Plan (BEP) in construction projects

February, 1st 2022

Workshop duration:

4 hours

Workshop Presenters:



Dr. Amin Alvanchi



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