

Introduction to Autodesk REVIT Software for Building Information Modeling (BIM)



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Speaker:

He has obtained Bachelor's Degree in Mechanical Engineering from KC College of Engineering & IT (PTU), Nawanshahr (Punjab).

He is an expert in Drafting + 3d Modeling in Auto CAD/ GTX Raster AutoCAD Autodesk Raster Design, Revit Architecture, Revit Structure, Revit MEP & BIM 360. He is also an expert in Modeling in Solid Works / NX CAD / CATIA / Creo Parametric / Inventor Professional / Alias Design / Fusion 360.

He is currently holding the post of Technical Expert – Manufacturing at Vinsys IT services (I) Pvt Ltd since October 2016. Vinsys is the sole distribution Partner for Autodesk Education Program in India-SAARC, Middle East Africa and Australia & New Zealand where we manage the entire Education Partner network.

He has worked as the Technical Manager-Trainings from July 2014 to October 2016 and as a CAD Trainer from Feb 2011 to July 2014 at Hi-Tech Point Technologies Pvt Ltd. Hi-Tech Point technologies is an Autodesk Authorized Training Institute in Chandigarh.

He has worked as CAD Designer for Perennial Landscape from February 2012 to October 2016 at Perennial Landscape provides landscape Designing Services in North Indian states.

Content covered

- BIM Program Summary
- Knowledge of BIM definitions
- What does BIM mean?
- BIM process and standards
- Moving smoothly from CAD to BIM
- BIM execution plan, Major benefits to using a BIM execution plan
- BIM levels, Level of development
- Level of detail,
- Level of maturity,
- BIM uses
- Lack of BIM
- Mandatory information for all phases, Interoperability
- What is BIM manager?
 - 3 important questions
 - What should I look for in a BIM manager?
 - What are the roles and responsibilities of a BIM manager?
 - What are the challenges of a BIM manager?
- IFC (Industry foundation class)
- The tools
- List of BIM software and providers

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Abstract:

Autodesk REVIT is prominent software which is drastically increasing its utilization for Building Information Modelling today. Revit supports a multidiscipline design process for collaborative design (Architectural, Structural, Mechanical, Electrical). Its powerful tools let you use the intelligent model-based process to plan, design, construct, and manage buildings and infrastructure.

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