

PREFACE

- Revit is the best BIM solution in the international market.
- Autodesk acquired the company in 2002. The Revit user base is adding hundreds of thousands of users annually. After 22 years in Autodesk, Revit enjoys the number one spot in BIM solutions in the world.
- If you are from a university or from a design or construction company and decided to use Revit Architecture rather than any other BIM solution, you made the right choice, as Autodesk is a very stable and successful company that makes profits every year!
- This book is a comprehensive book about Revit Architecture 2025. It is a very handy tool for teachers in colleges and universities who are using Revit 2025.
- This book will not teach the reader architecture design. It is a pre-requisite for this book that the reader possesses adequate knowledge of architecture design and its components.
- This book can be used as instructor-led or teach-yourself:
 - As for the first option, the estimated time would be three to four days, eight hours a day (a total of twenty-four to thirty-two hours)
 - As for the second option, the reader can take it up at his or her convenience.
- At the end of each chapter, you will find “Chapter Review Questions” that will help you test yourself.
- There are fifty-seven exercises spread all over the book to help the reader implement what he or she has learned.
- This book teaches the Architectural part of Revit 2025.

PREREQUISITE

- The author assumes that the reader has enough experience in using computers and has working experience in using the Windows operating system.
- Also, the reader should have the basic knowledge of starting new files, opening an existing file, saving and saving as files, closing files with or without saving, and exiting the software.
- These commands are almost the same for all software packages. With this said, the author will not go through these subjects except to show some specific things about Revit Architecture.

EXERCISES

- We prepared two sets of exercises, one for metric units (mm) and the other for imperial (inch, ft).
- The companion files include both sets of exercises. Copy the suitable set to your computer before you start reading this book.
- In the exercises, you will find the metric dimension first, then the imperial dimension within parentheses.