BIM for Construction Training schedule for
Adichunchanagiri Institute of Technology, Chikkamagaluru.

Sl.No	*Date*	*Morning Session*	*Afternoon Session*	*Remarks*
1	23-05-2022	A Division	B Division	
2	24-05-2022	A Division	B Division	
3	25-05-2022	A Division	B Division	

Title	**BIM for Construction**
Duration	30 hrs
Certificate	Course Completion Certificate from Autodesk.
Prerequisites	Working knowledge on Architectural design, drafting, or engineering experience is highly recommended

Description: Autodesk Revit is building information modeling software for architects, structural engineers, MEP engineers, designers and contractors. It allows users to design a building and structure and its components in 3D, annotate the model with 2D drafting elements, and access building information from the building model's database. Revit is 4D BIM capable with tools to plan and track various stages in the building's lifecycle, from concept to construction and later demolition.

Autodesk Revit Architecture is used by architects and other building professionals to help reduce risk, obtain insight into how buildings will perform before construction begins, develop better quality designs, and improve project delivery. For example, a school of architecture may use Revit Architecture as the software of choice to help its 600 full-time students gain real-world experience using a BIM workflow to build high-impact 3D models. In the case of an engineering and architectural services firm, Revit Architecture may be used to fast-track the complex design and construction of a building that wraps around distillery processing equipment and allow for a high level of future maintenance and improvements. Ultimately, Revit Architecture is used to create accurate building designs while minimizing the time it takes to coordinate and design in a virtual environment. This, in turn, allows ideas to be worked through faster and helps to maintain better consistency across Projects.

1	**Introduction to Autodesk Revit Architecture**
2	**Basic Drawing and Editing Tools**
3	**Datum Elements - Levels and Grids**
4	**Drawing and Modifying Walls**
5	**Doors, Windows and Components**
6	**Curtain Walls, Floors, Roofs**
7	**Construction Documents**
8	**Massing and Site Design**
9	**Rendering and Visualization**
10	**Importing and Exporting**
11	**Conceptual Design/Visualization**