

Grasshopper 3D Training

- **Interface, Navigation, Display**
- **Canvas, Params & Components**
- **Connections**
- **Icons**
- **Data Matching**
- **Data Creation**
- **Series**
- **Range**
- **Fibonacci Series**
- **Random and Jitter**
- **Pattern Creation**
- **Horizontal patterns**
- **Circular patterns**
- **Grids**
- **Exercise with Extrude**
- **Transformation**
- **Transformation – Move, Scale, Rotate, Array, Mirror**
- **Organising Data**
- **Data Lists**
- **Data Trees**
- **Excercise**
- **Attractors**
- **One point attractor effect in XY plane**
- **One point attractor effect in Z direction**
- **Two Points Attractors**
- **Curve Attractors**
- **Curve & Surface Evaluation**
- **Curve and Surface Evaluation**
- **Proliferation of objects on surface**
- **Rotating objects on surface using an attractor**

- Non-uniform surface Evaluation
- Morphing
- Concept of Box Morph
- Surface Box
- Box Morph with Attractor
- Conditional Box Morph
- NURBS creation
- NURBS
- Mesh Creation
- Mesh – Part 1
- Voronoi Designs
- Voronoi 2d
- Voronoi 3d
- Voronoi on any geometry
- Image Sampler
- Design using an Image Input
- Weave
- Weave Surface Creation
- Graph mapper
- Using Graph mapper to control placement of Points
- Fabrication
- Project

Grasshopper is an algorithmic modeling plugin for Rhino that uses a visual programming language, developed by David Rutten as an official plugin of Rhino. **Grasshopper** allows you to reference Rhino geometry objects from it (points, curves, surfaces, etc.), create geometry or bake **Grasshopper** geometry back into Rhino.

Grasshopper is a plug-in for **Rhinoceros 3D** modeling software. It gives us a visual interface for building algorithms that generate geometry in **Rhino**.

Rhinoceros with **Grasshopper** is a robust 3D modeler for architecture, engineering, fabrication, and construction. Rhino enhances a team's ability to execute creative building form.

Rhino combined with Grasshopper is an ideal toolset to generate dynamic associated geometries such as NURBS surfaces, meshes and solid models. Grasshopper can support sophisticated dynamic models used to explore design solutions. Go far beyond what has been previously possible to design or fabricate with the additional information Grasshopper can generate.

NOTE

Duration of training is lump sum 35 hours but it's up to learner, so it doesn't matter how much time you will take to complete the training. If your grasping level is good then it will be completed in 25 hours only. We charged fee for course not for days/hours/months.

Please call/whatsapp or Email us for further queries.

Duration	: 35 Hours
Training Mode	: Online or Classroom (Offline)
Daily Hours	: 1-2 Hour
Fee	: INR 18000.00, USD 390.00



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