



INTERNATIONAL
INSTITUTE OF
GEMOLOGY
POWERED BY SRDC SINCE 1965



Digital 3D Modelling - Sculpting Essentials

Digital 3D Modelling and Sculpting Essentials course is a powerful digital software used primarily in the creation of 3D models, particularly for highly detailed characters, creatures, and objects. It empowers the artists to create intricate and realistic 3D artwork. It not only allows artists to shape, carve, and mould digital models but also offers various brushes, customizable sculpting options, and techniques for detailing and refining models.

WHAT WILL YOU LEARN?

Zbrush fundamentals - The user interface, navigation, and essential tools

Jewellery specific techniques - Specialized techniques for jewellery design, including sculpting, detailing, and gemstone rendering

Creating custom jewellery - Custom jewellery pieces, from concept to the finished 3D model

Precise gemstone modeling - Demonstrate techniques for creating realistic gemstones

Intricate filigree and patterns - The art of crafting intricate filigree work, detailed patterns, and fine textures

3D printing readiness - Guide students in preparing their designs for 3D printing, with emphasis on resolution, scale, and support structures

Surface detailing - Advance methods to create realistic textures for metals and gem settings

Portfolio development - Create a professional jewellery design portfolio

Industry best practices - Provide industry insights trends and client expectations to prepare students for jewellery projects

Advanced workflows - Integration with CAD software, rendering, and presentation techniques for a comprehensive skill set in jewellery design

Program ID

IIG310 DMSE

Duration in Hours

40 Clock Hours

Program Length

8 Weeks

(May vary based on holidays and other scheduled breaks)

What You Earn?

**Digital 3D Modelling -
Sculpting Essentials Certificate**

Who Should Pursue?

**CAD Enthusiasts
Students seeking career in CAD
Jewellery Business Owners
Jewellery Retail Owners
E-Commerce Jewellery Retailers
Jewellery Designers
Jewellery Merchandiser
Product Developers
Concept Designers**

Batch Timings

Morning: 10 am to 1 pm

Afternoon: 2 pm to 5 pm

Mode of Learning

Offline - Online

Campus

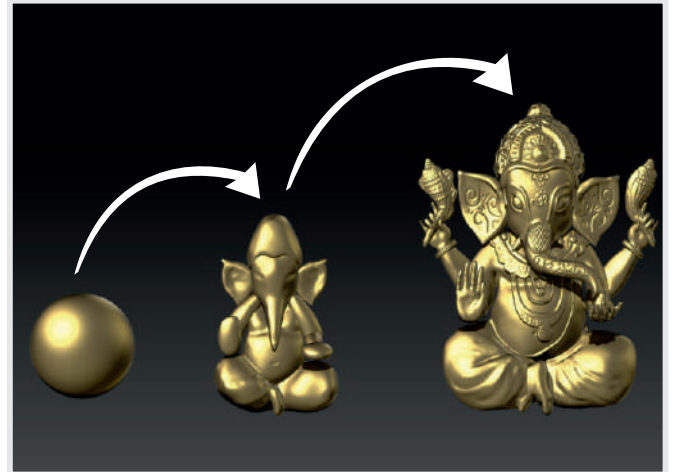
**Mumbai, Surat, Kolkata,
Bengaluru**

ABOUT INTERNATIONAL INSTITUTE OF GEMOLOGY (IIG)

International Institute of Gemology (IIG) was established in the year 1965. We have educated more than 1,00,000 skilled professionals over the 5 decades of being in the industry. With over 25 specialized courses spread across Gems and Jewellery education array, we have the best-of-the-class professors conducting them.

Being an institute that believes in excellence, we offer programs of gems and jewellery education in not just Indian, but international languages too. Some of our programs are also recognized by the University of Mumbai. Every program holds global credibility.

It is our constant endeavor to develop individuals with a global vision who have a passion for gems and are visioned to turn that passion into expertise. In an industry built on a standard template, we believe in delivering tailored solutions for each of our students.



Since 1965

Imparting Excellence
in G&J Education

5,000+

Successful Designers
Graduated

100%

Market Oriented
Practical Curriculum

3D Design

Latest Licensed
Software



- ☐ Globally recognized programs, certified by University of Mumbai
- ☐ Hands on training by industry experts & experienced faculties
- ☐ Most successful placement assistance with industry renowned Jewellery Houses
- ☐ Business/startup advisory as well as professional advise on Jewellery Business Consultancy
- ☐ Flexibility in duration, learn at your pace, one on one focus
- ☐ In-depth knowledge about creative designing and jewellery manufacturing methods
- ☐ Understanding jewellery design concepts, rendering, coloring, budgeting etc.
- ☐ Industry/Market visits such as field trips, museums, exhibitions, factories and manufacturing units
- ☐ Excellent opportunities for networking to boost your reputation as a skilled jewellery designer
- ☐ DMSE study materials
- ☐ Free lifetime guidance and mentoring
- ☐ IIG alumni club membership



If you're considering studies at the International Institute of Gemology, we'd love to hear from you online or meet you on campus.

OFFICE HOURS

Monday - Friday 09:00 - 17:30
Saturday - 09:00 - 14:00

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