



Jewellery Design CAD Professional

Jewellery Design CAD Professional program allows one to improve their creative designs & skills through computer aided technology. It enhances designing skills in 2D and 3D designing models. The students will be provided with professional and comprehensive knowledge of understanding the designing techniques in Computer Aided Design.

WHAT YOU WILL LEARN?

Introduction to Rhinoceros 7 & MatrixGold (Licenced Version)

Software interface and tools
Introduction to 3D modeling
Using editing tools to create a 3D model
Introduction to subD for clay modeling
Surface modeling (creating solitaire ring)
Solid modeling (twisted rings/ pendants/ earrings)
Editing solid models
Modeling different types of rings
Modeling earrings
Modeling different components of a jewellery
Analyzing a 3D model
Modeling according to industry standards
Weight calculation of a 3D model
Introduction to computer aided manufacturing
Exporting a 3D model for CAM
Understanding parametric techniques
Using editing tools of MatrixGold
Blending curves (infinity ring)
Creating bypass/ split/ cathedral ring bands
Gem cutter (For pave and channel settings)
Prong cutter
Using smart flow to create design on ring shank
Editing solid models
Modeling different types of ring
Stone setting techniques in MatrixGold
Modeling according to client brief
Modeling according to industry standards
Weight calculation of a 3D model
Digital rendering in MatrixGold
Exporting a 3D model for CAM



MATRIXGOLD

Program ID

IIG304 JDCP

Duration in Hours

120 Clock Hours

Program Length

14 Weeks

(May vary based on holidays and other scheduled breaks)

What You Earn?

**Jewellery Design CAD
Professional Certificate**

Who Should Pursue?

**CAD Enthusiasts
Students seeking career in CAD
Jewellery Business Owners
Jewellery Retail Owners
E-Commerce Jewelry Retailers
Jewellery Designers
Jewellery Manufacturers
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
- ☐ JDCP 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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