



Masters In Jewellery Design & Manufacturing

Embark on a transformative journey in our **Masters In Jewellery Design & Manufacturing** program, where creativity meets craftsmanship. From mastering design fundamentals and understanding various settings to exploring CAD/CAM technology and honing retail sales skills, students delve into the intricate world of jewellery creation. Through hands on experience in manufacturing techniques, from traditional craftsmanship to modern CAD design, students develop the skills and expertise needed to succeed in the dynamic jewellery industry.

## WHAT YOU WILL LEARN?

### JEWELLERY DESIGN MANUAL PROFESSIONAL

- Understanding basic elements and principles of design
- Conceptual design building, research and execution
- Different types of settings involved: Prong, pave, bezel, etc.
- Precious metals and textures involved in jewellery
- Different types of rings - traditional, cocktail, engagement, etc.
- Briefing various manufacturing methods and techniques
- Rendering of gemstones and diamonds
- Analysis of hand ornaments and their forms
- Budgeting and estimation of designs
- Making professional portfolio for jewellery industry

### JEWELLERY DESIGN CAD PROFESSIONAL

- Introduction to Rhino 7 and Matrix Gold Interface & Tools (**Licensed Version**)
- Using editing tools to create a 3D model
- Solid Modeling (twisted rings/ pendants/ earrings)
- Modeling different types of rings
- Modeling according to industry standards
- Understanding parametric techniques
- Using editing tools of MatrixGold
- Stone Setting techniques in MatrixGold
- Weight calculation of a 3D model
- Digital rendering in MatrixGold

### JEWELLERY RETAIL SALES AND MERCHANDISING

- Fundamentals of merchandising
- Organised process to plan with price pyramid
- Product costing, budgeting in Indian/International markets
- Role and responsibilities of a jeweller and sales associate
- Steps or stages of a successful sales
- Brand positioning and visual merchandising of the retail stores
- Sale analysis and inventory cycles with proper case studies

### JEWELLERY MANUFACTURING TECHNIQUES

- Introduction to jewellery manufacturing techniques
- Handling tools and machines with safety measures
- Understanding metallurgy and handling metals both ferrous and non-ferrous
- Learning basic work bench process
- Jewellery making: Rings, earrings, bangles, etc.
- Different Metal Finishing Techniques

#### *Program ID*

**IIG300 MIJDM**

#### *Duration in Hours*

**510 Clock Hours**

#### *Program Length*

**52 Weeks**

(May vary based on holidays and other scheduled breaks)

#### *What You Earn?*

**Masters In Jewellery Design & Manufacturing Diploma**

#### *Who Should Pursue?*

Jewellery Designers  
Jewellery Merchandisers  
Jewellery Manufacturers  
Auctioneers-Researchers  
Jewellery Business Owners  
Jewellery Production Managers  
Jewellery Exhibition Managers  
Retailers-Wholesalers

#### *Batch Timings*

**Morning: 10 am to 1 pm  
Afternoon: 2 pm to 5 pm**

#### *Mode of Learning*

**Offline - Online - Hybrid**

#### *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

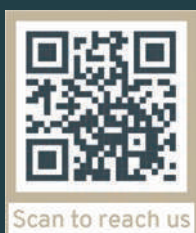
### 3D Design

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
- ☐ MIJDM kit & 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

[f](#) [X](#) [@](#) [in](#) [v](#) [/iigofficial](#)

#### BRANCH

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