



Masters In Gems-Jewellery & Manufacturing

The **Masters In Gems-Jewellery & Manufacturing** – Elevate Your Expertise, Master the Craft. IIG's premier program blends theory, hands-on training, and industry exposure, covering Gemology, Jewellery Design, and Manufacturing. Learn gem identification, market trends, creative design, and advanced production techniques. This course hones your skills, bridging concept to creation. Master your craft with IIG's flagship program!

WHAT YOU WILL LEARN?

MASTERS IN GEMOLOGY

- Gemstone classification – Family (15) & Variety names (145)
- Physical, optical and chemical properties of a gemstone
- Gem manufacturing process, various shapes & cutting styles
- On-sight identification method of gemstones
- Characteristic inclusions for identification
- Diamond grading as per International clarity & color grades
- Identify simulants, synthetics, doublets etc. comparing to their original counterpart
- Gemstones according to planets (navagraha), birthstones & as per zodiac signs
- How to prepare laboratory report / gem testing report

MASTERS IN JEWELLERY DESIGN

- Understanding basic elements & principles of design
- Knowledge about conceptual design building, research and execution
- Different types of settings involved: prong, pave, bezel etc.
- Briefing various manufacturing methods and techniques
- Introduction to Rhinoceros 7 and Matrix Gold
- 3D Modeling according to Industry Standards
- Weight Calculation of a 3D model
- Fundamentals of merchandising
- Organized process to plan with price pyramid
- Product costing, budgeting in Indian/International markets
- Jewellery retail process and features of visual merchandising

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

IIG700 MIGJM

Duration in Hours

840 Clock Hours

Program Length

72 Weeks

(May vary based on holidays and other scheduled breaks)

What You Earn?

Masters In Gems-Jewellery & Manufacturing Diploma

What you earn?

Gem Enthusiasts
Amateur Gem Collector
Gemstone Dealer
Jewellery Retailer
Jewellery Designers
Jewellery Merchandiser
Jewellery Manufacturers
Auctioneers / Researcher

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 experienced 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

25,000+

Gemstones Specimens
to Identify

- ☐ Globally recognized programs, certified by University of Mumbai
- ☐ Hands on training by industry's experts & experienced faculties
- ☐ Most successful placement assistance with industry renowned Jewellery Houses
- ☐ Business/startup advisory as well as professional advise on Jewellery Business Consultancy
- ☐ Training with latest gemological equipment and microscopes for precise and practical knowledge
- ☐ Flexibility in duration, learn at your pace, one on one focus
- ☐ Collaboration with world renowned The Gemmological Association (Gem-A), London
- ☐ Collaboration with Gem Color Academy - Gemewizard, Israel
- ☐ Industry/Market visits such as field trips, museums, exhibitions, factories and manufacturing units
- ☐ MIGJM tool 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

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BRANCH

701, 7th Floor,
Crescent Plaza,
Telli Galli, Andheri (E),
Mumbai - 400 069.

[☎](#) +91 74 000 87183

[✉](#) inquiry@iigindia.com

HEAD OFFICE

1508, Panchratna Bldg,
M. Parmanand Marg,
Near Opera House,
Mumbai - 400 004.

[☎](#) +91 93 222 62357

[✉](#) info@iigindia.com

Mumbai | Surat | Kolkata | Bengaluru | Hong Kong