



INTERNATIONAL
INSTITUTE OF
GEMOLOGY
POWERED BY SRDC SINCE 1965



Masters In Gems & Jewellery

The **Masters In Gems and Jewellery** is a supreme course of IIG which focuses on a student's over all development both theoretically and practically. In one hand Gemology imparts expertise and knowledge of the world of gemstones, their market values, trends and terminologies, where as Jewellery Design approaches all of the different techniques and working methods of jewellery and bijou craftsmanship.

WHAT YOU WILL LEARN?

MASTERS IN GEMOLOGY

- Deep dive into "World of Gemstones"
- Gemstone classification – Family (15) & Variety names (145)
- History of gemstones - present & future
- 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
- Classification - Organic and Inorganic gems
- Exotic & rare gemstones collection
- Diamond grading as per International clarity & color grades
- Identify simulants, synthetics, doublets etc. comparing to their original counterpart
- Instruments used for practical identification of gemstones – microscopes, refractometer, Spectroscope, dichroscope, polariscope, U.V. light, S.G. liquid, hardness testing instruments, filters & 10x loupe
- Gemstones according to planets (navagraha)
- Gemstones of the month - birthstones & as per zodiac signs
- How to prepare laboratory report / gem testing report
- Certification & project work
- Study about different origins and world markets for gemstones

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.
- Analysis of precious metals and textures involved in jewellery
- Briefing various manufacturing methods and techniques
- Rendering representation of gemstones and diamonds
- Introduction to Rhinoceros 7 and Matrix Gold
- 3D surfaces and solid commands
- 3D Modeling according to Industry Standards
- Weight Calculation of a 3D model
- Digital Rendering in Rhino and Matrix Gold
- Exporting a 3D model for CAM
- 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
- Making professional portfolio for jewellery industry

Program ID

IIG100 MIGJ

Duration in Hours

690 Clock Hours

Program Length

62 Weeks

(May vary based on holidays and other scheduled breaks)

What You Earn?

**Masters In Gems & Jewellery
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
- ☐ MIGJ 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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