



Masters In Gemology

Masters In Gemology imparts expertise and knowledge to the world of gemstones and enables the student to get a fair idea to identify, grade and value gemstones together with the market dynamics, trends, and terminologies.

WHAT WILL YOU LEARN?

ROUGH GEMSTONE

- Formation & types of rough gemstones
- Mining & global origins of gemstones
- Visual appearance, habit & growth patterns
- Crystal systems of colored stones (cubic, hexagonal, trigonal, etc.)
- Cutting feasibility & yield estimation

GEMOLOGY GRADUATE

- Gemstone Classification: Families & varieties
- Physical, optical & chemical properties
- Phenomena & luster in gemstones
- Grading Parameters: Beauty, rarity & durability
- Inclusions for identification
- International clarity & color grading
- Identification of natural vs. treated gemstones
- Simulants, synthetics, doublets & triplets comparison
- Gemstone identification with instruments: microscope, refractometer, spectroscope, dichroscope, polariscope, UV light, SG liquid, hardness testing, filters, 10x loupe
- Market trends & current treatments

ROUGH DIAMOND

- Introduction & History: Origins, mining, major deposits & famous diamonds
- Formation & Sources: Diamond production & global mining locations
- Types of Rough Diamonds: Syndicate, Australian, Russian, South African, Coated
- Crystallography & optical & physical properties
- Rough Diamond Model Assortment: Makeable, sawable, cleavable.
- Expected Yield - Weight & yield estimation

DIAMOND GRADUATE

- Origins & mining of diamonds
- Rough diamond types & optical properties
- Clarity Grading: Internal & external features
- Color Grading: Standards, fancy colors & fluorescence
- Cut Grading: Proportions, polish & symmetry
- Carat Weight: Estimation & tools
- Diamond Certification: GIA, AGS, HRD
- Identifying diamonds vs. simulants (CZ, moissanite, synthetics)
- Clarity & color enhancement treatments (HPHT & CVD)
- Costing & valuation (rapaport pricelist)
- Buying, selling & diamond trade terms
- Diamond care & customer relationship management
- Exclusive: Venus grading system® (VGS®) at IIG

LAB-GROWN DIAMOND IDENTIFICATION

- Introduction to Lab-Grown Diamonds
- Creation methods (HPHT & CVD)
- Grading & certification
- Identification & treatments
- Market trends & consumer preferences

Program ID

IIG101 MIG

Duration in Hours

330 Clock Hours

Program Length

22 Weeks

(May vary based on holidays and other scheduled breaks)

What You Earn?

Masters In Gemology Diploma

Who Should Pursue?

Gem Enthusiasts
Amateur Gem Collector
Gemstone Dealer
Jewellery Retailer
Jewellery Designers
Astrologer
Business Professional
Estate Jewellery Dealer
Gemologist
Lab and Research Professional
Valuer/Appraiser
Importers/Exporters

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
- ☐ MIG tool kit & study materials
- ☐ Free lifetime guidance and mentoring
- ☐ IIG alumni club membership



Scan to reach us

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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