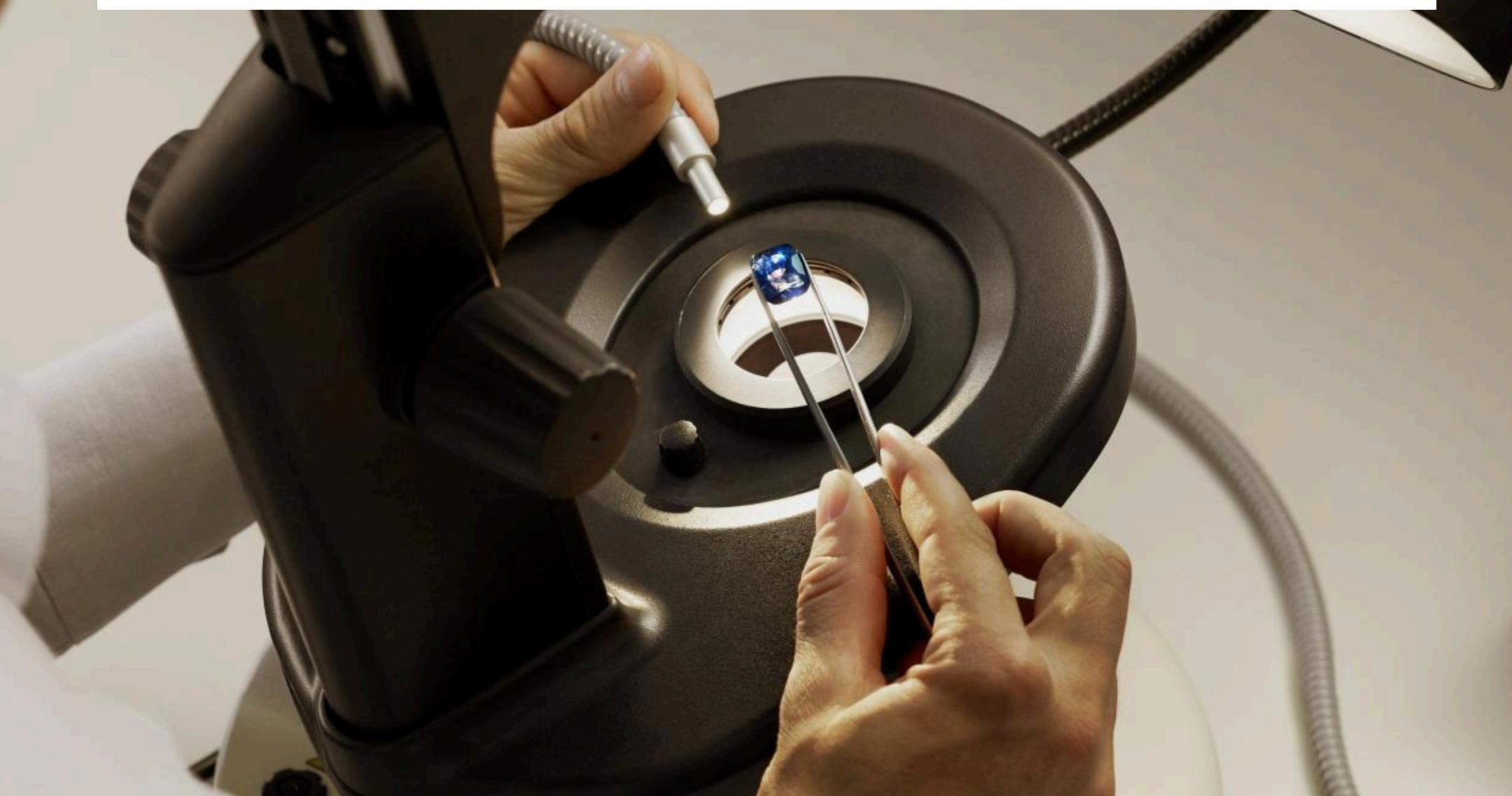


# Prospectus



Our Course structure meets all requirements with knowledge & skill for all sectors of gem industry.

[www.igaworld.in](http://www.igaworld.in)

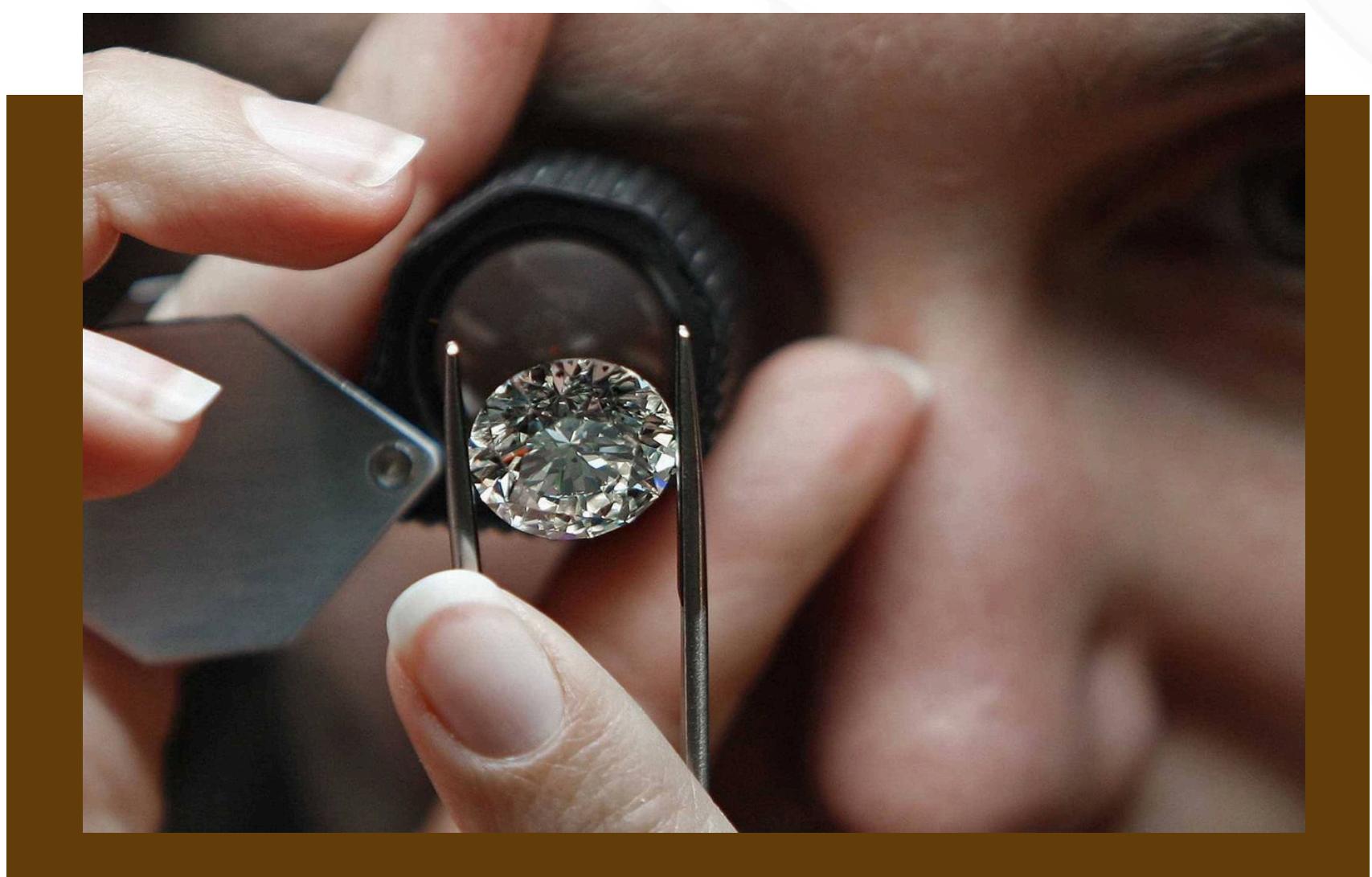


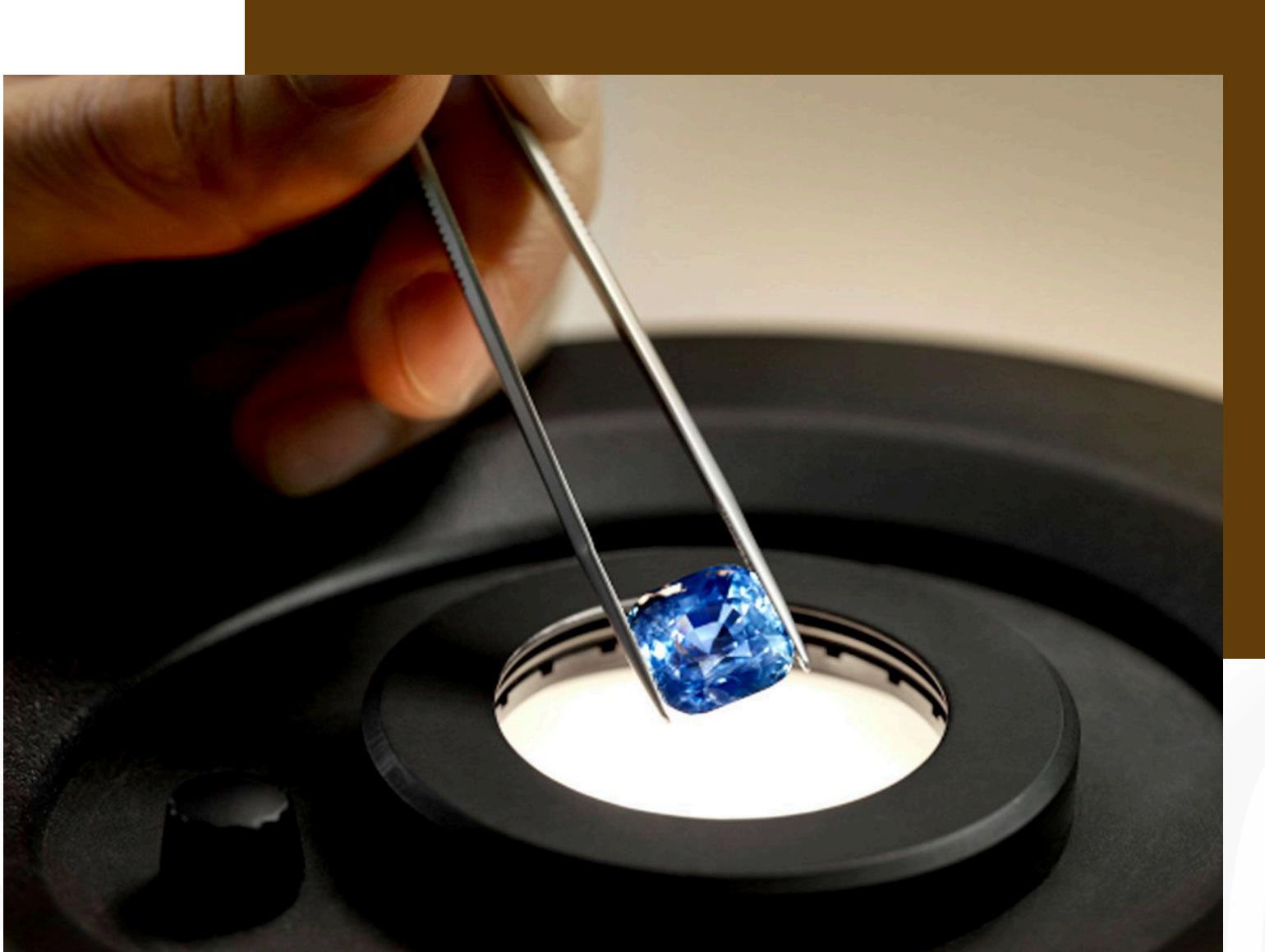
# About Us

The International Gemology Association (IGA), is an approached worldwide organization specifically formed to benefit the Gemological industry. It has a concept of worldwide network to develop a common language for promotion and consistent standards necessary to improve international communication. IGA provides direct access to the source for Gemstones and related information. IGA has given our industry just such an environment and the Association has worked diligently to accomplish its objectives:

To provide gemological training:

- To address technical and promotional issues related to the industry.
- To research for scientific solutions to problems involving precious stones.
- To establish international communication between the researchers, professionals & traders.
- To work with related organizations to standardize rules and nomenclature.
- To publish journals that includes original research and mining, lapidary, marketing and promotion.
- To maintain and perpetuate ethical standards among members.
- To be the authority to the world on any subject involving colored gemstones.





- Gemstones and Diamonds are an important part of world culture. Since time immemorial, people have coveted both precious and semi-precious stones such as diamonds, sapphires, emeralds, rubies and the like for their astrological significance. Gemstones were also looked upon as symbols of power and prosperity. Day by day the utility of these precious stones goes high and high.
- The technology of finding gemstones, grading and evaluating them and processing them for the end user has changed radically. Gemology, the science of the study of gemstones, has emerged as a new line of study and as a new career path for job seekers. It is also very useful for traders, suppliers and end-users.



Now-a-days everyone seeks quality assurance and the gems industry is no different. The owners want to posses the best of gems to showcase it to their prospective buyers or retailers. The retailers on their part want to give the best to the customers and outdo other competitors. Finally, the end-user also wants genuine and high quality gems and gem encrusted jewellery for personal use.

### **Scope of Course in Industries**

- Mining industry
- Jewellery making and designing units
- Jewellery shops and showrooms
- Gem exporting organizations
- Manufacturers producing Gemological instruments and gem cutting and polishing tools
- Units specializing in the cutting and polishing of gemstones
- Top notch goldsmiths
- Various gem evaluation and testing laboratories
- Gemstone and precious metal grading and quality certifying agencies
- Industries manufacturing synthetic or artificial gems
- Antique and art auction houses

# Job Prospects

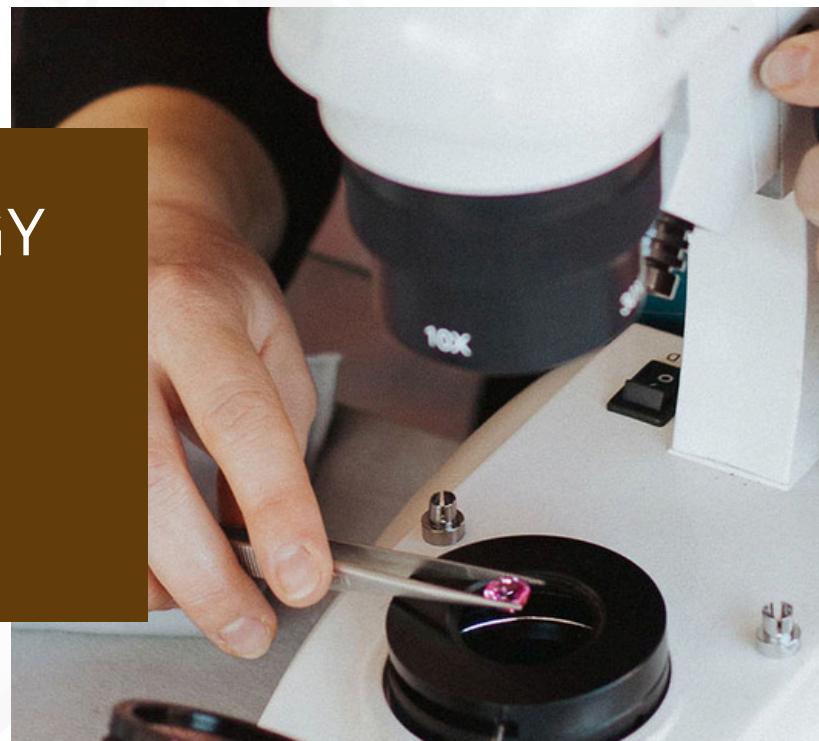
The job prospects for a Gemologist are plenty. You can look for employment in a wide variety of places. You can enter the mining or the gem exporting industry. Then there is the scope to work in the jewellery designing and jewellery retailing business. You can also find ample of opportunities in industrial units specializing in gem cutting and polishing and treatment of rough gems. In fact, the diamond polishing industry in India is one of the largest foreign exchange earning sectors in the country. Other options include opportunities in gem and precious metal evaluating and testing laboratories and gem certifying bodies. Furthermore, you can look for a job in units producing gemological tools and instruments and those manufacturing artificially created gemstones. Last but not the least you can take up a teaching assignment in any of the institutions offering courses in gemology or even set up your own independent unit.



# Our Regular Courses

Our Courses provide detailed and elaborated information regarding the identification of different gemstones. Also, some of these short term courses are: Gem Identification Certificate course, Diamond Grading Certificate course. The curriculum of these programs incorporates the study of various techniques and instruments that are used in the gemological industry. These courses also provide students with hands on experience on gemological related tools and instruments by way of practical tests.

**DIPLOMA IN GEMOLOGY  
(NAVRATNA  
IDENTIFICATION)[DIG]  
( 2 months )**



**DIPLOMA IN DIAMOND  
GRADING [DDG]  
( 2 months )**

# Our Regular Courses

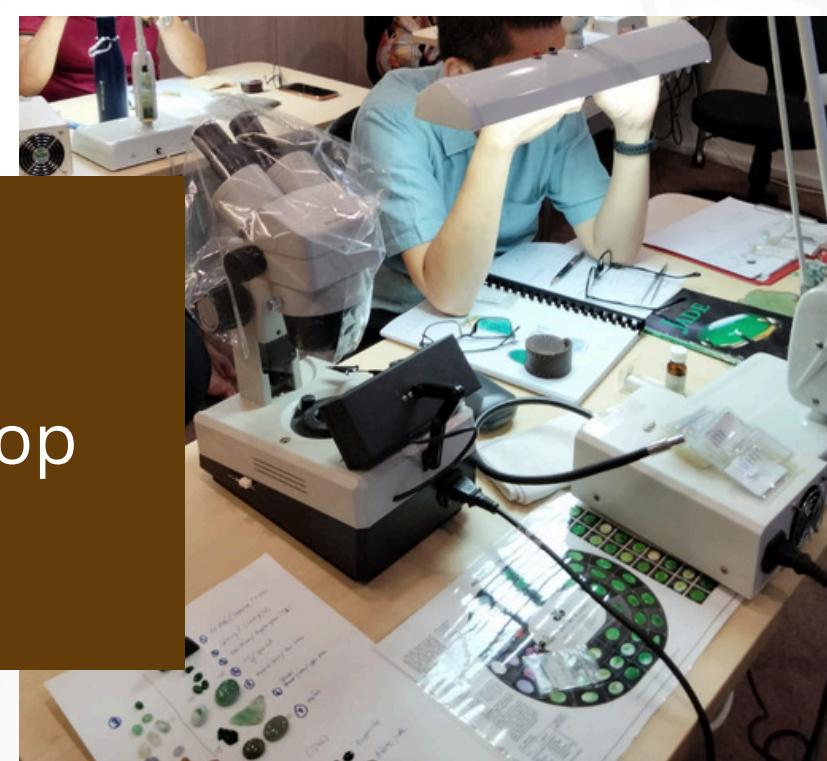
ADVANCED DIPLOMA IN  
GEMOLOGY (NAVRATNA  
IDENTIFICATION) [DIG]  
( 6 months )



ADVANCED DIPLOMA IN  
DIAMOND GRADING  
[DDG]  
( 6 months )



ESSENTIAL  
Gemological Workshop  
( 3 Days )



# Course - 1 :

## Diploma in Gemology (Navratna Identification) (DIG)

**Beginner Level - 2 Months**

Duration : 8 Weeks | 3 classes per week (2 Theory + 1 Practical )

Total Online Sessions: 24

### Theory

- Introduction to Gemology & History
- Basic Crystallography & Mineralogy
- Physical & Optical Properties of Gemstones
- Classification of Precious & Semi-Precious Stones
- Common Synthetic & Imitation Stones

### Practical

- Introduction to Gemology Tools (loupe, tweezers, UV lamp, penlight etc.)
- Handling & Care of Gemstones
- Basic Stone Identification (color, luster, transparency, inclusions)
- Practice with 5-6 common gemstones

### Outcome

- Foundation knowledge in gemology
- Confidence in handling basic tools
- Beginner Certificate in Gemology
- Starter Toolkit (10x Loupe, Tweezers, Cleaning cloth, Sample stone CZ)



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# Course - 2 :

## Diploma in Diamond Grading (DDG)

**Beginner Level - 2 Months**

Duration : 8 Weeks | 3 classes per week (2 Theory + 1 Practical )

Total Online Sessions: 24

### Theory

- Introduction to Diamonds & Their Formation
- History of Diamond Trade
- Diamond Structure & Crystallography
- Understanding the 4Cs (Cut, Color, Clarity, Carat)
- Introduction to Diamond Shapes & Cuts
- Common Diamond Imitations & Simulants (CZ, Moissanite, Glass)
- Diamond Treatments (laser drilling, fracture filling, HPHT)

### Practical

- Introduction to Diamond Grading Tools (loupe, tweezers, penlight, master stone set)
- Using a Loupe for Inclusions & Blemishes
- Basic Cut & Proportion Observation
- Color Grading with Master Stones (intro level)
- Weight Estimation & Carat Checking
- Identifying Simulants with Simple Tests

### Outcome

- Beginner Certificate in Diamond Grading
- Starter Toolkit (10x Loupe, Tweezers, Cleaning cloth, Practice stone CZ)



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# Course - 3 :

## Advance Diploma in Gemology (Navratna Identification) (ADIG)

**Advance Level - 6 Months**

Duration : 24 Weeks | 2 classes per week (1 Theory + 1 Practical)

Total online/Offline Sessions: 48

### Theory

- Precious Stones in Depth: Ruby, Sapphire, Emerald etc.
- Semi-Precious & Rare Stones (Tourmaline, Kynite etc.)
- Advanced Optical & Physical Properties (RI, Birefringence, Pleochroism etc.)
- Treatments & Enhancements in Gemstones
- Gemstone Valuation, Pricing & Market Trends
- Introduction to Lab Testing & Certification
- Gem Trade Ethics & Business Basics

### Practical

- Hands-on with advanced gemology tools (refractometer, spectroscope, dichroscope, polariscope, UV lamp etc.)
- Diamond Grading Basics (4Cs)
- Identification of treated vs natural vs synthetic gems
- Preparing Gem Identification Reports
- Practice sessions with diverse gemstone sets
- Mock trade session (buying, selling, valuation practice)

### Outcome

- Certificate after final exam in Gemology
- Gemology Toolkit (10x Loupe, Tweezers, Cleaning cloth, Practice stone CZ)
- Ready for careers in gemstone business, jewelry trade.



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# Course - 4 :

## Advance Diploma in Diamond Grading (ADDG)

**Advance Level – 6 Months**

Duration : 24 Weeks | 2 classes per week (1 Theory + 1 Practical)

Total online/Offline Sessions: 48

### Theory

- Advanced Understanding of the 4Cs
- Cut: Proportions, symmetry, polish, light performance
- Color: D-to-Z scale, fancy colored diamonds
- Clarity: Inclusions, blemishes, plotting, clarity grading scales
- Carat: Advanced weight estimation & proportion impact
- Fancy Shapes & Their Grading Criteria
- Advanced Diamond Treatments & Lab-Grown Diamonds
- Market Valuation & Pricing
- Ethical & Legal Aspects of Diamond Trade

### Practical

- Master Stone Set Color Grading (D-Z scale)
- Fancy Color Diamond Observation & Identification
- Clarity Plotting Exercises (using microscope & loupe)
- Cut Analysis: Proportions, symmetry, light return observation
- Carat & Weight Estimation with proportion charts
- Identification of Lab-Grown vs Natural Diamonds (HPHT, CVD detection basics)
- Creating Full Diamond Grading Reports

### Outcome

- Certificate in Diamond Grading after exam
- Toolkit (10x Loupe, Tweezers, Diamond cloth, CZ samples for practice)



# Course - 5: Essential Gemological Workshop (EGW)

## Basic Level - 3 Days

Duration : 3 Consecutive Days (2 Theory + 1 Practical)

Total online/Offline Sessions: 3

### Day 1 – Fundamentals of Gemology

- Introduction to Gemology & Its Importance
- Overview of Precious & Semi-Precious Gemstones
- Physical & Optical Properties of Gemstones
- Basics of Gemstone Formation & Classification

### Day 2 – Gem Identification Concepts

- Introduction to Gemology Tools & Their Uses
- Natural vs Synthetic vs Imitation Stones
- Understanding Gemstone Color, Luster & Transparency
- Treatments & Common Enhancements in Gemstone

### Day 3 – Hands-On Gem Identification

- Handling and Care of Gemstones
- Using Loupe & Tweezers for Observation
- Basic Stone Identification (color, clarity, inclusions)
- Practice Session with Sample Stones

### Workshop Outcome

- Foundation knowledge of gemstones
- Practical experience with gem handling & identification
- Participation Certificate awarded at the end
- Gemology Toolkit included for each participant



# Pathway Outcome

- Start with basic workshops → build curiosity & basics
- Progress into beginner courses → structured learning & tools
- Advance into professional-level courses → certification & industry readiness

By following this pathway, students gradually build practical skills, professional knowledge, and certifications, supported by toolkits at each stage, ensuring they are fully prepared for careers in gemstone business, diamond grading, jewelry or trade.

## Special Notes

- Students interested in any course are requested to contact us at +91 98362 82767 or +91 97482 29422.
- Theoretical and Practical Classes will be arranged as per the schedule decided by the authorities, or after discussion with the students (subject to approval of the authorities).
- The venue of classes will be decided by the authorities and must be followed by all students.
- Fees once paid are neither refundable nor transferable.
- A minimum of 95% attendance is compulsory to be eligible for examinations.
- For distant students, study materials will be provided in soft copies. Assignments and project work must be submitted to qualify for the final examination.
- Every student must strictly follow the rules and regulations as framed by the institution.



# Thank You

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"Discover the art and science of gemstones with our comprehensive Gemology Program. Designed with a perfect balance of theory and hands-on practice, this course equips learners with essential knowledge, professional tools, and real-world skills to identify, grade, and value gemstones with confidence. Whether online or offline, our structured curriculum ensures international standards of learning, culminating in a recognized certification and a complete gemology toolkit to begin your journey as a gemstone professional."

For further information, please visit our website  
**[www.igaworld.in](http://www.igaworld.in)**  
or contact us at E.mail: **[info@igaworld.in](mailto:info@igaworld.in)**