INTERNATIONAL INSTITUTE OF GEMOLOGY
POWERED BY SRDC SINCE 1965



Certification Course In Silver Assaying

Welcome to the **Certification Course In Silver Assaying** course a transformative journey for professionals seeking mastery in evaluating silver's quality and integrity. In this essential study, delve into lab safety, metallurgy, and advanced analytical techniques like XRF. Discover the art of silver testing through gravimetry and potentiometry, overcoming major analysis challenges along the way. With a deep dive into hallmarking regulations (IS2112), equip yourself to uphold silver's excellence across industries globally.

WHAT YOU WILL LEARN?

Theory Content

Chapter 1 : Lab Safety Practices
Chapter 2 : Basic Metallurgy of Silver
- Introduction with periodic table and crystal structure of Silver
- Basic physiochemical and metallurgical properties of Silver

Chapter 3 : Sampling Techniques for silver jewellery
Chapter 4 : Preliminary analysis
Chapter 5 : XRF Principle and Instrumentation
Chapter 6 : Silver testing with Gravimetry and Potentiometry
- Major Challenges in Silver analysis
- Basic Introduction about Silver analysis and overview of is 2113

Chapter 7 : Hallmarking - Rules and Regulations Is2112

Practical Content

1. XRF Instrument verification with standard strip
2. Practical hands on with XRF instrument (atleast with 4 different purity samples)
3. Practical Hands on with gravimetric technique (2 Complete cycles)
4. Practical Hands on with Potentiometric technique (2 Complete cycles)

Program ID
IIG702 IAGES-SA

Duration in Hours
30 Clock Hours

Program Length
2 Weeks
(May vary based on holidays and other scheduled breaks)

What You Earn?
Certification Course In Silver Assaying Certificate

Who Should Pursue?
Jewellery Artisans
Jewellery Designer / Freelancer
Jewellery Consultant
Jewellery Merchandiser
Jewellery Manufacturer
Jewellery Business Owner
PD Executive/ Mananger
Jewellery Practitioners
Retailers / Wholesalers
Auctioneers / Researchers

Batch Timings
Morning: 11 AM to 1 PM
Afternoon: 2 PM to 4 PM

Mode of Learning
Offline - Online

Campus
Mumbai, 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

- ☐ 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
- ☐ Free lifetime guidance and mentoring
- ☐ IIG alumni club membership

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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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