



PROGRAMS & COURSES

Discover ISGJ's industry-focused programs and courses to master the art and science of gems and jewelry!

UG & PG DEGREE PROGRAMS

MBA

MBA IN JEWELLERY BUSINESS MANAGEMENT

BBA

BBA IN GEMS & JEWELLERY MANAGEMENT

EXECUTIVE DIPLOMA PROGRAMS

MP

MASTER PROGRAM IN GEMS & JEWELLERY

JDT

DIPLOMA IN JEWELLERY DESIGN & TECHNOLOGY

CERTIFICATE PROGRAMS

SCHOOL OF DIAMONDS

PDG

POLISHED DIAMOND GRADUATE PROGRAM

RDG

ROUGH DIAMOND GRADUATE PROGRAM

ADD

ACCREDITED DIAMOND DIPLOMA PROGRAM

SDA

SMALL DIAMOND ASSORTMENT PROGRAM

SCHOOL OF JEWELLERY

JDM

JEWELLERY DESIGN PROGRAM - MANUAL PROGRAM

AJDM

ADVANCE JEWELLERY DESIGN - MANUAL PROGRAM

JDC

JEWELLERY DESIGN - CAD MATRIX PROGRAM

AJDC

ADVANCE JEWELLERY DESIGN - CAD MATRIX PROGRAM

PJD

PROCREATE JEWELLERY DESIGN PROGRAM

JM

JEWELLERY MANUFACTURING PROGRAM

JSM

JEWELLERY SALES & MARKETING PROGRAM

ZJD

ZBRUSH JEWELLERY DESIGN PROGRAM

CJD

CORELDRAW JEWELLERY DESIGN PROGRAM

SCHOOL OF GEMOLOGY

GG

GRADUATE GEMOLOGIST PROGRAM

GI

GEMSTONE IDENTIFICATION PROGRAM

NG

NINE GEMSTONES IDENTIFICATION PROGRAM





MBA - IN JEWELLERY BUSINESS MANAGEMENT

DURATION: 2 Years

ELIGIBILITY: 12+3 in any discipline

R CERTIFICATION: Postgraduate Degree

PROGRAM OVERVIEW

The MBA in Jewellery Business Management combines business principles with the unique dynamics of the global jewellery industry. Designed for passionate individuals, it covers design, marketing, retail, finance, and international trade, preparing graduates for leadership in a vibrant, evolving market. Explore key areas:

- Jewellery Brand Management, Marketing, and Retail Operations
- Jewellery Design, Production, and Customization
- International Trade, Export, and Buying & Merchandising
- Luxury Brand and jewellery Retail Business Management
- Online jewellery Brand Development and E-commerce
- Gems & Jewellery Market Analysis and Consultancy
- Luxury jewellery Consulting and Brand Specialization
- Custom Jewellery Design Studio and Innovation
- Retail Management and Operations in Global Markets

- Jewellery Designer or Product Manager
- Marketing Manager or Brand Strategist
- Retail Manager or Operations Specialist
- Buyer or Merchandiser for luxury jewellery brands
- Entrepreneur in jewellery manufacturing, retail, or e-commerce









COURSE OUTCOMES

- Build a strong foundation in jewellery business management.
- Gain insights into jewellery production and design processes.
- Develop expertise in jewellery marketing and branding strategies.
- Master financial and strategic management in the jewellery sector.
- Explore global trade and supply chain dynamics.
- Cultivate entrepreneurial and leadership skills.
- Acquire specialized knowledge in digital & e-commerce jewellery markets.
- Learn market analysis of the global gems and jewellery industry.
- Gain practical exposure through internships, guest lectures, and industry visits.

WHO MUST JOIN?

- Recent graduates passionate about gems and jewellery.
- Professionals transitioning to the jewellery industry.
- Entrepreneurs looking to grow their ventures.
- Individuals combining creativity with business skills.

With insights into ethical consumerism, digital transformation, and globalization, this MBA opens doors to rewarding careers in one of the most vibrant industries. Graduates are equipped to lead and innovate in a rapidly evolving global market.







BBA - IN GEMS & JEWELLERY MANAGEMENT

O DURATION: 3 Years

ELIGIBILITY: 10+2 in any discipline

CERTIFICATION: Undergraduate Degree Program

PROGRAM OVERVIEW

Our Jewellery, Gems, and Luxury Accessories program is a 3-year undergraduate specialization. It offers students a deeper understanding of diverse topics in jewellery, gems, diamond, and luxury accessories design, and builds expertise in the tools and techniques to translate their visions into products.

Our program prepares you to explore disciplinary boundaries and encourages lateral thinking through skillbuilding courses and educational methods.

At ISGJ - The Gems & Jewellery College, you will learn the art of jewellery design, grading diamonds, identifying gemstones, and creating luxury products in state-of-the-art studios, as well as research and presentation techniques. As part of the curriculum, students will travel to domestic and international destinations and explore opportunities to interact with professionals working across the jewellery market, including exhibitions, museums, luxury jewellery stores, jewellery manufacturing factories, business conferences, galleries, etc.

- Jewellery Designer
- Auction House Jewellery Specialist
- Colored Stone Buyer
- Diamond Buyer
- Diamond Sorter/Grader
- Lab Gemologist
- Inventory Control Specialist
- Jewellery Business Owner
- Jewellery CAD Specialist

- GemLab and Research Professional
- Jewellery Merchandiser
- Retailer
- Jewellery Sales Associate
- Wholesaler
- Diamond Manufacturer
- Jewellery Sales & Marketing











SEMESTER 1

- Principles of Management
- Business Communication
- Business Mathematics
- Fundamentals of Design
- Basic Jewellery Design
- Gemology
- Precious Metal Casting
- Computer-Aided Design (CAD)

SEMESTER 2

- Marketing Management
- Entrepreneurship
- Human Resource Management
- Retail Management
- History of Jewellery
- Advanced Jewellery Design
- Diamond Grading
- Gemstone Identification
- Jewellery Photography

SEMESTER 3

- Financial Management
- International Business
- Operations Management
- E-Commerce
- Jewellery Merchandising
- Jewellery Packaging and Display
- Jewellery Valuation and Appraisal
- Jewellery Manufacturing Techniques

SEMESTER 4

- Business Law
- Business Environment
- Quality Management
- Supply Chain Management
- Intellectual Property Rights
- Sales and Distribution Management
- Jewellery Retail Design
- Jewellery Retail Operations

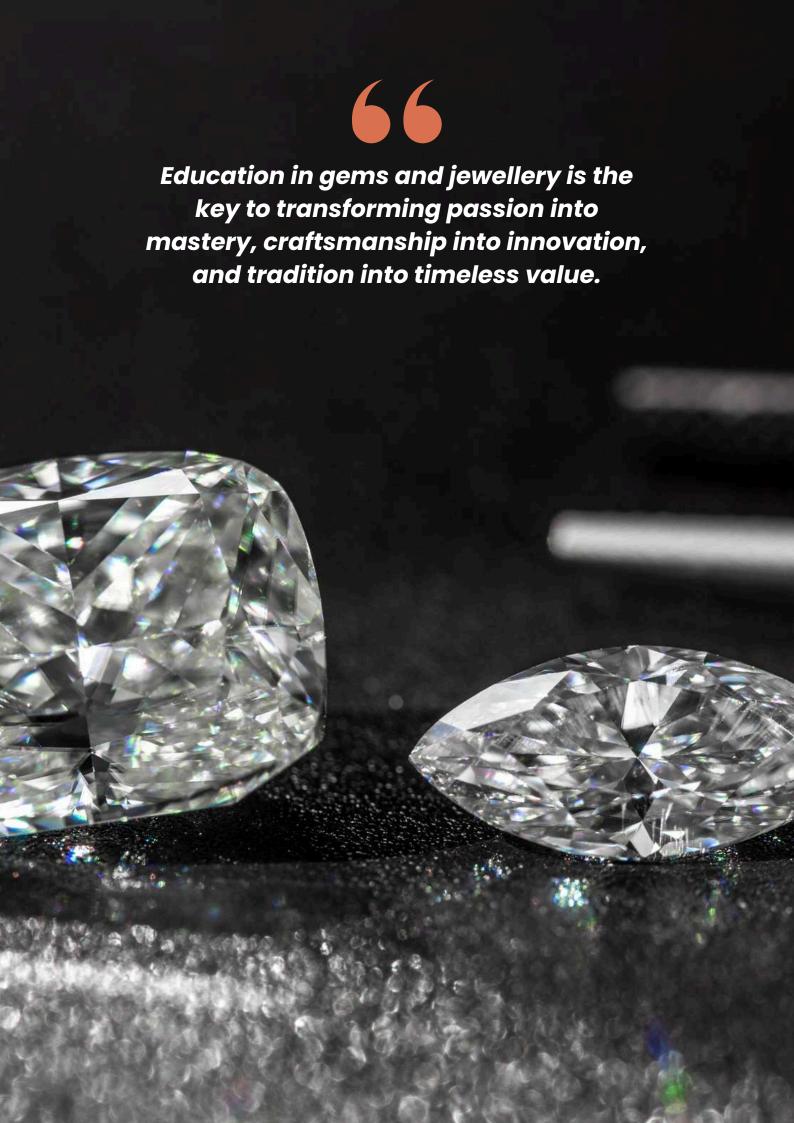
SEMESTER 5

- Strategic Management
- Corporate Social Responsibility
- Business Analytics
- Digital Marketing
- Luxury Brand Management
- Jewellery Branding and Promotion
- Entrepreneurial Finance
- Project Management

SEMESTER 6

- Internship or Industry Project
- Dissertation and Research Project
- Contemporary Issues in Jewellery Design and Management
- Entrepreneurship Development
- Professional Ethics
- Leadership Development
- Personal Development and Career Planning









MASTER PROGRAM IN GEMS & JEWELLERY

• DURATION: 2 Years

ELIGIBILITY: 10+ in any discipline

(R) CERTIFICATION: Executive Diploma Program

PROGRAM OVERVIEW

The Master Program is designed to train professionals to enter and succeed in the complex world of gems and jewellery, a field that has been constantly changing over the past two decades and requires a thorough understanding of all its aspects. Professionals must be able to operate in different areas of jewellery, including diamond grading, jewellery designing, luxury watches, fine jewellery, precious gemstones, diamond trading, fashion accessories, and metals, with an open mindset for both creative and operational aspects. The Master's program also offers a broad and strategic vision of trends and market developments.

The Master's course concludes with a final project, which serves as a synthesis of the academic journey and can later be used as a portfolio to enter the job market or start a jewellery business. It is also an ideal specialization for professionals and artisans looking to deepen their knowledge of technical aspects, as well as those related to the market and product management.

- Jewellery Designer
- Diamond Sorter/Grader
- Lab Gemologist
- Jewellery Business Owner
- Jewellery CAD Specialist
- Gem Lab and Research Professional
- Jewellery Merchandiser
- Retailer
- Jewellery Sales Associate
- Wholesaler
- Jewellery Sales & Marketing











MODULE 1

- Jewellery history and eras of jewellery with designing technique
- Variants of jewellery worn in national and international market
- Inspiration and theme based designing
- Understanding of rendering techniques
- Study on market trends
- Creating portfolio

MODULE 2

- · 2d knowledge of designing
- Understanding of 3d modeling of jewellery
- Understanding of various jewellery settings
- Building and modifying the designs using 3d software
- Creating your own designs on software Exam and tests
- Field trips and factory visits

MODULE 3

- Introduction of rough diamond.
- Introduction of worldwide diamond source
- Diamonds from mines to market
- Rough diamond planning and marking
- Rough diamond assortment and grading
- Planning of rough diamonds
- Learn the 4c's of diamond quality
- Grading of polished diamond according to 4c's
- Grading of fancy shape diamonds
- Understanding of synthetic, treated & simulants of diamonds

- Understanding of identification of gemstone
- Colored stone grading and valuation
- Updates on synthetics, imitation and treatments identification
- Sources of worldwide gemstones
- Market study and analysis on colored stones
- Understanding of jewellery manufacturing process
- Wax setting and stone setting
- · Wax injection, clearing, tree making
- · Vacuum and investment casting
- Factory visits and field trips







DIPLOMA IN JEWELLERY DESIGN & TECHNOLOGY

OURATION: 1 Year

ELIGIBILITY: 10th Pass

(R) CERTIFICATION: Diploma in Jewellery Design & Technology

PROGRAM OVERVIEW

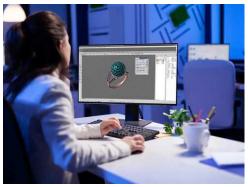
The Jewellery Design & Technology diploma program covers topics essential to becoming a jewellery designer and CAD (computer-aided design) artist, including designing a piece of jewellery from a manual sketch to final jewellery making.

The 12 months program trains an individual to become a jewellery designer by enabling them to acquire the skills and techniques behind the art of design jewellery. This diploma course is recommended for anyone who wants to be a perfect jewellery designer or an individual who is interested in joining the business of jeweler. It offers a launch pad for creative minds to learn new skills and techniques in the highly exciting and creative field of gems & jewellery.

- Jewellery Designer
- Jewellery Business Owner
- Jewellery CAD Specialist
- Retail Showroom Management
- Jewellery CAD designer

- Jewellery Quality Checker
- E-commerce Marketing Expert
- Jewellery Sales Associate
- Jewellery Wholesaler











MODULE 1

- Jewellery designing manual
- Orientation
- Fundamentals of design
- Sourcing and creating innovative jewellery design
- Understanding the global jewellery design market Elements and principles of designing
- Detailed rendering and illustration of gemstones and metals

MODULE 2

- Advance artwork for jewellery design
- Develop sources of jewellery designing and making
- Learn illustration and render art
- Understanding of various precious and semi precious metals
- · Creating portfolio
- Worldwide market study

MODULE 3

- Computer Aided Jewellery Designing (CAD)
- · Techniques of designing
- Understanding 3D Models of jewellery
- Understanding of jewellery settings
- Building and modifying basic designs and visualizing various, colors and materials of the software
- Jewellery factory visit

- Understanding of Matrix 3D Software
- Understand jewellery manufacturing processes for the creation of jewellery
- Create photorealistic images of your 3D jewellery designs
- · Jewellery valuation and costing
- Advance technique of Illustrate shape, form, and texture of metal
- Understanding of Matrix 3D Software











POLISHED DIAMOND GRADUATE

DURATION: 14 Weeks
ELIGIBILITY: 10th Pass

(R) CERTIFICATION: Polished Diamond Graduate

PROGRAM OVERVIEW

The Polished Diamond Graduate course is an expert level course for those who require the skills to grade, sort, identify and value diamonds at a professional level. Our expert faculties teach students how to grade diamonds both on par with national and international level and also educate them with local terms and languages used in the diamond market.

Our course will teach you a comprehensive understanding of diamonds and how the global diamond market operates, allowing you to explore new career opportunities or enhance an existing career in the fields of diamond grading, sorting, buying, diamond technology, diamond retail and diamond jewellery making.

- Diamond Sorter/Grader
- Lab Gemologist
- Jewellery Business Owner
- Gem Lab and Research Professional
- Jewellery Merchandiser
- Retailer
- Jewellery Sales Associate
- Wholesaler
- Jewellery Sales & Marketing













MODULE 1

- Introduction to world of diamonds
- · Properties of diamonds
- Diamond mining & formation
- · Worldwide diamond sources
- Sight holder and diamond market
- Identification of rough diamonds
- Manufacturing process from rough diamond to polished diamonds
- Understanding of the color grading system in diamonds
- Domestic and international standards of color grading
- Learn how to assess the color of diamonds
- Practical color grading
- Grading system of fancy colored diamonds
- Fluorescence in diamonds

MODULE 2

- Understanding of diamond grading process
- The 4c's of diamond grading
- Clarity grading of loose diamonds
- Internal and external features as components of clarity
- Appearance of inclusions and blemishes
- Practical grading and QC in studded jewellery
- Sorting of -2, to grading solitaire
- Understanding of cut grading
- Triple X cut in diamond
- Proportions, polish and symmetry in diamond
- Methods to measure Proportions
- Heart & Arrows
- Recut & Repolish of diamonds

MODULE 3

- · Grading of fancy shape diamonds
- Carat Weight
- Use of different types weight scales in diamonds
- Carat and karat
- Carat and pricing
- Selection Rejection
- Diamond assorting and final assorting
- Bagging and fluting
- Measuring diamond through special gauge
- Operating sieves
- Handling techniques of instruments & accessories
- Identification of diamonds
- Understanding of A.D, moissanite
- Grading system of Synthetic Diamond
- HPHT & CVD
- · Identification of synthetic diamond
- Valuation of synthetic diamond
- · Treatments in diamonds
- Identification of diamonds

- Diamond valuation method
- · Mounted jewellery grading system
- Practical estimation of mounted diamond jewellery
- Estimation of fancy shaped diamonds
- Effects of clarity, color, cut and carat on valuation
- Diamond market visit
- Diamond factory visit
- Rapaport & diamond industry
- Case studies
- Market analysis
- Worldwide diamond markets
- Diamond trading: national & international markets
- Online marketing / offline marketing
- · Market terms of business
- Rules & regulation of diamond market
- Practical & theory examination
- Diploma awarded
- Become a member of alumni club
- Graduation ceremony

ROUGH DIAMOND GRADUATE

DURATION: 12 Weeks
ELIGIBILITY: 10th Pass

CERTIFICATION: Rough Diamond Graduate

PROGRAM OVERVIEW

The ISGJ School of Diamond is one of the few institutions to offer comprehensive training in rough diamond grading, evaluation, and Identification. Our structured program uses a series of presentations and an emphasis on practical work to help students master the following concepts:

- How to assess the quality of rough diamonds
- How to sort and select quality rough diamonds
- How to calculate and evaluate a rough diamond's potential yield
- How to differentiate between a natural diamond and its many stimulants
- How to buy and sell rough diamonds
- Market study & analysis
- Rough diamond, buying, planning, trading, manufacturing & business management

This course aims to provide the students with comprehensive knowledge of rough diamond grading, market study, manual planning & marking, sarin machine operating, galaxy qc, and understanding of color and purity in rough.

The various techniques of how to determine the value of rough will be explained. The student will acquire a profound orientation in planning and marking rough diamonds.

- Rough Traders
- Diamond Sorters
- Diamond Manufacturers
- Appraisers
- Managers











MODULE 1

- Introduction of diamond world
- Diamond mines worldwide
- Different mines
- · Properties of diamonds
- Formation & mining techniques
- Identification of rough diamonds from other stimulants
- Manufacturing process from rough diamond to polished diamond
- · Diamond manufacturing factory visit
- Internal & external features of diamond
- Understanding of rough diamond planning and marking
- Diamond rough identification, characteristics and crystallography (morphology)
- Grading and sorting of diamonds from small size to solitaire
- · Rough diamond assortment & grading

MODULE 2

- Sarine machine operating system
- Color grading of rough diamond
- Different types of colored diamonds
- Fluorescence in rough diamonds and effect on valuation
- Use of colorimeter
- Multiple way planning
- Planning to improve clarity & color grade
- Planning & marking for fancy shape diamonds
- Checking master stones
- Tension/stress in a diamond

MODULE 3

- Planning for cut, color and clarity
- Yield estimation from rough to polished diamond
- Recut planning & marking
- Use of sarine, lexus and other machines
- Important factors which effects planning
- Primary market, secondary market and third tier - where to buy diamonds



- Unique system to estimate value of rough diamonds
- Valuations of parcels and single stones
- Tender stones process
- Business regulation and ethics
- Understanding market rules and how to trade
- Understanding of rough sales cash and credit
- Customs, import & export process
- Tender knowledge
- Develop a business plan and pipeline model
- Practical examination
- Diploma awarded
- Graduation event



ACCREDITED DIAMOND DIPLOMA

DURATION: 24 Weeks
ELIGIBILITY: 10th Pass

CERTIFICATION: PDG + RDG = Accredited Diamond Diploma

PROGRAM OVERVIEW

Diamond Graduate is a complete program that offers students a comprehensive knowledge and understanding of diamonds and how the rough and polished diamond market operates worldwide. You will learn all the factors that affect a diamond's appearance and value.

At the end of course, students will be able to understand the journey of rough and polished on an expert level. During the session, students will get practical experience with natural diamond, synthetic diamond, treated diamonds and mounted jewellery.

- Professional Jewellery Designer
- Lab Geologist
- Jewellery Business Owner
- Jewellery CAD Specialist
- Gem Lab & Research Professional
- Retailer
- Jewellery Sales Association
- Wholesaler
- Jewellery Sales & Marketing









Program Outcomes:

- · History of rough diamond
- Past, present and future of rough diamond world
- How diamonds are formed
- Knowledge about diamonds from mines to market
- How to grade the cut, color and clarity
- · Grading of fancy shape diamond
- Identification and understanding of various tips of rough
- Sarine machine operating system
- Understanding of rough diamond planning and marking
- Diamond rough identification, characteristics and crystallography (morphology)
- Rough diamond assortment & grading
- Rough diamond valuation
- Rules and regulation of domestic & international diamond market
- Rough diamond manufacturing process
- Selling purchasing, Import export & market study
- Visit of diamond manufacturing factory
- Learn each & everything about diamond
- Field trip & Factory visits
- Case study of indian diamond industry
- Market experience





SMALL DIAMOND ASSORTMENT COURSE

O DURATION: 6 Weeks

ELIGIBILITY: 10th Pass

(R) CERTIFICATION: Small Diamond Assortment

PROGRAM OVERVIEW

A Small Diamond Assortment Course is a specialized training program designed for individuals looking to gain expertise in selecting, grading, and working with small diamonds, typically those that are under 0.15 carats in size. Small diamonds are often used in jewellery pieces such as pavé settings, rings, earrings, and necklaces, and mastering their assortment is crucial for those working in the diamond and jewellery industry.

Career Opportunities:

- Upon completion of the course, students may pursue roles in:
- **Diamond Buyer:** Purchasing small diamonds for jewellery companies or wholesalers.
- Gemologist: Assessing and grading small diamonds in various sectors of the jewellery industry.
- **jewellery Designer/Manufacturer:** Incorporating small diamonds into custom jewellery designs.
- **jewellery Retailer:** Selling diamond-studded jewellery with a focus on smaller stones.
- **Auction Houses or Appraisers:** Specializing in the assessment and valuation of small diamonds.









Key areas covered in Small Diamond Assortment Course:

- **Understanding Diamond Characteristics:** Sorting for clarity, color, carat weight, and cut is essential when assessing small diamonds.
- **Clarity Grading:** Identifying inclusions and blemishes, especially in small diamonds where these characteristics are more difficult to detect.
- **Cut Quality:** Understanding how the cut of a diamond affects its brilliance, particularly important in small diamonds used in clusters or pavé settings.
- **Sorting by Size:** Techniques to group small diamonds by size, shape, and quality.
- Mixing Small Diamonds for jewellery Production: Understanding how to select and assort small diamonds for different jewellery designs, ensuring uniformity for pavé or halo settings.
- Creating Custom Assortments as per diamond Market: Training in how to create assortments for specific jewellery needs, including designs that require matching diamonds in terms of color and clarity
- **Safe Handling of Small Diamonds:** Best practices for storing and handling small diamonds, ensuring no damage occurs.
- Packaging for Retail and Wholesale: How small diamonds are packaged for sale, whether in individual bags, sorted trays, or as part of larger collections.







JEWELLERY DESIGN PROGRAM - MANUAL

DURATION: 12 Weeks
ELIGIBILITY: 10th Pass

(R) CERTIFICATION: Jewellery Designing Course

PROGRAM OVERVIEW

Our 3 months Jewellery Design Program will cover how to illustrate your ideas accurately and attractively. Students will start learning with basic sketching exercises to understand 3d and transforming their ideas into drawings and later get acquainted with rendering techniques.

ISGJ offers a comprehensive course structure and curriculum with experienced faculty. They guide you to become professional with a blend of talent and the right professional training about the fastest growing gems and jewellery industry.

At the completion of this Program, you will have your hand-developed design portfolio to show prospective employers and customers.

PROGRAM HIGHLIGHTS

- Sourcing and creating innovative designs
- Developing sketch & building designs
- Rendering techniques
- Knowledge on metallurgy

- Knowledge on market trends
- Exams and test
- Creating portfolio
- Field trips and factory visits



- Professional Designer
- Jewellery Design Consultant
- Freelance Designer
- Jewellery Showroom Owner









ADVANCE JEWELLERY DESIGN - MANUAL

DURATION: 20 WeeksELIGIBILITY: 10th Pass

© CERTIFICATION: Advance Jewellery Designing Course

PROGRAM OVERVIEW

Students of 3 Months Jewellery Design Program can opt for Advance Jewellery Design Program after the assessment of their work by their respective faculties.

Timely one on one session is conducted to track the student's progress and achievements. We encourage Advance Jewellery Design students to participate in all kinds of competitions conducted by jewellery industries, and help them build their network by taking them for industrial visits and exhibitions.

- Professional Designer
- Jewellery Design Consultant
- Freelance Designer
- Jewellery Showroom Owner
- Jewellery Marketing Expert

- Jewellery Retailer
- Jewellery Manufacturer
- Jewellery Sales Associate
- E-commerce











MODULE 1

- Elements and principles of jewellery designing
- Basic guidelines of jewellery design
- Shading techniques
- Detailed rendering and Illustration of gemstones and metals

MODULE 3

- Drawing techniques of different jewellery products along with its measurements and budget
- Learn Indian and international jewellery design and drawing of traditional, contemporary & innovative concept
- Layout and detailing of jewellery Understanding of sourcing and creating new innovative jewellery

MODULE 2

- Jewellery history and eras of jewellery
- Techniques of jewellery manufacturing
- Techniques of designing Men's and kid's jewellery
- Casting jewellery
- Gold calculation

- Style of jewellery designing
- Knowledge on market trends
- Exams and test
- Creating portfolio and presentation
- Field trips and factory visits





JEWELLERY DESIGN - CAD MATRIX

O DURATION: 12 Weeks
ELIGIBILITY: 10th Pass

© CERTIFICATION: Jewellery Design - CAD

PROGRAM OVERVIEW

ISGJ School of Jewellery offers a 3 months Jewellery Design CAD program for beginners. During this course students will learn how to design jewellery models with the help of experienced instructors to better understand the basic commands and tools of jewellery software and the power of using the 3D software in the world of jewellery designing. Matrix is the latest and widely used software for CAD designing all over the industry.

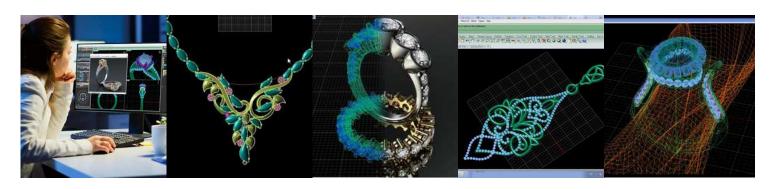
We timely update the software as and when the new versions are available. You can transform your jewellery designs into 2D or 3D models with exact precision in size, shape, and color. It is also an excellent tool that can help you sell your designs to your potential customers.

PROGRAM HIGHLIGHTS

- Introduction of Matrix Jewel CAD, Rhino software
- 3D modeling of jewellery
- Techniques of designing
- Various settings in jewellery

- Building and modifying basic design
- Portfolio designing
- Factory visit and field trip

- Professional jewellery designer
- Professional CAD artist
- CAD technician
- Jewellery CAD Technician
- CAD/CAM Service Owner



ADVANCE JEWELLERY DESIGN – CAD MATRIX

O DURATION: 20 Weeks
ELIGIBILITY: 10th Pass

(R) CERTIFICATION: Advance Jewellery Design - CAD

PROGRAM OVERVIEW

CAD is now extremely important and widely used to design, develop and manufacture products to be used by retailers, wholesalers, manufacturers and end-customers. ISGJ offers a five months Advance Jewellery Design CAD program. During this course students will learn how to design jewellery models with the help of experienced instructors to better understand the basic commands and tools of jewellery software and the power of using the 3D software in the world of jewellery designing. Matrix is the latest and widely used software for CAD designing across the industry.

ISGJ is officially an education partner with Gemvision (USA) for Matrix CAD Courses in India. We timely update the software as and when the new versions are available. You can transform your jewellery designs into 2D or 3D models with exact precision in size, shape, and color. It is also an excellent tool that can help you sell your designs to your potential customers.

Matrix CAD is a valuable tool for those who are looking for employment in the Jewellery Industry as CAD-Designers, Product development managers, Merchandisers as well as for those looking to set up their own manufacturing units, or e-commerce websites..

- Professional Jewellery Designer
- Professional CAD Artist
- CAD Technician

- Jewellery CAD Technician
 - CAD/CAM Service Owner











MODULE 1

- Introduction of Matrix, Jewel CAD, Rhino Software
- 3D modeling of jewellery
- Techniques of designing
- Understand jewellery design theory and artistry
- Jewellery manufacturing factory visit

MODULE 2

- Various settings in jewellery
- Building and modifying basic design
- 3D model for manufacturing jewellery
- CAD / CAM technology in jewellery industry
- Learn how to use Matrix Software for jewellery design

MODULE 3

- Functions, tools and commands of Matrix CAD
- Develop new designs by extracting parts or components from finished designs
- Designing various forms of jewellery
- Learn different types of settings
- Understanding jewellery manufacturing process

- Learn valuation of different karat gold with Jewellery estimation
- Distinguish between various CAD software and various CAM methods
- Portfolio designing
- Factory visit and field trip
- Awarding certificate





PROCREATE JEWELLERY DESIGN PROGRAM

O DURATION: 2 / 4 Weeks

ELIGIBILITY: 10th Pass

CERTIFICATION: Procreate Jewellery Design Program

PROGRAM OVERVIEW

The digital jewellery design course gives you knowledge on how to use brushes, palettes of colors and an exclusive gallery of various gemstones and pearls. The course will teach you how to use the Procreate application to illustrate jewellery designs with smart and easy techniques.

The software application in this course, Procreate, is now one of the most popular apps for creating jewellery artwork. The software is designed to be used with Apple's iPad and the Apple pencil. Procreate gives all kinds of artists all the benefits of working digitally and helps a lot in designing. It makes it easier to create and share digital art without hindrance. It also provides you with all the commands and gestures that will help in the quick modification of designs, and this will help in making your work super-efficient.

PROGRAM HIGHLIGHTS

- Learn how to use the Procreate application
- Creating different colored gemstones & pearls
- Learn the shading pattern with procreates palette of brushes
- Render different types of popular gemstones in jewellery

- Learn to create new brushes to design jewellery
- Understanding of different types of Brushes for metal texture
- Learn to create popular jewellery settings

- Jewellery designer
- Jewellery retailers
- Fashion jewellery

- Luxury Jewellery Marketing
- Professionals
- Jewellery Factory Owner







JEWELLERY MANUFACTURING PROGRAM

O DURATION: 12 Weeks
ELIGIBILITY: 10th Pass

CERTIFICATION: Certificate in Jewellery Manufacturing

PROGRAM OVERVIEW

This course has been developed for the beginners who wish to have the basic idea of jewellery manufacturing. It is especially designed for the students who want to try their hands on different techniques used in jewellery manufacturing in a compact time period. The exercises included in the course module are sawing, filing, drilling, melting, alloying, soldering and bezel setting. The students are taught to use all these techniques to finally manufacture a jewellery piece

You will learn about making finished jewellery products from rpt and learn what precautions should be taken care of while performing these processes and what should be the safety measures during manufacturing. Students can successfully make jewellery products after successfully completing the manufacturing program.

PROGRAM HIGHLIGHTS

- Various process of jewellery manufacturing
- Annealing
- Soldering
- Sawing
- Forging

- Engraving
 - Stone setting
 - Finishing
 - Polishing

- Jewellery Manufacturer
- Goldsmith
- Setter
- Jewellery Retailing

- Jewellery Designer
- Jewellery Consultant
- Polisher
- Filer and Assembler







JEWELLERY SALES & MARKETING PROGRAM

O DURATION: 4 Weeks

ELIGIBILITY: 10th Pass

CERTIFICATION: Certificate in Jewellery Sales & Marketing

PROGRAM OVERVIEW

This course has been developed for the beginners who wish to have the basic idea of jewellery manufacturing. It is especially designed for the students who want to try their hands on different techniques used in jewellery manufacturing in a compact time period. The exercises included in the course module are sawing, filing, drilling, melting, alloying, soldering and bezel setting. The students are taught to use all these techniques to finally manufacture a jewellery piece

You will learn about making finished jewellery products from rpt and learn what precautions should be taken care of while performing these processes and what should be the safety measures during manufacturing. Students can successfully make jewellery products after successfully completing the manufacturing program.

PROGRAM HIGHLIGHTS

- Knowledge about marketing and key concepts
- External marketing environment and competition
- Knowledge on consumer buying behavior
- Marketing plans and measuring success
- Knowledge on how to sell your product

- Retail inventory management techniques
- Stock to sale ratios
- Improving stock turn
- Jewellery pricing
- Jewellery marketing & branding

- Jewellery Showroom Manager
- Assistant Manager

- Jewellery Sales Professional
- Sales Training Officer







ZBRUSH JEWELLERY DESIGN PROGRAM

O DURATION: 12 Weeks
ELIGIBILITY: 10th Pass

R CERTIFICATION: ZBrush jewellery Design

PROGRAM OVERVIEW

A ZBrush jewellery Design Course focuses on using ZBrush, a powerful digital sculpting software, for creating intricate and detailed jewellery designs. ZBrush is widely used in industries like video game design, film production, and 3D modeling, but its application in jewellery design has gained significant popularity due to its ability to handle highly detailed and organic designs.

- Jewellery Retailer/Manufacturar
- Jewellery Designer in Production House
- Freelancer Jewellery Designer
- Jewellery Consultant/Blogger
- Freelance CAD Designer
- CAD Designer in Production House









Program Structure:



MODULE 1

- Introduction of ZBrush
- Understand the fundamentals of digital jewellery sculpting using ZBrush
- How to use the tools and brushes
- Basic sculpting methods
- Creating simple shapes and designs

MODULE 2

- Learn how to use ZSpheres for shapes
- Building and refining your jewellery designs
- Using symmetry to create balanced jewellery pieces
- Adding textures and patterns to your designs

MODULE 3

- Creating detailed and complex jewellery designs
- Designing both organic and geometric shapes
- Tips for improving fine details in your designs
- Preparing your design for manufacturing or 3D printing

MODULE 4

- Technical aspects of jewellery mechanism
- Technical drawing & Geometry
- Drafting techniques to design jewellery
- Apply the ZBrush ZPlug-ins to import and export 3D files for 3D Printing





CORELDRAW JEWELLERY DESIGN PROGRAM

O DURATION: 8 Weeks
ELIGIBILITY: 10th Pass

(R) CERTIFICATION: CorelDRAW jewellery Design

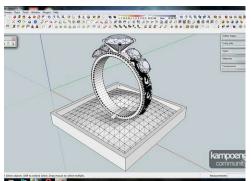
PROGRAM OVERVIEW

A CorelDRAW jewellery Program is a course focused on using CorelDRAW, a popular vector graphic design software, to create precise and detailed jewellery designs. CorelDRAW is widely used by professional jewellery designers for its versatility in creating both 2D and 3D designs, including sketches, technical drawings, and prototypes that can be used for manufacturing.

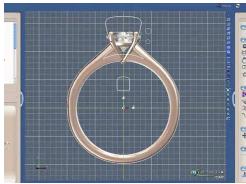
Course Content:

- Introduction to CorelDRAW for jewellery Design
- jewellery Design Concepts
- Advanced jewellery Design Techniques
- Technical Drawings and Prototypes
- Using CorelDRAW for Custom and Bespoke jewellery

- Preparing Designs for Manufacturing
- CorelDRAW and jewellery Marketing
- CorelDRAW for jewellery Manufacturing
- Rendering Different Metals
- Portfolio Assistance







Career Opportunities After Completing the Course:

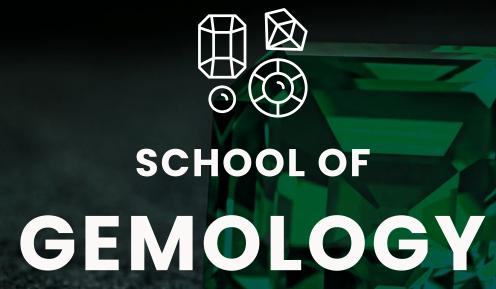
- **Jewellery Designer:** Designing jewellery for established brands or as an independent designer.
- **CAD Designer:** Specializing in creating technical drawings and prototypes for jewellery manufacturers.
- **Jewellery Manufacturer:** Creating detailed files for jewellery production using 3D printers, laser cutters, or CNC machines.
- **Jewellery Illustrator:** Providing visual illustrations and renderings for marketing, catalogues, or client presentations.
- **Freelance Designer:** Offering custom jewellery design services to clients, including creating bespoke pieces.

Course Outcome:

- Gain proficiency in CorelDRAW with a focus on:
- Object editing
- Basic elements
- Interactive fill tools
- Learn essential metal rendering techniques
- Master gemstone shapes and settings
- Explore decorative jewellery techniques
- Design various jewellery pieces in 2D through practical exercises
- Receive portfolio assistance for professional growth







GRADUATE GEMOLOGIST DIPLOMA

DURATION: 20 WeeksELIGIBILITY: 10th Pass

(R) CERTIFICATION: Graduate Gemologist Diploma

PROGRAM OVERVIEW

ISGJ's Gemology Graduate Program is a highly professional and coveted internationally recognized gemologist title.

You will learn the best hands-on practical gemological experiences during this program. The program will cover various topics like, how to identify gemstones, scientific training and practical learning of gem identification, updates on synthetic, imitation treatments identification, latest information on color enhancements, sources of worldwide gemstones. characteristics of colored stone, method to improve the natural properties of colored stone known as enhancement or treatment.

This program also covers the complete diamond grading and valuation part. Grade diamond in the D-Z color range, diamond grading and identification techniques with a practical session with diamonds of different sizes, colors and clarity, recognize and distinguish between natural, treated and synthetic diamonds and to compare and identify a diamond and its simulants.

Gemology Graduate Program + Polished Diamond Graduate + Jewellery Basic

PROGRAM HIGHLIGHTS

- Gemstones Trader
- Laboratory Gemologist
- Retailer

- Gem Entrepreneur
- Manufacturer
- Jewellery Retailer

- Jewellery Designer or Product Manager
- Marketing Manager or Brand Strategist
- Retail Manager or Operations Specialist
- Entrepreneur in Jewellery Manufacturing, retail or E-Commerce
- Buyer or Merchandiser for Luxury Jewellery brands









Program Structure:



MODULE 1

- · Introduction of gems and gemology
- Various types of gemstones
- Using various gem testing instruments to identify gemstones
- Colored stone grading and valuation
- Updates on synthetics, imitation and treatment identification
- · Sources of worldwide gemstones
- Exams and tests
- Market analysis of colored stones

MODULE 2

- Get professional insight into identification of gem quality factors and where they are mined
- Learn definitions of gems, and recognize how their beauty, rarity and durability affect their price
- Learn to identify transparent, translucent and opaque gemstones
- Differentiate between natural gemstones and their synthetic counterparts
- Identify simulants by using magnification to observe the internal features within them

MODULE 3

- Understand and detect phenomena in gemstones and study the cause behind each of them
- Learn the relation between light and gemstone colors, using a dichroscope & Polaris cop
- Learn to use the refractometer, color filter and various other instruments used to identify gemstones
- Learn how heat treatment, irradiation, lattice diffusion, dyeing and oil and resin treatments can alter gem appearance and properties
- Various types of cuts and facets like cabochons, beads and other forms and how they affect the transmission of light

MODULE 4

- Gem and jewellery industry an overview
- Analysis of prospects of various sectors such as precious or semi precious, diamonds, pearls, synthetic, imitation,jewellery studded and plain gold
- Determination of origin of gemstones
- Different styles of cutting and trading gemstones for quality of cutting
- Gemstones market study and analysis
- Pricing of gemstones
- Fieldtrip and exhibition visit





GEMSTONE IDENTIFICATION PROGRAM

O DURATION: 8 Weeks

ELIGIBILITY: 10th Pass

(R) CERTIFICATION: Certificate Course in Gemstones Identification

PROGRAM OVERVIEW

Start out on your journey into the world of gem education with the Gemstone Identification Program. The students are taken into the fascinating world of gemstones by hands-on training on identification of a huge variety of real coloured gemstones from all over the world.

The laboratory is equipped with professional gem testing instruments on which you will learn the identification of coloured gemstones, distinguish between synthetic / imitation / treated and real gemstones and also learn about occurrence of gems, their inclusions and optical characteristics.

Practical gemology goes one step further, explaining how to use the tools of gemology & processing information supplied.

PROGRAM HIGHLIGHTS

- Gemstone identification
- Understanding of gemological properties
- Mining, exploration of gemstones
- Detect treatment in gemstones
- Identify natural and synthetic gemstones
- Pricing of gemstones

- Lab Gemologist
- Jewellery Store Owner
- Jewellery Manufacturer
- Gemstones Dealer
- Gemstone Mining
- Gemstones Traders









NINE GEMSTONES IDENTIFICATION PROGRAM

• DURATION: 4 Weeks

ELIGIBILITY: 10th Pass

(R) CERTIFICATION: Certification in Nine Gemstones Identification

PROGRAM OVERVIEW

Nine Gemstones Identification Program helps you to learn the same timetested procedures and identification skills used by the institute's renowned gemological experts. Gain confidence using a microscope, refractometer, polariscope, dichroscope, spectroscope and loupe to identify natural gemstones, imitations and synthetics.

In four week students will identify all major nine gemstones related to Indian astrology.

PROGRAM HIGHLIGHTS

- Understanding of 9 gems and astrology
- Learn the art of gems identification
- Identify gems quality
- Pricing of gemstones

- Lab Geologist
- Jewel Businrss Owner
- Jewellery CAD Specialist
- Gem Lab and Research Professional
- Jewellery Merchandiser
- Retailer
- Jewel Sales Association
- Wholesaler
- Jewellery Sales & Marketing
- Professianal Jewellery Designer











MBA BBA MASTERS GRADUATE CERTIFIED PROGRAMS

INTERNATIONAL SCHOOL OF GEMS & JEWELLERY

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