

AC 29-5-15

Item No.4.44

UNIVERSITY OF MUMBAI

Certificate Programmes in

1. Polished Diamond Grading (PDG)
2. Masters in Diamonds (MID)
3. Jewellery Designing Level 1
4. Gems Junior
5. Corporate Chinese Course

Certificate Programme in

# Polish Diamond Grading (PDG)

**Objective:**

The word 'Grading' is usually applied to polished diamonds, where in finished goods are separated into a number of lots depending upon the size, shape, quality of cut, color & clarity of the diamond, later to make them ready for exports or sale in the market. Person willing to enter into diamond business must have a thorough knowledge of grading. The trained personnel have a thorough knowledge of grading. The trained personnel have good job prospects with diamond exporters and jewelers. Those having experience of Rough diamond will be more suitable for this program.

Title: The Course shall be titled as “**Certificate Course in Polished Diamond Grading**”

Eligibility	: HSC
Duration	: 2 Months
Intake capacity	: 25 – 30 Students
Lectures	: 20 Sessions, 40 Hrs
Fees Structure	: 12000/-

**Examination pattern:**

The performance of the learners shall be evaluated into two Examinations viz. Theory Assessment with 40% marks of one hour duration and by conducting practical examination with 60% marks of two hours duration as the final examination of course. The learners shall obtain minimum of 40% marks (i.e. 16 out of 40) in theory Assessment and 40% marks in practical examination (i.e. 24 out of 60) separately. A learner will be said to have passed the course if the learner passes the Theory Assessment and Practical examination together at the end of the course.

**Curriculum:**

**Module 1:**

Formation of diamond - Constants and characteristics - Sources of diamonds, Uses of diamonds, Jewellery information

**Module 2:**

Knowing Rough diamonds - Procedure for converting Rough Diamond into Polished Diamond in brief, Knowledge of Gauge and Sieve

**Module 3:**

Instruments used for assortment.

**Module 4:**

International Method of GIA Grading - 4 C's

CLARITY - Inclusions, blemishes, factors affecting clarity grading.

CUT - The Idle-cut diamond, proportions & symmetry factors.

COLOR - Color Grading (Shading).

CARAT,WEIGHT - Size divisions, weight estimation, use of gauge and sieve.

**Module 5:**

Single Cut - Double Cut diamond & Identification of Fancy cut diamond.

**Module 6:**

Complete Assorting according to polishing grades, Selection - Rejection & Assortment Final with Accuracy, Export Procedure.

**Module 7:**

- Differentiation of Real diamond from American diamond, Latest stimulants and synthetics.

Certificate Programme in

## MASTERS IN DIAMONDS (MID)

### **Objective:**

To know diamonds more deeply it is very important to know their technical properties, Thus for an accomplished diamond grader it is very essential to know advance diamond grading which accomplishes him/her to gain more expertise in valuation of diamonds. Many changes take place in market scenario, thus it is important to now to value diamonds as per current dynamics.

Title: The Course shall be titled as “**Certificate course in Masters In Diamonds**”

Eligibility	: HSC
Duration	: 3 Months
Intake capacity	: 25 – 30 Students
Lectures	: 30 Sessions, 60 Hrs
Fees Structure	: 25000/-

Examination pattern:

The performance of the learners shall be evaluated into two Examinations viz. Theory Assessment with 40% marks of one hour duration and by conducting practical examination with 60% marks of two hours duration as the final examination of course. The learners shall obtain minimum of 40% marks (i.e. 16 out of 40) in theory Assessment and 40% marks in practical examination (i.e. 24 out of 60) separately. A learner will be said to have passed the course if the learner passes the Theory Assessment and Practical examination together at the end of the course.

Curriculum:

### **Module 1: INTRODUCTION:**

Introduction to Diamond

Formation & Mining Techniques.

Physical & optical Properties of diamond.

10 C's of Diamonds in depth with high Quality Practical Training.

Introductions to Microscope Grading & plotting

### **Module 2: INTERNAL EXTERNAL FEATURES:**

Internal & External Features as components of clarity.  
Appearance of Inclusions & Blemishes.  
Introducing 'D' Card technique with highest plotting / Mapping.  
Unique System to improve concentration and to train eyes to find smallest defect in higher grade diamonds.  
Grading of Melee - Star to 1.00 carat and above.

**Module 3: COLOUR GRADING:**

Colour Grading as per Indian & International Standards. International color grading terms, From D to Z.  
Different types of colored diamonds, LB / LC / Fancy.  
Practical color grading.  
Fancy Colored Diamonds.  
Fluorescence in diamonds.

**Module 4: CUT**

Cut Grading Different types of cuts & their Grading, Proportion of diamonds, Table and others, Methods to measure Proportions.  
Polish and Symmetry with Practical experience.  
Various Shapes of diamonds with Practical Grading.  
Heart & Arrow Cut Diamonds.

**Module 5: CARAT WEIGHT**

Different techniques to estimate Weight in mounted Jewellery and unmounted diamonds. Effects of Size (carat) on Price.

**Module 6: MARKETING AND VALUATION**

First time in the world unique system of approximate valuation of any grade, any size & color in Rupees & Dollars.  
Practical Estimation of Mounted diamond jewellery.  
Pricing of Fancy Shapes.  
Effects of Clarity, Color, Cut & Carat Weight on Valuation Cost/Pricing.

**Module 7: SYNTHETICS AND STIMULANTS**

Identification of diamonds from its Stimulants like A.D., C.Z., Moissanite & other Synthetic Diamonds.  
Clarity Treatments in Diamonds.  
Color Treatment in Diamonds.

**Module 8: SELECTION-REJECTION**

Measuring diamond through Special Gauge.  
Operating Sieves.  
Handling Techniques of Instruments & Accessories.  
Understanding of Diamond Certificates  
Brief preview of international & National Market.

Certificate Programme in

# JEWELLERY DESIGNING LEVEL 1

**Objective:**

Jewelry Designing is a study of the art of Personal Ornamentation. Designing involves a number of Skills from Creativity and Originality, ability to visualize ideas and communicate information, to a good Knowledge and understanding of the subject.

Objective of this course is to equip the student with basic skills and sketch and render Jewelry in an attractive and realistic manner. This will help him in Communicating his design ideas and information to the Clients, product development department or artisans.

This course will help the students in improving constantly his sensitivity, understanding associations and observations, to become a Successful Designer.

Title: The Course shall be titled as “**Certificate course in Jewellery Designing Level 1**”

Eligibility	: HSC
Duration	: 6 Months
Intake capacity	: 25 – 30 Students
Lectures	: 30 Sessions, 60 Hrs
Fees Structure	: 35000/-

**Examination pattern:**

The performance of the learners shall be evaluated into two Examinations viz. Theory Assessment with 30% marks of thirty minutes duration and by conducting practical examination with 70% marks of two hours thirty minutes duration as the final examination of course. The learners shall obtain minimum of 40% marks (i.e. 16 out of 30) in theory Assessment and 40% marks in practical examination (i.e. 24 out of 70) separately. A learner will be said to have passed the course if the learner passes the Theory Assessment, Practical examination and Portfolio making together at the end of the course.

**Curriculum:**

Module 1: Introduction of Jewellery, Design Sources & Inspiration.

Module 2: Introduction of Diamond & Other gemstones, Metal & Gemstones rendering, Precious Metal & their trading.

Module 3: Working with basic shapes & forms, Proportion, Balance, Rhythm and unity in designing, Marketing Designs.

Module 4: Research of Jewellery Products, Various Techniques of Jewellery manufacturing.

Module 5: Different types of stones & Diamond setting.

Module 6: Perspective view for ring shanks & other products, Orthographic projection of basic jewellery products, Basic elements & form arrangement in design, Modification of Designs.

Module 7: Designing:- Rings, Earrings- Bracelets- Pendants- Necklaces. Designing Men's & Costume Jewellery, Presentation & Framing of Designs, Portfolio making.

## Certificate Programme in GEMS JUNIOR

### **Objective:**

Gemology is an introductory course comprising of theoretical and practical awareness of gemology. It deals with the physical and optical properties of natural gemstones and their synthetic counterparts. The stress is laid on the classification and identification of various gemstones widely used in present jewellery industry, along with identifying treated Goods moving widely in the today's market. It also highlights the wide uses of gemstones on ornamental as well as jewellery fields.

Title: The Course shall be titled as “**Certificate Course in Gems Junior**”

Eligibility	: HSC
Duration	: 1 Month
Intake capacity	: 25 – 30 Students
Lectures	: 5 Sessions, 10 Hrs
Fees Structure	: 5000/-

### Examination pattern:

The performance of the learners shall be evaluated into two Examinations viz. Theory Assessment with 40% marks of one hour duration and by conducting practical examination with 60% marks of two hours duration as the final examination of course. The learners shall obtain minimum of 40% marks (i.e. 16 out of 40) in theory Assessment and 40% marks in practical examination (i.e. 24 out of 60) separately. A learner will be said to have passed the course if the learner passes the Theory Assessment and Practical examination together at the end of the course.

### **Curriculum:**

**Module 1:** Gemstone Identification: Precious, Semi-Precious and Others.

**Module 2:** Characteristics, Properties of Gemstones, Use of gemstones

**Module 3:** Different phenomena and luster of gemstones, Gemstone Treatments

**Module 4:** Stimulants or Semi precious counterparts



**Module 5:** References for advance knowledge

**Module 6:** General testing procedure used in daily trade

**Module 7:** Introduction to Diamond Grading, Cutting & Polishing of gemstones

## **Certificate Programme in Corporate Chinese Course**

### **Objective:**

Corporate Chinese Course is designed for learners who can understand and use none or some simple Chinese characters and sentences, and also check participants knowledge about basic commercial terms and ability to use acquired knowledge of Chinese and prepares them for continuing their Chinese studies. In HSK all characters are provided along with Pinyin.

We have qualified experienced Chinese language teachers specialized in teaching basic, intermediate and advanced Chinese speaking, reading and writing.

Title: The Course shall be titled as “**Certificate Course in Corporate Chinese Course**”

Eligibility	: HSC
Duration	: 3 Month
Intake capacity	: 25 – 30 Students
Lectures	: 20 Sessions, 20 Hrs
Fees Structure	: 5000/-

Examination pattern:

The performance of the learners shall be evaluated into 3 components: Listening, reading and speaking. Listening and reading will be of 200 marks of forty-five minutes paper with 40 questions with MCQs. The learners shall obtain minimum of 60% marks (i.e. 120 out of 200). Audios of one sentence will be played so that at beginner’s level a student can understand and interpret a sentence.

### **Objectives:**

- Learn basic self introduction
- Making inquires
- Asking prices or cost of product.
- Buying and selling
- Expressing opinions like expensive, cheap, good or bad
- Asking directions and locations

- Placing and Order

**Curriculum:**

**Module 1:** Brief History of the Chinese language and culture

**Module 2:** English alphabetical system i.e. Pinyin

**Module 3:** Tones pronunciations drills

**Module 4:** Fundamental grammatical rules

**Module 5:** Sentence structure, use of interrogative pronouns, affirmatives and negatives Seeking permissions, identifying cultures & people and introducing oneself.

## **Reference Books:-**

### Polished Diamond Grading

- Polished Diamond Grading Textbook – SRDC INDIA
- Hero sarvashreshtha Ratna – Sudhir Ghaswala
- Heera Granth – GJEPC
- Diamonds – Eric Bruter
- GIA | The World's Foremost Authority in Gemology

### Masters In Diamond (MID)

- Masters In Diamond Textbook – SRDC INDIA
- GIA | The World's Foremost Authority in Gemology
- Diamond Grading ABC The Manual – Pagel Theisen
- Gems & Gemology In Review – Synthetic Diamonds
- The Fred Ward Series: Diamonds
- Great Diamonds Of India – Monisha Bharadwaj

### Gems Junior

- Gems Junior Textbook – SRDC INDIA
- GIA Colored Diamonds Color Reference Charts Booklet
- Emeralds, A Passionate Guide: The Emeralds, the People, their Secrets
- Gemstones of The World
- Gems and Precious Stone - Simon & Schuster's Guide
- Gemstones - Cally Hall
- Gemstones of the world – Walter Schumann
- COLOR ENCYCLOPEDIA OF GEMSTONES, 2nd Edition - By Joel E. Arem
- Gemstones – Smithsonian Handbooks.

### Jewelry Designing Level 1

- Authentic Art Deco Jewelry Designs
- The Art of Jewelry Design
- Designing Jewelry
- Jewelry Wax Modeling - ADOLFO MATTIELLO
- The Diamond Setting Manual: Procedures & Techniques - ROBERT R. WOODING
- VICTORIAN JEWELLERY
- PAUL FLATO - JEWELER TO THE STARS
- Leading Jewelry Catalogues for Design Reference

### Corporate Chinese Course

- Chinese Language Course Textbook – SRDC INDIA
- Developing Chinese. Oral Chinese by Beijing Language University.
- Teach yourself Mandarin by Elizabeth Scurfield
- Contemporary Chinese by Sinolingua

