

## **INTRODUCTION TO GEMMOLOGY**

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**It is a basic course in the theoretical and practical study of gemstones. It deals with the study of physical and optical character of natural and synthetic gemstones. Stress is laid on the various visual and instrumental identification techniques employed for distinguishing natural gemstones from synthetic and artificially enhanced gemstones.**

**This course is also ideal for artisans and professionals in jewellery industry as it will equip them with a comprehensive knowledge of various gem material constantly encountered within the industry.**

<b>Duration</b>	<b>50 sessions</b>
<b>No. of seats</b>	<b>10</b>
<b>Eligibility</b>	<b>HSC</b>
	<b>Knowledge of English</b>
<b>Fees</b>	<b>Rs.40,000/- by Demand draft</b>
	<b>Rs.5000/- refundable deposit</b>
<b>Certification</b>	<b>90% attendance</b>
	<b>Preparation of project files and Laboratory journals</b>
<b>Assessment</b>	<b>Performance in regular tests and midterm &amp; final examinations.</b>
<b>Target group</b>	<b>Jewellers, Designer, Manufacturers Collectors, gems dealer &amp; Govt. Appraiser</b>

**For Admission please contact Reception at 28250003 / 28263504**

## **COURSE CONTENTS**

- **Nature of gemstones**
- **Chemical characters of gemstones**
- **Crystalline structure of gemstones**
- **Physical characters of gemstones**
- **Optical properties of gemstones**
- **Luminescent properties of gemstones**
- **Internal features of gemstones**
- **Mineral gemstones**
- **Organic gemstones**
- **Synthetic gemstones**
- **Gemstones stimulants**
- **Gemstones enhancement**
- **Cutting & polishing of gemstones**