# Introduction

# The Department of Earth Resources Engineering of Moratuwa University has been successfully conducting a certificate level course since 1973 to train persons in Gemmology. That course provided appropriate academic qualification and skills to engage in the fields of Gemmology and for those who are already employed in these fieldsis an opportunity to advance their careers. At the request of past students, the relevant trading organizations and government Institutes, the department commenced a Diploma in Gemmology Course in2017.Lectures and practicals are conducted by 14 staff members including 4 engineers and 3 geologists with PhD qualifications. Some of them also possess FGA, FGG and GG qualifications. With a well constituted course curriculum and a huge collection of samples and books, it is in par with any reputed international Gemmology Diploma course.

**The Diploma Course consists of fourteen compulsory modules and five optional modules. It is designed as per Sri Lanka Qualification Framework (SLQF) with 30 credits and one credit is considered equivalent to 50 notional leaning hours. The Gemmology Diploma is comparable to NVQ Level 5 and those qualified are eligible to use Dip.Gem. after their name.**

## Target group

All levels of careers in Gemmology or related fields, Gem Traders, Lapidarists, Gem Miners and those engaged in the Tourist Industry, Jewellery Industry and all other professions related to the Field of Gemmology or persons wishing to enter such fields.

**Course Contents**

**The Course consists of modules covering Crystallography, Geology and Mineral Exploration, Gem Mining, Man-made gemstones, Organic Gems, Fashioning of Gems, Practical Methods of Gem Identification, Enhancement of Gemstones, Valuation, Marketing, Gem Resources & Trading, Colour grading, Fundamentals of Diamond grading, Advance Analytical Techniques, RS and GIS Techniques,Small Business Management and Basic Project Management Skills.**

The course includes Lectures, Practicals, Special Studies, Projects, Seminars and a Field Camp.

### Duration

**One year: Two days per week (Friday and Saturday) (8.30 am to 5.30pm)**

Medium of Instruction

English

**Entry Qualification**

* Pass in G.C.E.(A/L) examination in one sitting

**OR**

* Credit pass in the Certificate Course in Gemmology conducted by the Department of Earth Resources Engineering and minimum two years experience.

**OR**

* Any other academic/professional qualification equivalent to National Vocational Qualification level four and such experience acceptable to the Faculty Board and approved by the Senate of the University of Moratuwa.

### Commencement of Course:

### Course Fee

Sri Lankan Rs. 150,000.00

SAARC countries Rs. 200,000.00

Other countries Rs. 300,000.00

### Important

***\**** AnnualCourse fee should be paid at the beginning of the academic year in full after being selected.

### \* Fees will not be refunded under any circumstances

\* A Gemmology toolkit & a set of basic gemstones will be provided to each student of gemmology course free of charge.