

# Basic Course on Identification of Gemstones

16<sup>th</sup>-20<sup>th</sup> April, 2018

## Introduction:

Mineral resources are backbone of economy of any country. Their systematic exploitation and development brings socio-economic progress and help in achieving self-reliance. The Northern Areas of Pakistan have large reserves of economic minerals, especially gemstones. Pakistani gemstones include a variety of minerals such as peridot, aquamarine, topaz, ruby schroll, bi and tri color tourmaline and emerald, making the country 5th largest significant on the mineral world map with reportedly more than 70 million tons of gemstone reserves. The Geoscience Laboratory, Geological Survey of Pakistan is well equipped not only with classical but also with state-of-the-art equipment used for research and exploration. It is responsibility of the Geological Survey of Pakistan to train People of Industries / Geoscientist who can carry on the legacy.

As a part of its academic support and human resource development program, the Geoscience Advance Research Laboratories, GSP is organizing. This training has tremendous applications in the fields of gemology.

## Scope and Contents

The main objective of this training program is to provide the basic theoretical and practical knowledge regarding the gemstones identifications. Topics covered during this training would be.

- **Introduction and classification of gem stones**
- **Genesis of gemstones**
- **Basic steps in identifying the gemstone.**
- **Use of different instruments in gems identification**

## Course Fee:

The course fee for this workshop is 10,000/- (rupees ten thousand only) per participant, which may be deposited in cash on/before workshop at the Reception Desk.

(Note. accommodation, lodging and cafeteria will cope by GARL).

## Registration Form

Name: \_\_\_\_\_

Edu. Qualification: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Postal Address: \_\_\_\_\_

Cell Ph. \_\_\_\_\_

Office Ph. \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

## Dates & Deadlines

The duration of this training would be five days from **16th-20th April, 2018**. Registration forms should reach by email/fax/courier to the contact person no later than **5<sup>th</sup> April, 2018**.

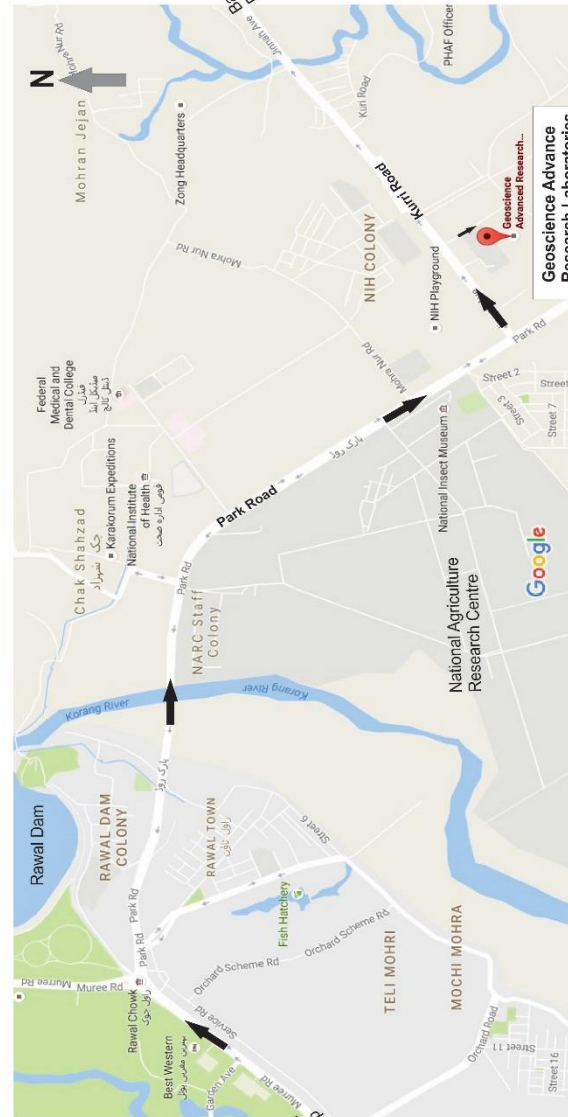
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**Government of Pakistan**  
Ministry of Energy  
(Petroleum Division)  
**Geoscience Advance Research Laboratories**  
Geological Survey of Pakistan  
Islamabad

Geoscience Advanced Research Laboratories Islamabad



## Resource Persons:

**Naveed Munawar**  
Deputy Director

**M. Nasir Siddiq**  
Assistant Director

## Venue:

Human Resource Development Centre  
Geoscience Advance Research Laboratories,  
Geological Survey of Pakistan, Park Road (Off  
Kurri Road), Shahzad Town, Islamabad

## For Queries:

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Assistant Director  
Mb: 03346255705

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