

Basic Course on Identification of Gemstones

29th March-02nd April, 2021

Introduction:

Mineral resources are backbone of economy of any country. Their systematic exploitation and development bring 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, 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 the responsibility of 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 that 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 gemstone's identification. 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 Rs. 10,000/- (rupees ten thousand only) per participant, which may be deposited in cash on/before workshop at the Reception Desk.

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 **29th March-02nd April, 2021**. Registration forms should reach by email/fax/courier to the contact person no later than **20th March, 2020**.

Venue:

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

For Queries:

Naghma Haider

Director GARL/HRDC
Geological Survey of Pakistan

HRDC Coordinator

Mr. Sajjad Khan

Deputy Director (HRDC)
Mb: 03334715080

Mr. Syed Jawad Arif

Assistant Director
Mb: 03336025868

Mr. Awais Ahmed

Assistant Director
Mb: 03017807879

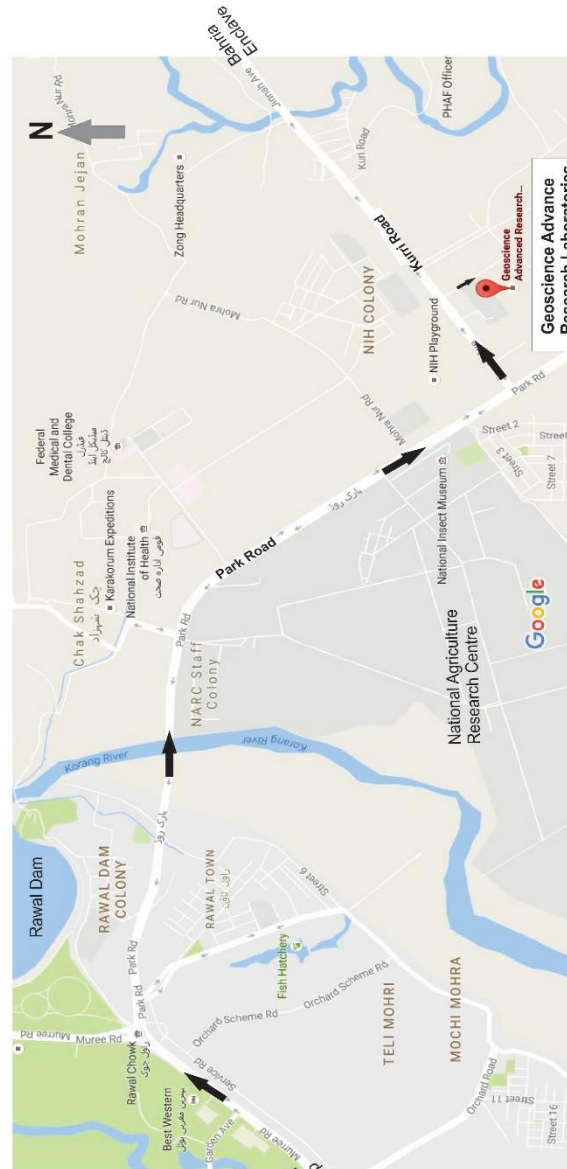
Geoscience Advance Research Laboratories
Geological Survey of Pakistan

Ph: 051-9255139-40 ext. 150

Fax: 051-9255136

Website: www.gsp.gov.pk

Google Maps Geoscience Advanced Research Laboratories Islamabad



Resource Persons:

Dr Tahseen

Prof. Bahria University, Islamabad

Naveed Munawar

Deputy Director

Muhammad Nasir Soomro

Assistant Director

Basic Course on Identification of Gemstones

29th March-02nd April, 2021



Government of Pakistan
Ministry of Energy
(Petroleum Division)
Human Resource Development Centre
Geoscience Advance Research Laboratories
Geological Survey of Pakistan