



भारत सरकार
GOVERNMENT OF INDIA
भारतीय भूवैज्ञानिक सर्वेक्षण
Geological Survey of India
क्षेत्रीय प्रशिक्षण प्रभाग, उत्तरी क्षेत्र, लखनऊ
Regional Training Division, NR, Lucknow



उद्घोषणा /Announcement

अनुमोदित वार्षिक कार्यक्रम 2019-20 के अनुसरण में क्षेत्रीय प्रशिक्षण प्रभाग, उत्तरी क्षेत्र, लखनऊ द्वारा दिनांक 7.11.2019 से दिनांक 19.11.2019 तक **“Basics of Petrography for EPMA and LA-ICPMS and the interpretation of geochemical data”** (Course ID: M5BASIC/NC/NR//2019/25486) नामक प्रशिक्षण पाठ्यक्रम का आयोजन **एन.सी.ई.जी.आर., फरीदाबाद (हरियाणा)** में किया जा रहा है।

इस परिपेक्ष में सभी अपरमहानिदेशकों एवं क्षेत्रीय विभागाध्यक्षों/ उपमहानिदेशकों (उत्तरी क्षेत्र की सभी राज्य इकाई)/ क्षेत्रीय मिशन प्रमुख-I/III/IV तथा उत्तरी क्षेत्र कार्यालय के सभी निदेशकों एवं अधीक्षण भूवैज्ञानिकों, राज्य भूविज्ञान एवं खनिकर्म निदेशालयों (DGMS), भूवैज्ञानिक शिक्षण संस्थानों से अनुरोध है कि वे अपने क्षेत्र के अंतर्गत आने वाले प्रभागों/ विभागों में कार्यरत उपयुक्त अधिकारियों/ वैज्ञानिकों / शोधार्थियों को उक्त प्रशिक्षण कार्यक्रम के लिए नामित करवाएं/करें।

The Regional Training Division, Northern Region, Lucknow will be conducting the Training Course on **“Basics of Petrography for EPMA and LA-ICPMS and the interpretation of geochemical data”** (Course ID: M5BASIC/NC/NR//2019/25486) from 07.11.2019 to 19.11.2019 at **NCEGR, Faridabad (Haryana)**.

In this regard, the Addl. Director General & HoDs of all Regions, Dy. Director General (all State Units of NR), Regional Mission Heads of Northern Region and Directors/Supervisory officers of NR, Headquarters, all State DGMS, Geoscientific Organizations/Institutions are requested to kindly nominate suitable officers/Scientist/Research Scholars from the Divisions/Projects/Department under their jurisdiction for the above mentioned course.

The nominations may preferably be sent through OCBIS (THReDS Module) or in the following address either by e-mail or FAX given below:

अपर महानिदेशक एवं विभागाध्यक्ष/ The Addl. Director General & HoD
 भारतीय भूवैज्ञानिक सर्वेक्षण, उत्तरी क्षेत्र / Geological Survey of India, NR
 सेक्टर-ई, अलीगंज, लखनऊ-226024 / Sector-E, Aliganj, Lucknow-226024
 Phone: 0522-2378796, 2326231 Fax: 0522-2336079,
E-mail: hod.nr@gsi.gov.in, **with a copy to:** rtd.nr@gsi.gov.in

Course Content:

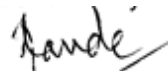
- Petrography, Petrogenesis and geochemistry of Igneous, Metamorphic & Sedimentary rocks
- Textural parameters and petrographic characterization of rocks
- Diagenesis and sedimentation history of sedimentary rocks
- Petrography and Geochemistry: Genesis and Petrology for mineral prognostication
- Ore petrography and ore chemistry
- Geochronology and isotope geology
- Thermobarometry: Process and implications
- U-Th-Pb CHIME dating by EPMA Basics of EPMA and spectrometry

- Trace element analyses by EPMA and calibration
- Use of EPMA data in thermodynamic calculations
- ICMPS: Basic concepts, advantages and sampling protocols
- LAICPMS application and in earth sciences
- Basics of sampling procedure and analytical protocol to all high-end labs
- PIMs, RIMs and PVFTs

नामांकन प्राप्त करने की अंतिम तिथि: 28 अक्टूबर 2019

Last date for receiving nominations: 28th October 2019

NB: All eligible candidates are requested to send their nominations through proper channel along with the Employee Id, Designation, Present Place of Posting, Email Id and Phone number. It may kindly be noted that candidates nominated from outside organizations/DGM/Universities have to arrange their lodging and food.



(Alok Chandra Pande)
Director, RTD, NR
Lucknow-226024