ABOUT THE SEMINAR
The proposed seminar will be organized to highlight the recent developments, challenges and strategies in geological sciences. Particular attention will be given to geochemistry. Geochemistry is an essential component of petrology because the chemical composition of rocks acts as a foundation for interpreting Earth history and internal processes. Presently, geological science demands an interrelationship of its allied branches for a better understanding of the surface and internal processes of the Earth. Developments in geological science are important for addressing topics of societal interest, including natural hazards, natural resources, human health and environmental issues. Geological concepts help us understand the Earth system with connection to related fields such as geochemistry, mineralogy, structural geology, environmental geology and geodynamic. The objective of the seminar is to discuss the recent developments in geosciences and highlight the present and upcoming challenges with special emphasis on geochemistry, sedimentary geology and environmental geology as one of the fundamental elements of a comprehensive national research and development programme in Earth sciences. The seminar will aim at identifying future geological and environmental development programmes of the country. Major theme of the seminar will be focused on petrological process, ore genesis process, tectonomagmatic scenarios and environmental issues. The deliberation of the seminar will be very much helpful towards formulating process/policies for mineral exploration, genesis of various minerals deposits and potential environmental degradation. These
deliberations will have important bearing and national development policy making of the nation. Abstract of the papers presented in the seminar will be published in abstract volume.

**CALL FOR PAPERS**

The members of the Organizing Committee cordially invite the researchers from all over India to actively take part in this National Seminar by contributing papers/abstracts in one or more of the following areas for presentation and discussions thereafter.

**FOCAL THEMES**

- Early Earth Systems, meteorites
- Tectono-magmatic Processes
- Geochemical evolution of lithosphere
- Mantle-crust interactions
- Geochemistry and genesis of ore deposits
- Sediments and sedimentary rocks
- Sequence stratigraphy
- Petroleum systems
- Climate change
- Pollution stress on environment
- Water resources, policy and management
- Geoconservation, Geoheritage
- Natural hazards
- Remote Sensing and GIS application

**ABOUT DEPARTMENT OF GEOLOGY**

The teaching of Geology was initiated in the Aligarh Muslim University at the undergraduate level in 1946. The Post-graduate teaching started in 1951 during the First Five Year Plan. The Department of Geology acquired its own building in 1961. The first Coal petrology lab in India was established at the department. The foundation stone of the current building of department of Geology was laid down by Dr. D.N. Wadia, the then Geological Adviser of The Government of India, on the 5th day of February, 1957. The department has produced 04 D. Sc., more than 140 Ph.D. and 149 M. Phil degrees. The Department of Geology has been active in scientific deliberations and interactions and hosted a number of National and International Conferences and Lectures by eminent National and International Geoscientists, notable among them are: International Gondwana Symposium (1970), Prof. E.S. Hills lecture Series (1972), Indo-Soviet Symposium on Rifted Basins and Aulacogens (1990).

Teachers and Alumni of the department have received prestigious awards including National Mineral Award, M.S. Krishnan Gold Medal and have been selected as member of National working Group of different International Geological Correlation Programmes (IGCP). Its faculty members have published their research work in reputed journals like Precambrian Research, Gondwana Research, Cretaceous Research, International Journal of Geological Review, Journal of Asian Earth Sciences, Lithosphere, Island Arc. The department provides active support to run a P.G. Dip. Gem Testing and Jewelry course. Specialization of Research of the department include Geochemistry, Igneous Petrology, Sedimentology, Hydrogeology, Environmental Geology, Remote Sensing and GIS Applications, Micropalaeontology, Economic Geology and Structural Geology. The Department offers courses of B.Sc. (Hons.), M.Sc. (Applied Geology), P.G. Diploma in Hydrogeology, M.Phil and Ph.D. The Department of Geology has the
distinction of providing leadership in area of Sedimentology in India, and in recognition to this, the Indian Association of Sedimentologists has established its Headquarters in the Department of Geology. The U.G.C. has also recognized the contribution of the Geology Department in Sedimentology and Environmental Geology. In recognition to which D.S.A. in Sedimentology and Environmental Geology was sanctioned in 1992. The successful completion of D.S.A. Phase-I of the Department led to its extension as D.S.A. Phase-II and subsequently the Department was also selected for COSIST assistance for the development of its infrastructure. The University Grants Commission has sanctioned a DRS-I (SAP) to the Department of Geology for 2010-2015 period for the upliftment of teaching and research under the following thrust areas: Petrology/Geochemistry, Environmental Geology. In recognition to successful completion of DRS-I (SAP), the UGC has granted DRS-II for five years (2016-2021) in the thrust areas of Geochemistry, Environmental Geology and Sedimentary Geology.

ABSTRACTS
Abstracts not exceeding on any one of the above mentioned themes should be sent to the Organizing Secretary on or before 31st January, 2017. Accepted abstracts will be intimated by February 05, 2017 and will be published as a pre-conference Abstract volume and will be available to the registered delegates.

REGISTRATION FEE
The delegates are requested to register by sending their registration fee as mentioned below on or before Jan 31st, 2017 through a crossed Demand Draft of any Nationalized Bank, payable at Aligarh in favor of Convener, National Seminar 2017. Delegate: Rs. 2000/-, Industry Delegate: Rs. 3000/-, Student Delegate: Rs. 1000/-, Accompanying Member: Rs. 1500/-

ACCOMMODATION
Limited accommodation will be arranged on payment basis in the University Guest House and locally available Institutional Guest Houses, Private Hotels based on advance payment. The charges for single and double bed rooms vary from Rs.2500/- to 6000/- per day for all the above categories. Delegates are requested to convey the type of accommodation and food habit of their choice at the earliest to the organizer.

IMPORTANT DATES
Receipt of Abstract: on or before Jan 31, 2017
Acceptance of Abstract: on or before Feb 03, 2017
Receipt of Registration Form: on or before Feb 05, 2017

ABOUT ALIGARH
The city of Aligarh is the district headquarters for Aligarh district, in the Northern Indian state of Uttar Pradesh. Aligarh is located approximately 90 miles (140 km) south-east of the capital city of New Delhi. The city is well connected by road and railways. Winter clothes will be required in February.
ADVISORY COMMITTEE
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John Armstrong-Altrin, Mexico
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V. Balaram, Hyderabad
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Convener: Prof. A.H.M. Ahmad
Organizing Secretary: Prof. M.E.A. Mondal

BANK DETAILS
Name of the account holder: Finance Officer, Aligarh Muslim University, Aligarh – 202002
Account No.: 10612179411
Name of Bank: State Bank of India, A.M.U. Branch, Aligarh – 202002, U.P.
MICR code of the Branch: 202002099
IFSC Code: SBIN0005555

CORRESPONDENCE
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Convener & Coordinator
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Prof. M.E.A. Mondal
Dy. Coordinator & Organizing Secretary
DRS-II Programme
Department of Geology
AMU, Aligarh -202002
CAMPUS MAP

Candidates are required to enquire the exact location when they arrive in Aligarh.

DELHI TO ALIGARH=133 KM
KANPUR TO ALIGARH=291 KM
1. Name: 

2. Designation: 

3. Organization: 

4. Organization: 

5. Mailing Address: 

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6. Title of the Paper(s) to be presented 

7. Accompanying Members: 

8. Vegetarian / Non-Vegetarian: 

9. Accommodation required: University Guest House/Hotel 

10. Registration Fee: DD No.: 
    Dated: 

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Signature