

Advisory Committee

- Prof. S.K. Acharyya**
Jadavpur University, Kolkata
- Prof. Talat Ahmad**
VC, Kashmir University, Srinagar
- Prof. D. Asthana**
ISM, Dhanbad
- Prof. S. Balakrishnan**
Pondicherry University, Pondicherry
- Prof. D.M. Banerjee**
University of Delhi, Delhi
- Prof. B.B. Bhattacharya**
S.N.Bose Institute, Kolkata
- Prof. V.L.S. Bhimasankaram**
OU (Rtd) Hyderabad
- Prof. G.J. Chakrapani**
IIT-Roorkee
- Prof. Somnath Dasgupta**
ISER, Kolkata
- Prof. Mihir Deb**
University of Delhi, Delhi
- Dr. C.V. Dharma Rao**
Ministry of Home Affairs, New Delhi
- Prof. V.K. Gaur**
CMMACS, Bangalore
- Prof. K. Gopalan**
NGRI, Hyderabad
- Sri C.S. Gundewar**
CG, IBM, Nagpur
- Prof. Anil Gupta**
Director, WIHG, Dehradun
- Prof. Saibal Gupta**
IIT Kharagpur
- Prof. A.K. Jain**
WIHG, Dehradun
- Dr. K.S. Krishna**
NIO, Goa
- Prof. Santosh Kumar**
Kumaon University, Nainital
- Prof. R.K. Lal**
Varanasi
- Prof. B. Mahabaleshwar**
Bangalore
- Prof. V. Madhavan**
Hyderabad
- Shri T.M. Mahadevan**
Kochi
- Dr. M. Mohanty**
DST, New Delhi
- Prof. D. Mukhopadhyay**
Calcutta University, Kolkata
- Prof. A.C. Narayana**
University of Hyderabad
- Prof. Dalim K Paul**
Presidency University, Kolkata
- Prof. P. Rajendra Prasad**
Andhra University, Waltair
- Prof. S.S. Rai**
NGRI, Hyderabad
- Prof. V. Rajamani**
JNU, Delhi
- Prof. M. Radhakrishna**
IIT-Bombay, Mumbai
- Prof. I.V. Radhakrishna Murty**
Waltair
- Dr. T. Radhakrishna**
CESS, Trivandrum
- Dr. (Mrs) Mita Rajaram**
IIG, Mumbai
- Dr. M. Ramakrishnan**
Chennai
- Dr. S. Sinha Roy**
Jaipur
- Prof. Ashok Sahni**
Lucknow University
- Dr. R.N. Singh**
NGRI, Hyderabad
- Prof. Ram S. Sharma**
Emeritus Scientist, Jaipur
- Prof. C. Srikantappa**
Mysore University
- Dr. R. Srinivasan**
Bangalore
- Prof. Sri Niwas**
IIT Roorkee
- Prof. D.C. Srivastava**
IIT-Roorkee
- Prof. S.K. Tandon**
Delhi
- Prof. K.S. Valdiya**
JNCAR, Bangalore
- Dr. V.N. Vasudev**
Geo Mysore Services, Bangalore

Organizing Committee

Patron

Padmashri Dr. Lalji Singh
Vice-Chancellor, BHU, Varanasi

Members

Prof. B.K. Ratha | **Prof. H.B. Srivastava**
Dean, Faculty of Science, BHU | Head, Department of Geology, BHU

Convener | Organising Secretary

Dr. N.V. Chalapathi Rao | **Prof. Rajesh K. Srivastava**
Department of Geology, BHU | Department of Geology, BHU

Members of Local Organizing Committee

Prof. M.S. Srinivasan	Prof. R.P. Singh	Prof. C.L. Singh
Prof. Jokhan Ram	Prof. U.K. Shukla	Prof. T. Lal
Prof. R.N. Tiwari	Prof. H.P. Sengupta	Prof. U.S. Singh
Prof. Jai Krishna	Dr. P.K. Singh	Dr. H.N. Singh
Prof. M. Joshi	Dr. B. Pandey	Dr. N.P. Singh
Prof. S. Singh	Dr. D. Prakash	Dr. R. Bhatia
Prof. M.P. Singh	Dr. V. Srivastava	Prof. G.V.S. Sastry
Prof. A.K. Jaitly	Shri. P. Ghosh	Prof. K.N. Prudhvi Raju
Prof. B.P. Singh	Shri A. Naik	Prof. A. Jamal
Prof. A.D. Singh	Dr. K. Prakash	Prof. S.K. Sharma

Organizing Committee (ISAG)

Dr. K.K. Dwivedy Chairman Director (Rtd), AMD, Hyderabad	Prof. P.M. Mohan Pondicherry University, Andamans	Dr. B. Srinivas Treasurer, Osmania University, Hyderabad
Prof. Abhijit Basu Indiana University, USA	Prof. Cherukupalli E. Nehru Brooklyn, USA	Dr. M. Sudhakar MOES, New Delhi
Dr. Anil Pande KDMIPE Dehradun	Dr. P.V. Ramesh Babu AMD, Hyderabad	Dr. A. Sundaramoorthy DG, GSI, Kolkata
Dr. V. Balaram NGRI, Hyderabad	Sri Rana Som CMD, NMDC, Hyderabad	Dr. B.N. Talukdar OIL, Noida
Dr. A.K. Balyan PetroNet LNG Ltd., New Delhi	Dr. S.V. Rao ONGC, New Delhi	Dr. Tulsi Mukherjee BARC, Mumbai
Dr. Y.J. Bhaskar Rao Director, NGRI, Hyderabad	Dr. P.N. Razdan DYPV, Pune	Dr. K. Umamaheshwar AMD, Hyderabad
Prof. V.P. Dimri NGRI, Hyderabad	Dr. Sailesh Nayak Secretary, MOES, New Delhi	Dr. V.K. Verma NMDC, Hyderabad
Prof. Harsh K. Gupta NGRI, Hyderabad	Dr. K. Satyanarayana AMD, Hyderabad	Prof. K. Surya Prakash Rao (Rtd) O. U. Convener, ISAG, Hyderabad
Dr. Kuldeep Chandra ONGC (Rtd) Dehradun	Dr. T.R.P. Singh New Delhi	
Prof. S.K.G. Krishnamacharyulu SRTMU, Nanded	Dr. J.B. Smeeth ITC, The Netherlands	



150th Birth Anniversary of Founder
Mahatma Pt. Madan Mohan Malaviya Ji



First Circular

National Seminar
on

**Recent advances and future challenges in
Geochemistry and Geophysics: the Indian scenario
&
Annual General Body Meeting of the Indian
Society of Applied Geochemists-2012**

22-24 February, 2012



Organized by :

**Department of Geology
Centre of Advanced Study
Banaras Hindu University
Varanasi - 221005**



**Indian Society of Applied Geochemists (ISAG)
Hyderabad**



Banaras Hindu University

Banaras Hindu University (BHU) is an internationally reputed oldest as well as the largest residential Central university in the country and is located on the banks of the River Ganga at Varanasi. It ranks among the topmost universities of the country in academic and research output. The University was founded by the great visionary educationist and nationalist leader Mahamana Pandit Madan Mohan Malviya in 1916. BHU played a stellar role in the independence movement and has developed into one of the most distinguished centres of learning in India. It has produced many architects of modern India and has immensely contributed to progress of the nation through a large number of renowned scholars, artists, scientists and technologists who have graced its portals. The university has two campuses, three institutes, a women's college, sixteen faculties, one hundred and forty departments and four advanced centres and four interdisciplinary schools.

Department of Geology

The Department of Geology, Banaras Hindu University, came into existence in 1919 and became a full fledged department in 1923 and is thus one of the oldest as well as the premier departments of India with a proud history of more than ninety years. This department is unique in the country having in its ranks competent and distinguished faculties in almost all sub-branches of Geology: Mineralogy, Petrology, Geochemistry, Structure and Tectonics, Paleontology, Oceanography, Economic Geology, Fuel Geology, Hydrogeology and Remote Sensing. Several of the alumnus of this department are in top capacities of the leading Earth Science organisations such as GSI, ONGC, AMD, MECL, CGWB, NMDC, CIL, IBM and also several teaching and research institutions at national and international levels. The Department is DST-FIST sponsored and in view of teaching and research excellence has been recognised by the UGC as a Centre of Advanced Study.

Indian Society of Applied Geochemists

Indian Society of Applied Geochemists (ISAG), Hyderabad, is one of the leading Earth Science Societies of India and was established in 1993. The ISAG aims at promoting the cause of advanced research in all branches of geochemistry and allied fields with their applications for the benefit of mankind. The ISAG periodically organizes national and international seminars and symposia towards this purpose. The Journal of Applied Geochemistry (JAG) is the flagship bi-annual peer-reviewed publication of ISAG and is well-known for its quality of scientific content.

Theme of the Seminar

Much of our current knowledge about the Earth including its structure, composition, dynamics and evolution is a direct resultant of the researches made in the fields of Geophysics and Geochemistry. An integration of the chemical and physical signals of the Earth material and their temporal evolution is of paramount significance in addressing various challenges in Earth System Science including better constraints on ambiguities in interpretation, search for new mineral deposits and energy resources and in mitigating natural disasters such as tsunamis and earth quakes. The primary objective of this seminar is to discuss recent advances made in the various frontiers of geochemistry and geophysics of the Indian sub-continent and the surrounding Indian Ocean region by inviting accomplished academicians and

scientists on to a common platform. Besides, the seminar also gears up to identify future thrust areas of research, in these domains, in the coming decades with special relevance to India. For this purpose, an exclusive scientific session is devoted wherein researchers of middle-level age group drawn from diverse specialities would be sharing their views. It is envisaged that the deliberations of the seminar would serve as a vision document for the coming decades.

Broadly the following themes are identified

- Solid earth geochemistry, Planetary geochemistry, Exploration geochemistry, Hydrogeochemistry, Marine geochemistry, Environmental geochemistry, Analytical geochemistry, Biogeochemistry and Quaternary geochemistry.
- Solid earth geophysics, Exploration geophysics, Marine geophysics, Geomagnetism, Reservoir geophysics, Mining geophysics, Environmental geophysics and Seismotectonics.
- Remote Sensing techniques, Computational techniques, Mineral processing, Numerical modeling, Fractals, Geostatistics, Landslides and Nuclear waste disposal.

Call for Papers

Abstract of original papers in not more than 300 words should be transmitted via e-mail to ISAGBHU2012@gmail.com in TIMES NEW ROMAN (Font 12). The authors will be informed of the allotment of ORAL or POSTER mode of presentation in due course of time. The authors will be required to submit the full paper at the time of the seminar. The papers will be peer reviewed and published in a special volume of Journal of Applied Geochemistry.

About Venue

Varanasi, the holy city of India, is also known by the ancient name of Kashi and popular name of Banaras. Besides being a cultural and religious centre of India it remained from times immemorial a great seat of learning. Varanasi has been a symbol of spiritualism, philosophy and mysticism for thousands of years which made the famous English writer Mark Twain to once remark: "Benaras is older than history, older than tradition, older even than legend and looks twice old as all of them put together". The city is known for its silk weaving craft and more notably for its vibrant traditions of Indian art, literature and music.

Climate

February is one of the best times to visit Varanasi where the weather would be mild and pleasant. However, it is advisable to bring a pullover or jacket, especially if you are planning to be out and about in the evenings.

Travel

Varanasi is well connected by air and rail. The university is 35 kms from the airport and about 8 kms from the railway station. The fare for pre-paid taxi from the airport to the University is Rs.700 (approx) and Rs.250 from the Main railway station (Cantt). Reserved auto-rickshaws at the station are available for about Rs.80. Mughalsarai, an important railway junction on the main and chord line is about 20 kms from BHU. The taxi fare from Mughalsarai to BHU is Rs. 500 (approx) and auto-rickshaw fare is Rs. 300 (approx).

Registration Fees

Delegates	₹ 2500/-
Accompanying person	₹ 1500/-
Research scholars	₹ 1000/-

Accommodation

Limited accommodation is available in various Guesthouses and hostels of the University. However, accommodation can also be arranged in hotels on prior intimation and payment in advance. Please note that February is the peak season in Banaras and hence hotels need to be booked in much advance. The organisers cannot entertain any hotel booking after 1-1-2012.

Range of Hotel Tariff

Star Hotel	₹ 4000 to 5000/-
Luxury Hotel	₹ 2000 to 3000/-

Payment

Please send your bank draft (mentioning your name and address at the back side of the draft) in favour of "National Seminar on Geochemistry and Geophysics" or send through electronic transfer in favour of "National Seminar on Geochemistry and Geophysics" A/C No:27790200000334, Bank of Baroda, Banaras Hindu University, Varanasi [IFS code/RTGS Code: BARB0BHUVAR. This IFS code contains no '0' but 'O' (zero); MICR code: 221012011; Bank code:012].

Tentative Program

22 nd February, 2012, 09:00AM	Registration, Inauguration and High Tea
22 nd February, 2012, 11:30-19:00 hrs	Scientific sessions
23 rd February, 2012, 09:00-19:00 hrs	Scientific sessions
24 th February, 2012, 09:00-13:00 hrs	Scientific sessions
24 th February, 2012, 14:00-16:00 hrs	AGM of Indian Society of Applied Geochemists and Valedictory session

Important Dates

Start of abstract Submission	November 15 th , 2011
Last date for submission of abstract	January 01 st , 2012
Last date for registration	January 15 th , 2012
Last date for booking accommodation in Hotel	January 01 st , 2012
Last date for submission of full papers	February 22 nd , 2012

REGISTRATION FORM

National Seminar on
"Recent advances and future challenges in Geochemistry
and Geophysics: the Indian scenario" (ISAG-2012)

Organised by
Department of Geology, Centre of Advanced Study
Banaras Hindu University, Varanasi-221005
&
Indian Society of Applied Geochemists (ISAG)

February, 22–24, 2012

1. Name
2. Age Sex
3. Present Occupation
4. Address for correspondence

Proposed Title of the Paper

Oral / Poster

Tel # E-mail:

Mob # Fax #

Detail of accompanying person

Name Age Sex

Accommodation Required. Guest House / Hotel / Own

Place

Date

Signature

Corresponding Address:

Dr. N.V. Chalapathi Rao, Associate Professor & Convener

Department of Geology, Centre of Advanced Study,

Banaras Hindu University, Varanasi-221005

Cell #09935647365 E-mail: isagbhu2012@gmail.com

Abstracts/Ms may be submitted to Dr. N.V. Chalapathi Rao, Convener, National Seminar
or

Prof. K. Surya Prakash Rao

Convener, ISAG, 1-2-7/1, Kakatiyanagar, Habsiguda, Hyderabad-500007

Cell: 09848880980, E-mail: isag1993@yahoo.co.in; ksprao1939@yahoo.co.in

