

**National Seminar
on
STRATEGIES FOR MINERAL DEVELOPMENT IN THE
COUNTRY
and
SILVER JUBILEE-ANNUAL GENERAL BODY MEETING OF
INDIAN SOCIETY OF APPLIED GEOCHEMISTS (ISAG)
18-19 Sept. 2018**



**Organized by
DEPARTMENT OF GEOLOGY, BANGALORE UNIVERSITY,
BANGALORE
in association with
INDIAN SOCIETY OF APPLIED GEOCHEMISTS (ISAG),
HYDERABAD**

About the seminar :

'The Country is rich, but people are poor' – is the often said slogan. It points at the huge natural resources that the Country has, but not so good living conditions of its people, obviously due to poor management of resources. In spite of huge and varied mineral resources, the country has not made good strides from the point of generating wealth, employment, rural uplift and better environmental practices. The contribution of mineral sector to GDP of the country is an indication – in any case! It is alarming to note that in the last decade, the contribution of mining sector to GDP has been stagnant at nearly 1.2%. India produces 87 minerals which include 4 fuel minerals, 10 metallic minerals, 47 non-metallic minerals, 3 atomic minerals and 23 minor minerals. Though the employment potential of mining sector is presumably higher, it currently employs only smaller percentage of India's population, just about 0.3%. The McKinsey Global Institute Report suggests that mining sector alone has the potential to create 6 million additional jobs in the country by 2025, plus additional USD 47 billion to India's GDP with 7% growth. It has become more clear now that mining is a global industry, and Governments recognize that a better mining industry means more growth, jobs, investment and trade, and that these benefits should flow through to higher living standards for all. Hence, a strong commitment to sustainable development is critical for mining excellence. Strong mining culture can also create new vistas for participating in overseas projects, which can further fetch our foreign revenues. Australia and China have shown ways in this aspect.

It is staggering to note that we are importing ores like iron and coal in spite of our own strong position in terms of abundant deposits that we have. It only points to the fact that indigenous mineral production is not in balance with demand. Unless a strong growth oriented policy and support, the mineral/mining sector may not catch up the global trends. If this to happen there shall be a good integration of exploration, mining and processing and metallurgical programs, besides a strong proactive measures through policy support for speedy and hassle-free issuance of permissions to harness the domestic potential of mineral wealth and to build better infrastructure in the mineral sector. Thus the need of the hour is to develop our mineral potential to the sustainable levels for a better economic strength of the country. The key areas being iron, steel and energy sectors, they should be on the top priority of development. It shall involve widening our mineral bases and adopting innovative technologies for best exploiting and extracting. The mineral and mineral-based industry, therefore, look for strategizing measures both conventional and unconventional, for a sustainable and growth oriented pattern. Thus the seminar will focus on these issues in the larger national context.

The seminar invites abstracts on the following themes:

- ❖ Advancements in exploration of mineral/ore deposits, including fuel minerals
- ❖ Integration of Geological, Geophysical and Geochemical methods for Mineral Exploration
- ❖ Remote sensing as an emerging tool in exploration
- ❖ Oceans as the future targets of mineral resources
- ❖ New trends in mining practices-maximization of Mineral recovery in Mining
- ❖ Innovative processing techniques for enhancing mineral base of the country
- ❖ Mineral industry and maximization of waste utilization; byproducts recovery
- ❖ Environmental issues in mineral development
- ❖ National Mineral policy
- ❖ Mineral inventory of the country

The authors are invited to participate in the seminar in large numbers by submitting abstracts (not exceeding 600 words; word file; font style Times New Roman, font size 12; single space) along with registration form by email to nssmdc@gmail.com before August 20th 2018. The contributions must be original and their abstracts must be clearly presented in sufficient detail to enable the "Technical Committee" to review and for inclusion in the 'Abstract Volume'.

Patrons:

Prof. K. R. Venugopal, Vice-Chancellor, Bangalore University, Bangalore
Prof. B. K. Ravi, Registrar, Bangalore University, Bangalore
Dr. K. K. Dwivedy, President, ISAG, Hyderabad
Prof. K. Surya Prakash Rao, Hon. Secretary, ISAG, Hyderabad

Convener:

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Prof. T. S. Suresh	Member
Prof. H. C. Vajrappa	Member
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Sri. Sharat Chandra Rao Peshwa, Director, Deccan Exploration Services Private Limited
Dr. H. Y. Desai, Vice President, MSPL, Bangalore
Sri. J. R. Chaudhary, Controller of Mines, IBM, Bangalore
Sri. B. Saravanan, Regional Director, AMD, Bangalore
Sri. Shashidhar Banad, General Manager, VESCO, Bangalore

About the Department of Geology, Bangalore University

The Department of Geology, Bangalore University has a century old history and is one of the oldest in the country. It was started in 1898 at the famed Central College in Bangalore. Both M.Sc and B.Sc (Hon's.) in Geology were offered at Central College. The Department functioned in Central College till 1978. At present the Department is situated in the sprawling campus of Bangalore University at Jnanabharathi Campus. The Department is offering M.Sc (Applied Geology) and Ph.D. programmes. The four main thrust areas of research and studies are Petrology, Economic Geology, Hydrogeology, GIS and Remote Sensing, and Micropalaeontological and Stratigraphic studies. A marked stride was also made in the field of Micropalaeontology, Economic Geology and Groundwater in hard rock terrains. Several research programs have been successfully completed with the support of UGC, DST, IFCPAR (Indo-French), NSF (USA), DAAD (GERMANY), JSPS (JAPAN), ISRO, DAE, GSI, MGD and CGWB. Research programs, in collaborations with other institutions/organizations both within the country and abroad are underway.

The Department has good facilities for academic and research work. The Museum has a classic collection of minerals, fossils and rocks. The Department has spacious auditorium. The Department library has over 500 recent editions of books and also back volumes of Journals. M.Phil. Dissertations and Ph.D. thesis are also available. The alumni of this Department have served/occupied coveted positions in various Institutions and organizations within and outside the country. Over 25 research scholars are pursuing their Ph.D. in the department.

About the Indian Society of Applied Geochemists

The Indian Society of Applied Geochemists (ISAG) was established in 1993 (Regd. No. 3614) at Hyderabad. Hyderabad is considered the capital city of Earth Sciences, being the home of several geoscientific institutions and organizations and is a hub for geological activities. ISAG aims at promoting the cause of advanced research in all branches of geochemistry for the benefit of society. The ISAG periodically organizes national and international seminars, symposia and workshops on recent advancements. The Journal of Applied Geochemistry (JAG) is a flagship quarterly publication of the ISAG and is well known for its regularity and quality scientific content. Organizing AGMs-Cum-National Seminars annually at the national level is one of the important aims and objectives of the society. Starting with AGM at NIO, Dona Paula, Goa in 2005 was a milestone in the short history of ISAG.

Five awards have been instituted to be awarded annually from 2005. The medals were instituted by Prof. K. Surya Prakash Rao (two medals), Dr. R. Dhana Raju (one medal) Dr. K. K. Dwivedy (two medals) and a Lifetime Achievement Award. The details of these medals are incorporated in each issued of Journal of Applied Gechemistry (JAG).

The Annual General Body Meetings (AGMs) are always associated with National Seminars and the proceedings are published regularly. The Indian Society of Applied Geochemists (ISAG) has successfully served the earth scientists for twenty five (25) years thus the 2018 is being celebrated as Silver Jubilee Year (1993-2018). AGM-Cum-National Seminar-2018 at Bengaluru is going to be celebrated as Silver Jubilee Seminar.

About the Venue

Professor K. Venkatagiri Gowda auditorium, Jnana Bharathi campus, Bangalore University, Bangalore - 560056

About Bengaluru

The Garden and Electronic city to some and the Silicon Valley to others, Bangalore (Bengaluru), is one of the most sought after destinations in India. It has an altitude of 921 m above MSL and has a salubrious climate, especially in September with frequent showers and with temperature hovering around 25^o C. Needless to mention, it is well connected by road, rail and air.

There are many tourism destinations including monuments, places of worship, heritage buildings, museums, planetarium, parks, lakes, entertainment houses and ethnic villages in and around the city. Vidhana Soudha, Attara Kacheri (Karnataka High Court), Lal Bagh, St. Mary's Basilica, Cubbon Park, Visweshwaraiah Industrial and Technological Museum, Nehru Planetarium, Bengaluru Palace, ISKCON Temple, Tipu's Fort, Bull Temple, Gavi Gangadareshwara Temple, Ulsoor lake are a few to mention.

Bank account details for registration and Sponsorship remittances

ISAG member	Rs. 1500
Non ISAG member	Rs. 2000
Student/Research scholar	Rs. 800
Accompanying member	Rs. 500

Note: Spot registration with an additional payment of Rs. 200 /-

Name of the Bank	State Bank of India
Branch	Nagarbhavi, Bangalore - 560056
Name of the Account	National Seminar - SSDMR 2018
Account Number	37776163673
Account type	Current Account
IFSC Code	SBIN0040211

Travel and Accommodation

Participants are advised to plan their travel and stay well in advance as soon as they receive the acceptance for presentation. **Guest house accommodation (3 persons sharing a room) will be extended on first come first serve basis on a nominal cost.** A few Hotels with modest tariff rates are also available around the Seminar venue and will be booked on request by advance payment. However, participants can also make their own arrangements as hotels with wide range of tariffs are available in Bangalore. Guest house accommodation will be provided to key note speakers.

Depending upon the availability of funds, travel support to needy Research scholars will be extended by 2nd class return train fare by shortest route for those who present their work in the seminar. Such of the scholars may submit a request at the time of submitting abstracts. Further, they shall bring a certificate either from their Guides or HODs to the effect that they are the bonafide Research scholars. Research scholars who have already submitted the abstracts may also submit the request if they need the support.

Important dates

Submission of abstract extended up to	20.08.2018
Submission of registration forms extended up to	20.08.2018
Seminar Dates	18-19 Sep. 2018

Awards

Best three presentations of young scientists (below 35 years of age) will be judged by the eminent scientists invited for the program and will be rewarded.

REGISTRATION FORM

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18-19 Sept. 2018



Name.....

Age..... Sex

Present Occupation.....

Address for correspondence.....

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Proposed Title of the Paper.....

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Tel # E-mail:

Mob # Fax #

Details of accompanying Person

.....

Details of payment for Registration:

Name of the Bank.....

Demand Draft No..... Amount..... Date.....

For online transfers UTR(unique transaction reference).....

Amount..... Date.....

Place: _____

Date : _____

Signature

Note: Photo copy of this form can also be used for Registration