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First Circular

May 2022

National Seminar on

Geology and Mineralisation of Mahakoshal Group - Future Perspective & Recent Amendments in MEMC & Auction Rules

on 24th June 2022, Nagpur, Maharashtra



Organized by



Geological Survey of India

in association with

Gondwana Geological Society
Nagpur



PREAMBLE

A one-day Seminar on "Geology and Mineralisation of Mahakoshal Group-future perspective and recent Amendments in MEMC and Auction Rules" is being organized by Geological Survey of India and Gondwana Geological Society on 24th June 2022 at Nagpur. The seminar will be on hybrid mode with option to join online as participants and invited Presentations. Director General has given his kind permission and is invited to grace the occasion as the Chief Guest. There will be four sessions with different themes. A tentative schedule of the seminar with themes and slots for presentation is annexed with this circular. Each session will have keynote addresses by distinguished speakers as well as few invited Presentations. Additionally, for the seminar, participation in form of oral presentations is invited. In this context, abstracts are invited from researchers and geoscientists from GSI and Universities towards participation in Oral presentation. One abstract volume is planned to be released during the seminar.

About the Seminar

With the advent of the modern technologies, there has been a major shift in focus for targeting various mineral commodities for sustainable growth of mankind. The ever-lasting need not only warrant development of policies but also challenges conventional notions of exploration strategies. To achieve the absolute synergy, the Government of India has enacted several policies and implemented several amendments to reform the mineral sectors. The recent times have witnessed a paradigm shift in mineral auctioning policies in the form of comprehensive amendment of The Mines and Minerals (Development and Regulation) Act, 1957 during 2015 as well as in 2021. The amendment has brought out new level of transparency in mineral exploration eco-system of the country along with mandating the auction of mineral concessions to Improve clarity in the allocation of mining blocks.

In such an illuminating backdrop, it's the demand of the hour to diversify our voyage beyond the known. Among the 54 known supra-crustal belts of Indian Peninsula, there have been massive focus on exploration in the Proterozoic metallogenic belts located in southern, eastern and western India. Contrastingly, there are many more mobile/greenstone belts that have not been explored to that extent. One of such, is commonly known as Mahakoshal belt of the Central Indian Tectonic Zone (CITZ). It still remains one of the most intriguing geological mosaics within the CITZ. Geological Survey of India, along with universities and other institutions have worked extensively in the Mahakoshal belt for ages, unearthing wealth of information about the metallogeny of the belt. However, in view of the cutting-edge techniques in modern exploration, it is now high time to re-evaluate the economic perspectivity of the belt, not only in the brown-field areas but also in the green field areas too.

In order to realign strategies, we need to converge together with ideas, dataset and resource potential of Mahakoshal Belt. Aligning well with the notion, a one-day national seminar on 'Geology and Mineralisation of Mahakoshal Group-future perspective and recent Amendments in Exploration and Auction Rules' is planned with high hopes to open-up new horizons for the torch-bearers in the exploration landscape.

The seminar aspires to bring the legendary works, recent progress as well as the existing exploration ecosystem together. It is planned in hybrid mode (offline as well as online) to reach maximum researchers, academicians, explorers. Based on the expertise, experiences and illustrious contributions, distinguished speakers are being invited to deliver key-note Presentations. In addition, the front-line researchers are also being encouraged to participate through oral presentations. Abstracts are invited for consideration in the seminar. An abstract volume is planned to be released during the seminar.

About the Organizations

Geological Survey of India

The Geological Survey of India (GSI) was set up in 1851 primarily to find coal deposits for the Railways. Over the years, it has not only grown into an important repository of geo-science information required in various fields in the country, but has also attained the status of a geo-scientific organization of international repute. The main functions of GSI relate to creation and updation of national geoscientific information and mineral resource assessment. These objectives are achieved through ground surveys, air-borne and marine surveys, mineral prospecting and investigations, multi-disciplinary geoscientific, geo-technical, geo-environmental and natural hazards studies, glaciology, seismotectonic study, and carrying out fundamental research. Outcome of work of GSI has immense societal value. Functioning and annual programmes of GSI assume significance in the national perspective.

National Mission-II, caters and facilitates mineral exploration activities within the GSI to augment mineral wealth of India. It works with the Regional Mission-IIs and Heads of the Regions in coordination with Central Headquarters, GSI, Kolkata. It is the constant endeavor of National Mission-II to delineate new target regions through synthesis of multidisciplinary earth science data and search for concealed ore bodies in the already delineated target areas of geological potential. In addition, it is also responsible for re-orienting the organizational methodology to adapt with mineral demands of the country and produce cognitive measures to achieve the same. It regularly organizes workshops, symposiums etc., which initiates brain-storming discussions to invoke greener pastures in the realms of exploration.

Gondwana Geological Society

Academicians from Nagpur University felt a necessity to form a society which will cater to the academic excellence in the cause of Geoscience. In their pursuit, a non-profitable, academic organization was formed in 1981 under the apt name of "The Gondwana Geological Society (GGS)". The society grew in strength and has made a name for itself in academic circle. It

celebrated its Silver Jubilee in 2006. Presently, it is one of the pioneering and proactive earth science societies reaching beyond the Gondwana land and endlessly, promoting the cause of advanced geoscientific study and research ranging in age from Precambrian to Holocene. The GGS has organized around 20 National workshops and many seminars. The GGS publishes a bi-annual journal "Journal of Geosciences Research". The journal is listed and recognized by UGC and therefore, the research articles are considered for PhD purposes. Besides, it has 18 special volumes to its credit.

Theme of the Seminar

Geology, structure, metamorphism metallogeny of Mahakoshal Belt, Central Indian Tectonic Zone

Evolutionary/Exploration trends in Mahakoshal Belt

Recent Amendments in Mineral (Evidence and Mineral Content) and Auction Rule

Important Dates

Abstract Submission - 30th May 2022

Abstract Finalization and confirmation - 1st Week of June 2022

Seminar - 24th June 2022

Time	Event	Name
09:00 – 09:30	Registration by the participants	
09:30 – 09:40	Welcome address by the ADG & NMH-II	Shri Hemraj Suryavanshi
09:40 – 09:50	Welcome Note by Secretary, Gondwana Geological Society	Dr. P.B. Sarolkar
09:50 – 10:00	Address by the President, Gondwana Geological Society	Dr. Anjan Chatterjee
10:00 – 10:20	Address by CMD, MECL & Ex. DG, GSI	Dr. Ranjit Rath
10:20 – 10:30	Inaugural address by the DG, GSI	Dr. S. Raju
10:30 – 10:35	Vote of Thanks	
Tea Break (10:35 – 10:50)		
Technical Session-I (Glimpses into the exploration strategies, a time-lapse journey)		
10:50 – 11:10	Keynote address by DG, GSI	Dr. S. Raju
11:10 – 11:25	Invited Presentation	Shri Pradipta Tarafdar
11:25 – 11:40	Presentation by Participation	
11:40 - 11:55	Presentation by Participation	
Technical Session-II (Geology, structure, metamorphism metallogeny of Mahakoshal Belt, CITZ, India)		
11:55 – 12:15	Keynote address	Dr. Abhinaba Roy
12:15 – 12:30	Invited Presentation	Dr. N. K. Devarajan
12:30 – 12:45	Presentation by Participation	
12:45 – 13:00	Presentation by Participation	
Lunch Break (13:00 – 14:00)		
Technical Session-III (Evolutionary/Exploration trends in Mahakoshal Belt, CITZ, India)		
14:00 – 14:20	Keynote address	Dr. M. K. Mukherjee
14:20 – 14:35	Presentation by Participation	
14:35 – 14:50	Presentation by Participation	
14:50 – 15:05	Presentation by Participation	
15:05 – 15:20	Presentation by Participation	
Tea Break (15:20 – 15:35)		
Technical Session-IV (MEMC and Auction Rules)		
15:35 – 16:50	Keynote address	Dr. Ranjit Rath
16:50 – 17:05	Invited Presentation	Shri Hemraj Suryavanshi
17:05 – 17:20	Invited Presentation	Shri P. N. Sharma
17:20 – 17:35	Presentation by Participation	Shri S. K. Adhikari
17:35 – 17:50	Invited Presentation	Shri Abhay Agarwal
Validatory Function and High-tea session (17:50 – 18:30)		
Dinner - 19:30 hrs onward		