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Date, Venue & Programme

Date: 11 March 2023

Venue: The Alumni Hall (1st Floor) of Post Graduate Department of Geology, Utkal University, Vani

Vihar, Bhubaneswar, Odisha.

The national seminar will spread over one-day, comprising of two technical sessions. The comprehensive programme along with time schedules will feature in the final circular.

General Information:

Bhubaneswar, The Capital city of Odisha State is well connected by air and rail with all metropolitan cities of India. The Sun temple at Konarak, the famous Lord Jagannath temple and sea beach at Puri are 60 km away. The largest brackish water lagoon Chilika is within two hours drive from Bhubaneswar. There are a number of good hotels at Bhubaneswar with 3 to 5 star ratings. Requests for arrangement of accommodation with specific dates can be made separately. The weather in Bhubaneswar during March is pleasant with the day's high of around 30°C and low of 22°C.

National Seminar on VISIONS IN GEOLOGICAL SCIENCES -2023

Organized by
DEPARTMENT OF GEOLOGY,
UTKAL UNIVERSITY
and
ALUMNI ASSOCIATION

11th March 2023

All enquiries and communications should be addressed to:

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Bhubaneswar - 751 004 Odisha, India

Preamble

Study of Geosciences has taken a giant leap in our country from the period of colonial rule to present. Starting with an aim to locate coal deposits to feed the British railways system, the geologists later discovered vast iron ore deposits in Singhbhum craton which heralded steel age in India. Our economy is now heavily dependent upon steel production. However, it is not in tandem with those of developed countries. National Steel Policy 2017 of India envisages achieving 300 MT of Steel making capacity by 2030-31. To achieve this, we will be requiring 480 MT of iron ore, 231 MT of coal and 36 MT of limestone per year besides a huge amount of water. In a conservative estimate India's iron ore resources will last only for 25.6 years at the required rate of consumption. The 300 MT of steel will come with 540 MT of CO2 by 2030. On the climate change front Indian has committed to reduce carbon intensity of its economy by 35 % and achieve zero emission by 2070. In addition to iron ores, limestone and coal, there will be huge demand on other mineral resources also necessitating intensification of their exploration and exploitation.

The ongoing low to moderate seismicity along the Himalayan arc, gradual increasing seismicity level of South India and natural hazards like flood and cyclone along eastern parts of India has raised concern to study the earth processes thoroughly. The country is also shifting its goal to make our economy much stronger with investigating for resources in our marine realm too. All these require detailed geological studies: geochemistry, geophysics, hydrogeology, paleontology, remote sensing and environmental geology to mention a few.

Against this backdrop, the P.G. Department of Geology, Utkal University along with Alumni Association is providing a platform to geoscientists, environmentalists, academicians and students to deliberate on the issues currently we are in, through a National Seminar, "Visions in Geological Sciences-2023" on 11 March 2023 at Department of Geology, Utkal University.

Call for Papers

Earth-scientists contributing scientific papers for the seminar may please send the abstracts (within 300 words) on or before 20 January 2023. Full papers within 1500 words with prescribed registration fee should reach on or before 31 January 2023. The format of manuscript should be prepared following that of Journal of the Geological Society of India. The abstracts and the papers should be sent in: email (geologyutkaluniversity@gmail.com) and two hard copies in double spaced A-4 size paper. All the maps, graphs and drawings should be sent in high resolution soft copy. The research paper should be original and not published / accepted for publication elsewhere.

Registration

The intending participants are required to register themselves by sending back the registration form duly filled in along with prescribed registration fee mentioned below on or before 24 February 2023. For publication of papers in Seminar volume (Vistas in Geological Research with ISBN), all the authors have to pay the registration fee in advance before due date.

Sponsored participants Rs.1200/-Non-sponsored Academicians/Scientists/

Professionals of Educational Govt. departments/

 $Public and Private \ Undertakings/R \& D institutions \ Rs. 1000/-Research Scholars \\ Rs. 600/-$

Students of Geology & Earth Science Rs.350/-

Foreign Participants US \$ 100/-

The registered participants will be entitled to seminar materials (Souvenir volume with Abstracts and a copy of Seminar volume with selected Papers) working lunch, tea and dinner on the day of the seminar.

National Seminar on VISIONS IN GEOLOGICAL SCIENCES -2023

11th March 2023

Department of Geology, Utkal University and Alumni Association

REGISTRATION FORM (to be filled in block letters)

Name:
Institution / Organisation:
Mailing address
Tel:
Email:

The sub themes of the Seminar are as follows:

Economic Geology

Structural Geology and Tectonics

Petrology and the role of Temperature and Pressure

Engineering Geology and Geotechnology

Palaeontology and Stratigraphy

Hydrogeology

Hydrocarbon and Gas hydrates

Mineral Exploration and Exploitation

Mineral Development and Mineral administration

Education in Earth Sciences

Natural calamities and its Mitigation

Remote Sensing and GIS for Planning and Development

Geo-environmental issues and Management

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Sponsorship INR 1,00,000/-

US\$ 1500

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(Space 22 cm x 16 cm)

Dates to remember:

20 January 2023 : Last date for submission

of Abstract.

24 February 2023 : Last date for

Registration.

31 January 2023 : Last date for submission

of Full Papers.

01 March 2023 : Communication of

Acceptance of full papers