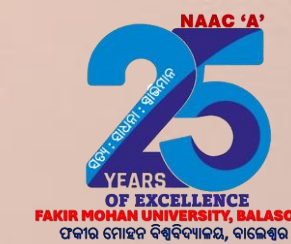


International Conference

on

“Coastal Dynamics: Geology, Economy and Environment” (ICCD 2025)

8th to 10th January 2025



Organised by

**Department of Geology,
Fakir Mohan University, Balasore**

In collaboration with

**Institution of Geoscientists, Odisha
Bhubaneswar (IGO)**



Venue

**Conference Hall, Post Graduate
Council,
F. M. University, Balasore**

Tidal flat at Chandipur, Balasore, Odisha



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Vice Chancellor, Fakir Mohan University

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Important Dates

2nd circular: 30th October 2024

Date of submission of abstract: 15th November 2024

Intimation of acceptance of abstract: 25th November 2024

Registration & full paper submission: 5th December 2024

Registration Form

Go through the following link for registration to the International Conference

<https://forms.gle/K8vAurF2fPY6JVeEA>

Contact Details

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Background of the Programme

Coastal zones, where land meets the sea, are dynamic and ever-changing environments shaped by the interactions of geological, oceanographic, and atmospheric forces. An understanding of coastal geomorphology and processes and marine geology is vital for human settlements, economic activities, and ecosystem. Coastal geomorphology describes the shape and evolution of coastlines, including the formation of deltaic coasts, estuaries, beaches, dune fields, tidal flats and mud flats, salt marshes, swamps, coastal lagoons, lakes, beach ridges, spits, barrier islands and cliffs etc. which are gradually being lost to the cultural practices. It helps in comprehending the impacts of waves, tides, currents, and sea-level changes, fluvial and biological processes on coastal landscapes. Coastal natural hazards, viz. cyclones, storm surges, tsunamis and coastal erosion pose risks to coastal human settlements and offshore infrastructure. Marine geology, on the other hand, explores the seafloor and its composition, structure, and processes, including plate tectonics, sedimentation, and natural hazards like submarine volcanism, earthquakes and tsunamis.

The offshore region is mainly characterized by continental shelf, slope and rise. Structural features such as faults and ridges punctuate the shelf. Terrigenous sediments such as sand, silt, and clay, dominate the shelf and slope. Sedimentary basins extend offshore, containing potential hydrocarbon reserves. Economic significance related to the offshore domain includes heavy mineral sands, gas hydrate, and fisheries etc. This International Conference aims to bring together the researchers, academics, scientists, mining professionals, entrepreneurs, and government officials to exchange ideas and share their experiences on the exciting studies on coastal geology, geomorphology, mineral resources and environment and mitigation of natural hazards.

A field visit to the well-developed tidal flat of Chandipur near Balasore, with experts, will facilitate an understanding of the intricate role of natural processes in shaping the coastal geomorphology.

Scientific Themes

The scientific themes of the Conference will be focused on following Technical Sessions

- A. Coastal geomorphology
- B. Offshore geology
- C. Conservation of coastal eco-system
- D. Global climate change and its impact on coast
- E. Economic potential of mineral resources of coast and offshore
- F. Coastal Hydrology

About Balasore

Balasore, the Headquarters of the northernmost coastal district of Odisha is famous as the birthplace of many legendary Odia litterateurs, especially Fakir Mohan Senapati. Flanking the eastern margin of the Archaean Singhbhum craton, it is located within the floodplains of meandering Budhabalang river. The world famous tidal flat of Chandipur at the confluence of the Budhabalang River with the Bay of Bengal located 20 km east of the venue is a major tourist attraction. The picturesque Panchalingeswar waterfall and Lord Shiva Temple nestled in the Archaean Nilagiri Granites serves also as a major tourist attraction and is located 15 Km south of the campus.

How to reach F.M. University, Balasore

The nearest Airports (both Biju Pattnaik Airport, Bhubaneswar and Netaji Subhas Chandra Bose International Airport, Kolkata) are at a road distance of 225 kms from the Fakir Mohan University, Balasore. The Balasore city is also well connected with both rail and road. It takes four hours from Bhubaneswar and also from Howrah to reach Balasore by train and most of the trains of East Coast Railway that terminates at Howrah run through Balasore Station. The conference venue at the New Campus of the University can be reached by hired taxi (half an hour journey) from Balasore town. (Map link to reach FM University : <https://maps.app.goo.gl/4KiVfW3dHZeW4WSZ7>)

Climate

In January, Balasore, Odisha experiences cool and pleasant weather with temperatures ranging between 15°C to 30°C. It is a great time to explore the city without extreme heat or rainfall but with lots of greenery.

About Fakir Mohan University

Fakir Mohan University, Balasore, named after the eminent Odia writer Fakir Mohan Senapati, was established by the Government of Odisha under Section 32 of the Odisha Universities Act, 1989 (Act 5 of 1989) and it was notified vide the Government's Notification No. 973, dated 3rd July, 1999. It has been duly recognized by the UGC under section 2(f) of the UGC Act as well as under section 12(B). The University has been recognized by the Association of Indian Universities. The University is accredited by National Assessment & Accreditation Council (NAAC), Bangalore with "A" grade effective from 22.09.2023 and it also has a National Institutional Ranking Framework (NIRF) rank within the band 150-200 for the year 2023. At present the University is functioning in two campuses: the old campus at Januganj and the new campus at Nuapadhi of Balasore, Odisha.

About Department of Geology, FMU

The Department of Geology established in 2018-19 is offering M.Sc. programme in Applied Geology and Ph.D Programme in Geology. The Department has the vision to become a center of excellence in Geological Research in eastern India through its innovative course curriculum and quality education. The Department has a long vision to attract meritorious students by designing market oriented curriculum, imparting quality education and providing better career opportunity through innovative teaching, research and learning on a continuous basis. It has competent fulltime regular faculty members in their own domains of teaching.

About the Institution of Geoscientists Odisha (IGO)

The "Institution of Geoscientists, Odisha" (IGO)– a forum of former Scientific & Technical Officers of Geological Survey of India, launched at Bhubaneswar, Odisha, is a non-profit charitable Institution duly registered under the Societies Registration Act 1860 (Registration No-23952/78 of 2017-18) with effect from 22/01/2018. One of the major focus areas of IGO is to serve as the centre of knowledge on Earth sciences and exchange information with different Earth science organizations and academic institutions. Recently IGO has a MOU to extend necessary technical help and support to the faculties and students of the Geology Department, FMU.

Call for papers

The lectures and hands-on training related to the conference and workshop will be conducted through invited experts. However, limited original research papers covering one or more of the above stated themes are invited for presentation (either oral or through poster) in the conference. Abstract not exceeding 500/1000 words may be submitted to the email address 'geologyintconf2025@gmail.com' in A4 size, single spacing and Arial 12 font format. Abstract must have full title (maximum 75 characters), author (s) name, affiliation with the contact number and email address of the corresponding author. It should not have been submitted to any other conference/symposia earlier. Abstract will be peer-reviewed and the corresponding author will be duly intimated regarding the acceptance and mode of presentation (Oral/Poster) as per the programme. The full paper with abstract shall have to be submitted on receipt of confirmation of acceptance within the stipulated date.

Target Group

- A. Students
- B. Academicians
- C. Researchers and Scientists

Registration Fee

Registration is mandatory for participation. Participants should confirm their registration on prescribed format. Registration Fee will be as given:

- A. Invited Speakers: Nil
- B. Academician, Scientists, Professionals etc. : Rs. 2,000/-
- C. Research Scholars and Students: Rs.1,000/-

Fieldtrip

It is proposed to lead the interested participants to the Field visit on 10th January 2025 to Tidal Flats of Chandipur for understanding of coastal landforms.

Fee for Field visit: Rs 1,000/- to be paid at the time of registration.

Accommodation

Limited accommodation is available in the F.M. University campus on the first cum first serve basis. However, hotel accommodations are available within a radius of 10 km.

Sponsorship

Sponsorship for the conference is invited from the central and state government organisations, public sector undertakings, corporate sector, financial institutions, professional, exploration and mining organisations, traders, industrial houses, etc.,. The prospective sponsors are requested to extend their offer in the registration form. The support received from the sponsoring agencies shall be duly acknowledged and publicised at the conference venue. Profile of the sponsoring organization will also be published in the souvenir. Sponsors may submit such profile along with the registration form. Different categories of sponsorship are as follows:

Sponsorship/Advertisements for the conference are invited from the interested organizations. The tariff is as follows:

Category of sponsorship	Amount in INR	Facilities include
Diamond	3,00,000	Main advertisement panels in Conference room, Back cover of Souvenir, RF of 6 delegates
Ruby	2,00,000	Side advertisement panels in Conference room, Inside front cover of Souvenir, RF of 4 delegates
Emerald	1,00,000	Inside back cover of Souvenir, RF of 2 delegates

Advertisement

Advertisement charges for Souvenir:

Full page: Rs. 20,000/-

Half page: Rs. 10,000/-

Note: Size of souvenir 279.4 x 215.9 mm Print size 254x 175mm

