

Note

- *Accommodation and sleeper class rail/bus fare shall be provided by the organisers.*
- *November will be very cold so heavy warm clothing is needed.*

Duly filled form may be sent to:

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National Workshop on

Sequence Stratigraphy and Basin Analysis

For

*Research Scholars & Assistant
Professors engaged in Teaching and
Research in Sedimentology
November 26-30, 2018*



Department of Geology,
Nagaland University, Kohima Campus,
Meriema, Kohima—797 004

THE WORKSHOP

Sequence Stratigraphy is a branch of geology that attempts to subdivide and link sedimentary deposits into unconformity bound units on a variety of scales and explain these stratigraphic units in terms of variations in sediment supply and variations in the rate of change in accommodation space. It aims at dividing a succession in genetically related stratal packages in chronological terms. Hence Sequence Stratigraphy not only deals with vertical stacking but also takes into account the genetic aspects of strata. Use of Sequence Stratigraphy in Sedimentology has greatly enhanced our understanding of the basin evolution and its lithofills. Sequence Stratigraphy represents a relatively new paradigm in Geology. Sequence stratigraphic principles and identification of significant surfaces have resolved some issues.

These events have economic significance because these changes in sea level cause large lateral shifts in the depositional patterns of sea-floor sediments. These lateral shifts in deposition create alternating layers of good reservoir quality rock (porous and permeable sands) and poorer-quality mudstones (capable of providing a reservoir "seal" to prevent the leakage of any accumulated hydrocarbons that may have migrated into the sandstones). Hydrocarbon prospectors look for places in the world where porous and permeable sands are overlain by low permeability rocks, and where conditions are right for hydrocarbons to be generated and migrate into these "traps".

Keeping in mind its significance and wide application in sedimentary basin analysis, Department has decided to organize a 5 days national workshop at the Kohima Campus of Nagaland University, Meriema during November 2018.

Department of Geology

The Department of Geology was established in 1983 under the erstwhile North Eastern Hill University. In 1994, it was merged with the Nagaland University by an Act of Parliament.. Since its inception, the Geology Department has been imparting courses leading to M.Sc. and Ph.D. degrees in Geology.

Besides teaching, the Department is actively engaged in research related to Geo-Environmental studies, Petrology and Geochemistry, Sedimentology, Economic Geology, Geohazards, etc. A number of projects sponsored by Central funding agencies have been successfully completed by the Department. At present, the Department is also supported by the DST, Government of India under its DST-FIST Level-I program. The Department has also organized some National and Regional seminars and workshops. Faculties of the Department have extended their services as Consultants to various Governmental and Non-Governmental organizations of Nagaland.



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REGISTRATION FORM

Name of the participant: _____

Designation: _____

Affiliation: _____

Area of research/interest: _____

Email ID: _____

Mob No: _____

Address for correspondence:

Accommodation Required: Yes/No

Signature of the participant:

Endorsement by the Head of Department: