

**NATIONAL CONFERENCE ON RESOURCE POTENTIAL OF THE  
SEDIMENTARY BASINS AND 37<sup>th</sup> CONVENTION OF INDIAN ASSO-  
CIATION OF SEDIMENTOLOGISTS  
(IAS- 2022)**

**TENTATIVE PROGRAMME SCHEDULE**

**Link for Zoom Meeting for All Days**

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Meeting ID: 721 1863 6626

Passcode: 606531

**DAY 1**

**26.04.2022:**

**10.30am: Inauguration**

**Technical Session-I (Chairman: Prof. G. N. Nayak)**

**11.00am: Convention Address by Dr. Ravi Misra**

Energy Scenario vis a vis climate change- road ahead for Hydrocarbon industry

**11.30 am: Keynote Address by Prof. Sudipta Dasgupta**

Unusual infaunal animal-sediment interactions: Unique ichnologic preservations around the Eocene shoreline of Kutch basin, Gujarat

**12.00 - 1.30pm: Technical Session- II (Chairman: Prof. A. V. Joshi)**

1. From shallow marine siliciclastics to deep water Banded Iron Formations (BIFs)- sequence architecture and paleogeographic framework along with antiquity of Archean microbial life from Kushtagi-Hungund Schist Belt (KHSB) of Eastern Dharwar Craton (EDC), India. (Arunava Sen, Soumyadeep Bose, Pradip Samanta, Soumik Mukhopadhyay)

2. Geochemistry and paleoweathering of the Paleoproterozoic metasedimentary rocks of Mahakoshal Supracrustal Belt, Central Indian Tectonic Zone. (Kamaal Parvez, M.E.A. Mondal and Iftikhar Ahmad)

3. Depositional architecture of a high-energy gravelly braided fluvial system: Paleoproterozoic Damdama Formation, Bayana Basin, India (Rahul Bailwal<sup>1</sup>, Partha Pratim Chakraborty, Ngombi M. Larissa)
4. Architecture of a Paleoproterozoic carbonate platform in an asymmetrical rift setting: Sleemanabad Formation, Mahakoshal basin (Aditi sharma and partha pratim chakraborty)
5. Provenance analysis of Neoproterozoic braided fluvial deposits, determined by geochemistry and petrology: a case study from Sanjauli Formation, Simla Basin, Himachal Pradesh, India. (Priyanka Mazumdar, Alonothorie, Tithi Banerjee, Ananya Mukhopadhyay)
6. Siliciclastic stromatolites in a microbially influenced mixed siliciclastic-carbonate rimmed shelf, Neoproterozoic Kunihar Formation, Simla Group, Lesser Himalaya. (Alonothorie, Priyanka Mazumdar, Tithi Banerjee)
7. Sequence stratigraphy of the Permian fluvio-tidal Barren Measures Formation, Pranhita-Godavari Basin, India (Abhirup Saha and Biplab Bhattacharya)
8. Paleoenvironmental and Paleoclimatic turn-off across the Permian-Triassic Boundary: Terrestrial Record from Raniganj Basin (Damodar Valley), India (Nivedita Chakraborty)
9. Provenance of the Bajocian Sandstone of Joyan Member, Jaisalmer Basin, Western Rajasthan: Insights from Petrography and Heavy Mineral Analysis (Aashna Javed\*, K. F. Khan and M. A. Quasim)
10. Facies and Diagenetic Evaluation of Intertrappean Rocks of the Ninama area, Saurashtra Peninsula, Western India (Nishi H. Shah\* and Satish J. Patel)

### **1.30- 3.00pm: Lunch Break**

### **3.00 – 5.00pm: Technical Session- III (Chairman: Prof. Subir Sarkar and Prof. P T Hanamgond)**

#### **13.00- 3.30 pm: Keynote Address by Dr. Soumen Paul Sequence Stratigraphy: A new paradigm**

1. Stratigraphy and Sedimentology of the Bagh Group rocks Western Lower Narmada Valley, India (Apurva D. Shitole\* and Satish J. Patel)
2. Petrographic Studies of The Rocks of Jhuran Formation Around Mundhan Dome North-western Kachchh, Gujarat (Poonam Mangtani and A.V.Joshi)
3. Textural parameters of Nimar sandstone around Manawar area, Dhar district, Central India: An insight to transportation and depositional history. (Mohd Adil, S. H. Adil, Garima Singh and Avez Alam)

4. Textural parameters, petrography and diagenesis of Upper Sandstone unit of Lameta Formation in Sagar district, Central India (Garima Singh, S. H. Adil, Mohd Adil and Avez Alam)
5. Geochemistry of the Callovian-Oxfordian Kuldhara Member Shale of Jaisalmer Formation, Western Rajasthan: Implications for Source-area Weathering, Provenance and Tectonic Setting. (Sheikh Asjad, K. F. Khan, M. A. Quasim)
6. Tectonic provenance, petrography and diagenetic signatures of Surma – Tipam transitional sequences exposed in the belt of Schuppen, NE, India (Borgohain, P.<sup>1</sup>, Pandey, N.<sup>2</sup>)
7. Sedimentological Study on the Paleocene-Eocene Yinkiong Group, East Siang District, Arunachal Pradesh: Implications for Tectonic Setting and Depositional Environment. (Anannya Bordoloi).
8. Petrography and Geochemistry of Therria Sandstones From Shella Formation, Jawai-Badarpur Road Section, Jaintia Hills District, Meghalaya: Implication for Source Lithology and Paleoclimate. (Dimple Moni Kachari)
9. Depositional motif of a tide-dominated delta and its paleogeographic implications: Laisong Formation (Barail Group), Indo-Myanmar Ranges, Western Manipur. (Pramod Kumar, Kshetrimayum Lakshmirani Devi, Partha Pratim Chakraborty and Hemanta Singh Rajkumar)
10. Band ratios- a primary tool for hydrocarbon microseepage studies in Tarapur block, Cambay basin, India (Nirav Mandora, Shriti Mukherjee and Paras Solanki)

## **DAY 2**

### **27.04.2022: Technical Session-IV (Chairman: Prof. G. M. Bhat)**

#### **10.00- 10.30am: Keynote address by Prof. G. Shanmugam**

Sedimentary Basins: Processes, deposits, palaeogeography, and challenges

#### **10.30- 11.00am: Keynote Address by Prof. Satish. J. Patel**

Implications of Lithofacies and Ichnofacies in Sequence Stratigraphic Analysis: A Case Study from the Kachchh Sub-basins (Chorar Island-Wagad Highland)

### **11.00-1.00pm: Technical Session- V (Chairman: Prof. Mashar Raza)**

1. Source, weathering, Holocene climate change and monsoon signatures in surface and core sediments from Western Bay of Bengal (G. N. Nayak)
2. Late Pleistocene-Holocene sedimentation of Ramnagar Formation, Central Narmada Basin, Madhya Pradesh (M. G. Kale, Ashwin S. Pundalik and Devender Kumar)
3. Geochemistry of bottom sediments of Dal Lake: implications to provenance and urban pressure. (Ishfaq Ahmad Pall, Mohammad Saleem Dar, Gh Jeelani)
4. First report of silica phytoliths in loess-paleosol sequences of Kashmir Valley, India (Waseem Qader, Reyaz A. Dar, Ishfaq Ul Rehman, Irfan Rashid, Jehangeer A. Mir, Showkat H. Mir)
5. High-resolution multi-proxy record of the Kashmir Loess-Palaeosol-Sequence reveals predominant local dust sources and imply the potential of climate-dependent aeolian archives in Kashmir, India. (Jehangeer A. Mir, Reyaz A. Dar, Christian Zeeden, Mathias Vinnepand, Christian Rolf, Christian Laag, Waseem Qader)
6. Seasonal Textural Variation of Beach Sediments along Malvan-Achra, Sindhudurg, Maharashtra, West Coast of India (P T Hanamgond)
7. A neoichnological account from the Talsari tidal flat, Odissa, India (Rahul Rawat, Abhijit Chakraborty, Biplab Bhattacharya, H. N. Bhattacharya)
8. Trace element geochemistry of recent stream sediments from Kurheri basin of Son River, Sidhi district, M.P., Central India: Deciphering the geogenic source from geochemical signatures (Abdul Qayoom Paul, Hemant Kumar, B. P. Singh, Shamim A. Dar, Mansoor Ahmad)
9. An implication of petrography in the elucidation of groundwater contaminations: a case study from Wardha Valley coalfields. (Priyadarshan s. Ganvir, Rajeeva Guhey)

10. Study of stable oxygen isotopes and interaction of surface and sub-surface water in the outer plains of the Tawi River watershed, Jammu district, Jammu and Kashmir. (Meenu Sharma, S.K. Pandita and Rajwant)

### **1.00-2.30pm: Lunch Break**

### **2.30- 3.30pm: Technical Session-VI (Chairman: Prof. Santanu Banerjee)**

1. A preliminary study of Eocene-Miocene dykes intruding Ladakh batholith, Ladakh, India. (Akhtar R. Mir and Shamim A. Dar)
2. Contrasting geochemical characteristics of two greenstone belts of central Indian shield: implications for two different mechanisms of greenstone belt development (H. Wani)
3. The oldest Jurassic microvertebrate fossils of India (Jitendra Kumar Sharma<sup>1</sup>, R.S. Lourembam<sup>2</sup>, Dharendra Kumar Pandey<sup>3</sup>, G. V. R. Prasad<sup>2</sup>)
4. Implications of Structural Geology to Delineate slope Stability: A case study from Mandakini Valley (Ashish Kumar Kaushik<sup>1</sup>, Om Prakash Thakur<sup>1</sup>, Mohit Kumar Puniya<sup>2</sup>)
5. Geo-environmental impact of Tawi riverfront development project, Jammu District, Jammu & Kashmir, India (Sumit Johar, Shifali Chib, S. K. Pandita, Yudhbir Singh)
6. Investigation of Toldi landslide at km 78.10 along the national highway (NH- 44), Udhampur, Jammu And Kashmir: A case study (Rajesh Singh Manhas, Shifali Chib, Yudhbir Singh, Sumit Johar)
7. Geotechnical investigation of Dewal bridge landslide at km 79.15 along the national highway (NH-44), Udhampur, Jammu And Kashmir (Shifali Chib, Rajesh Singh Manhas, Yudhbir Singh, Sumit Johar)
8. Awareness and preparedness of different disasters among the college teachers and students of Jammu District: A case study (Sham. S. Kotwal<sup>1</sup>, S. K. Pandita<sup>2</sup>, Y. Singh<sup>2</sup>, Ahsan Ul Haq<sup>2</sup>, G.M. Bhat<sup>2</sup>, Rajesh Singh Manhas<sup>2</sup> and Nisha<sup>1</sup>)

### **3.30pm onwards: General Body Meeting of IAS and Valedictory Function**