

Precambrian Basins of India:
Stratigraphic and Tectonic Context

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**Precambrian Basins of India:
Stratigraphic and Tectonic Context**

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Dedication

We take pleasure as editors in dedicating this memoir to Professor Supriya M. Sengupta and the late Professor Sukomol K. Chanda for their pioneering sedimentological research in India.



Late Professor Sukomol K. Chanda

The late Professor Sukomal Chanda pioneered modern sedimentological research in India and encouraged others to share his passion. He was the father of Indian sedimentology – a great teacher, friend and guide of almost all young sedimentologists in India who were either his students or colleagues. He initiated Precambrian sedimentological research in India and published many excellent research papers in peer-reviewed, high impact Earth Science journals on the late Palaeoproterozoic–Mesoproterozoic successions of the Vindhyan Basin and the Proterozoic successions of the Pranhita–Godavari Basin. He was responsible for initiating sedimentological research on the Precambrian terrain of Singhbhum. He utilized whatever resources were available, incrementally collecting thin sections of type rocks from Robert L. Folk in exchange for postage stamps to build up a rudimentary laboratory at Jadavpur University, Kolkata.



Professor Supriya M. Sengupta

Professor Supriya Mohan Sengupta initiated experimental sedimentological research in India. He spent his early career in the oil industry and undertook detailed sedimentological facies analysis in the Gondwana basins of India. Subsequently he worked, as a member of the geology faculty, with Phillip H. Kuenen, the turbidite maestro and developed the flume laboratory at the Indian Statistical Institute of Kolkata to infer palaeohydraulic conditions of bedform development. His conviction that cause-and-effect analysis in any branch of natural sciences yields numerical data, which are necessarily processed by mathematical–statistical techniques, encouraged clastic sedimentologists in India to undertake quantitative sedimentological research. He has published excellent papers in leading sedimentological journals, such as *Sedimentology* and the *Journal of Sedimentary Petrology*, related to experimental sediment transport, the origin of graded bedding and basin analysis.

RAJAT MAZUMDER
PATRICK G. ERIKSSON

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