

LIST OF PUBLICATIONS

In Peer Reviewed Journals

1. **Dasgupta, A.**, Bose, S., Das, K., & Ghosh, G., 2017. Petrological and geochemical evolution of the Central Gneissic Belt, Rengali Province, eastern India: Implications for the Neoproterozoic growth and orogenesis. **Journal of Asian Earth Sciences** **146**, 1-19.
2. Bandopadhyay, P. C., van Hinsbergen, D. J.J., Bandyopadhyay, D., Licht, A., Advokaat, E. L., Plunder, A., Ghosh, B., **Dasgupta, A.**, Trabuco-Alexandre, J. P., 2021. Paleogeography of the West Burma Block and the eastern Neotethys Ocean: constraints from Cenozoic sediments shed onto the Andaman-Nicobar ophiolites. **Gondwana Research** **103**, 335-361.
3. Bose, S., Das, K., Kimura, K., Hidaka, H., **Dasgupta, A.**, Ghosh, G., Mukhopadhyay, J., 2016. Neoproterozoic tectonothermal imprints in the Rengali Province, eastern India and their implication on the growth of Singhbhum Craton: Evidence from zircon U-Pb SHRIMP data. **Journal of Metamorphic Geology** **34(8)**, 743-764.
4. Ghosh, G., Bose, S., Das, K., **Dasgupta, A.**, Yamamoto, T., Hayasaka, Y., Chakrabarti, K., Mukhopadhyay, J., 2016. Transpression and juxtaposition of middle crust over upper crust forming a crustal scale flower structure: Insight from structural, fabric, and kinematic studies from the Rengali Province, eastern India. **Journal of Structural Geology** **83**, 156- 179.

Conference Abstracts

1. **Dasgupta, A.**, Sorcar, N., Mukherjee, S., Sarkar, A., 2025. Metamorphic characterization of metabasites from Proterozoic Chandil Formation and their implication in the tectono-thermal evolutionary history of northern margin of North Singhbhum Mobile Belt (N-NSMB). National Conference on *Magmatism, Metamorphism and Metallogeny: Focus on the Indian cratons and Mobile Belts* At: ESSO- NCESS (National Centre for Earth Science Studies), Thiruvananthapuram. 16th-18th February 2025.
2. **Dasgupta A.**, Bose S., Das K., Ghosh G., 2017. Is monazite a better time keeper than zircon? A case study from central and eastern part of Rengali Province, Odisha, India. Workshop on Geochronology, IUAC, New Delhi. 16th-17th November 2017.
3. **Dasgupta, A.**, Das, K., Bose, S., Ghosh, G., 2014. Charnockites of the Rengali Province, India and their role in the orogenic processes at the southern boundary of the Singhbhum Craton. National seminar on *Making of Indian continent* at Presidency University, Kolkata. 7th -8th November, 2014.

4. Bose, S., Ghosh, G., **Dasgupta, A.**, Das, K., 2014. Growth and evolution of craton margin mobile belt: evidence from Rengali Province, Eastern India. AOGS meeting, Sapporo, 28th July-01st August, 2014.
5. Bose, S., Das, K., Kimura, K., Hayasaka, Y., Hidaka, H., **Dasgupta, A.**, Ghosh, G., Mukhopadhyay, J., 2013. Zircon and monazite geochronology of the granulites and associated gneisses from the Rengali Province, India: Growth of the southern margin of the Singhbhum Craton. AGU Fall Meeting, San Fransisco, 9th- 13th December, 2013.
6. Mallick S., **Dasgupta, A.**, Ghosh, G., Bose, S., Mal, S., Mukhopadhyay, J., 2013. Structural Architecture from the Rengali Province, Eastern Ghats Belt, India and growth of southern margin of the Singhbhum Craton. ESEMR, ISM Dhanbad, 14th-16th November, 2013.
7. Bose, S., **Dasgupta, A.**, Ghosh, G., 2013. Growth of one of the oldest cratonic nuclei: evidences from southern margin of the Singhbhum craton, India. EEMR 2013, Bhubneshwar, 12th-13th August, 2013.