

Publications:

List of Research Publications:

- Sengupta, P., Dutta, U., **Bhui, U. K.** and Mukhopadhyay, D. (2008) Genesis of wollastonite- and grandite- rich skarns in a suite of marble-calc-silicate rocks from Sittampundi, Tamil Nadu: Constraints on the P-T-fluid regime in parts of the Pan-African mobile belt of South India. Accepted for publication in special issue on 'Metasomatism'. *Mineralogy and Petrology*
- **Bhui, U.K.**, Dutta, U., Sengupta, P., and Mukhopadhyay, D. (2007). Petrogenesis of chromite bearing rocks from Archaean Sittampundi Complex, Southern Granulite Terrane, India: Implications for composition of the parental magma and depth of emplacement of Precambrian layered intrusions. (Under Review for *Precambrian Research*).
- Sengupta, P., **Bhui, U. K.**, Braun, I., Dutta, U. and Mukhopadhyay, D. (2007). Chemical substitutions and paragenetic relations of h ogbomite in Sittampundi layered anorthosite complex, south India and their implications. (Under Review for *American Mineralogist*)
- **Bhui, U. K.**, Sengupta, P. and Sengupta, Pranesh (2007). Phase relations of a suite of mafic dykes and their host rocks from Kondapalle, Andhra Pradesh, India: Implications for the time-depth trajectory of the Palaeoproterozoic (late Archaean?) granulites from southern Eastern Ghats Belt, *Precambrian Research*, **156**, 153-174.
- **Bhui, U.K.** and Sengupta P. (2007). Petrology of a suite of Mesoproterozoic dolerite dykes from Kondapalle, Eastern Ghats Belt: significance of their depth of emplacement and physical conditions of metamorphism. In: J. S. Roy and C. Bhattacharya(Eds.)*"Igneous Petrology:Twenty first century perspective"* Allied Publishers, 20-36.
- Sengupta, P., Sen, J., Dasgupta, S., Raith, M., **Bhui, U. K.** and Ehl, J. (1999). Ultra-high temperature metamorphism of metapelitic granulites from Kondapalle, Eastern Ghats belt: implications for the Indo-Antarctic correlation. *Journal of Petrology* **40**, 1065-1087.
- Sengupta, P., Dasgupta, S., **Bhui, U. K.**, Ehl, J. and Fukuoka, M. (1996). Magmatic evolution of mafic granulites from Anakapalle, Eastern Ghats, India: implications for tectonic setting of a Precambrian high-grade terrain. *Journal of Southeast Asian Earth Sciences* **14**, 185-198.

List of Papers/Abstracts published in Seminars/Conference proceedings/Workshops

- **Bhui, U.K.**, Sengupta Pranesh and Sengupta P. (2005). Phase relations of a suite of mafic dykes/sills from Kondapalle, Eastern Ghats belt: implications for depth-time trajectory of a former lower crust. Abstract in the Worksnop on *"Igneous Petrology:Twenty first century perspective"* held on 18th February, 2005 at University of Calcutta.