



## Dr. Sarifa Khatun

M. Sc., Ph. D (Jadavpur University)  
[Assistant Professor of Geology]

*Sarifa Khatun joined W.B.E.S in 2015*

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### Medal/Award/Honour

- Goldschmidt Travel Grant Award in 2009.
- Professor Nirmal Nath Chatterjee Medal in 2011 by Asiatic Society, India.

### Research Interest

- Ore Geology
- Platinum Group Element (PGE) geochemistry

### Significant Research

- Details works on PGE geochemistry of the Sukinda and Nuasahi massif, Singhbhum Craton, Orissa

### Publications

- **Khatun, S.**, Mondal, S.K., Balam, V., Rosing, M.T., and Frei, R., (2009): Geochemistry of Mesoarchean Sukinda chromite deposits (India): implications for gabbro-breccia hosted PGE Mineralization. GOLDSCHMIDT 2009 (Davos). *Geochimica et Cosmochimica Acta Supplementary Volume 73, A 647*
- **Khatun, S.**, Mondal, S.K., Zhou, M.-F., Balam, V., Prichard, H.M., 2014. Platinum-group element (PGE) geochemistry of Mesoarchean ultramafic–mafic cumulate rocks and chromitites from the Nuasahi Massif, Singhbhum Craton (India). *Lithos* 205, 322–340.
- Mondal, S.K., **Khatun, S.**, Rosing, Minik T., Satyanarayanan, M., Ravindra Kumar, G.R., Balam, V., 2015. Platinum-group element (PGE) geochemistry of the boninitic magma-derived chromitites and ultramafic-mafic cumulate rocks from the Mesoarchean Sukinda Massif, Singhbhum Craton (India). *Lithos* under review.