

## DR. RAMAKRISHNA BAG

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### EDUCATIONAL QUALIFICATIONS:

Jan. 2008-Nov. 2011      PhD, Geoenvironmental Engineering, Cardiff University, UK.  
Aug. 2005-July 2007      ME, Geotechnical Engineering, IISc, Bangalore.  
Aug. 2001-July 2005      BE, Civil Engineering, BESU, Shibpur, Howrah.

### WORK EXPERIENCE:

Nov. 2011- June 2014      Post-doctoral research assistant, School of Engineering, Cardiff University, UK.  
Jan. 2008- Apr 2011      Teaching assistant, School of Engineering, Cardiff University, UK.  
Aug. 2007-Nov. 2007      Senior Design Engineer, L&T ECC Limited, Chennai, India.

### PROFESSIONAL MEMBERSHIP:

Jan 2014 onward      Graduate member, Institute of Civil Engineers (ICE), London, UK.  
Oct. 2013- June. 2014      Committee member, Ground Engineering Group, ICE-Wales, UK.  
2009 onward      Life member, Ground Engineering Group, ICE-Wales, UK.

### PUBLICATIONS:

- Tripathy, S., **Bag Ramakrishna**, Thomas, H.R., 2014, Effects of post-compaction residual lateral stress and electrolyte concentration on swelling pressures of a compacted bentonite, *Geotechnical and Geological Engineering journal*. vol. 32, pp 749-763. DOI 10.1007/s10706-014-9754-7.
- Tripathy, S., **Bag Ramakrishna**, Thomas, H.R., 2013, Effect of Stern-layer on the Compressibility behaviour of bentonites, *Acta Geotechnica*, pp 1-12, DOI 10.1007/s11440-013-0222-y.
- Tripathy, S., **Bag Ramakrishna**, Thomas, H.R., 2014, Enhanced isothermal effect on swelling pressure of compacted MX80 bentonite, *Engineering geology for society and territory, Torino, Italy, G.Lonillo et al. (Ed.)* vol 6, pp 537-539. DOI:10.1007/978-3-319-09060-3\_96.

- **Bag Ramakrishna**, Tripathy, S., Thomas, H.R., 2010, Behaviour of Compacted MX80 Bentonite under Thermo-hydraulic Gradients, *In proceedings of Sixth International Congress on Environmental Geotechnics*, Delhi, India, Datta, M., Srivastava, R.K., Ramana, G.V., Shahu, J.T., pp 1401-1404.
- Tripathy, S., **Bag Ramakrishna**, Thomas, H.R., 2010, Desorption and Consolidation Behaviour of Initially Saturated Clays, *In proceedings of Fifth International Conference on Unsaturated Soils*, Barcelona, Spain, Alonoso, E., Gens, A., pp 381-386.