



PUSPANJALI SONOWAL

Education

M.Tech. (2012), Civil Engineering, Indian Institute of Technology, Guwahati, India

Bachelor of Engineering (1998) Civil Engineering, Jorhat Engineering College, Jorhat, India

Professional Experience

Assistant Professor (Since April 2009), Department of Civil Engineering, Assam Engineering College, Guwahati, India

Lecturer (January 2007 - March 2009), Department of Civil Engineering, Assam Engineering College, Guwahati, India

Site cum planning engineer (2000-2007) , Gogoi and associates,
builder cum designer, Guwahati

- Executing site related work, construction monitoring
- Preparation of budget and time cycle of various construction & activities.
- Graduate Engineer Trainee (February 1999 - January 2000), Brahmaputra board , India

Specialization: Environmental Engineering

Primary Research Interests

Water/ Waste Water Treatment

Solid Waste Management

Publications:

Sonowal, P., Dhamodharan, K., Khwairakpam, M., Kalamdhad, A.S., 2013. Feasibility of vermicomposting of dewatered sludge from paper mill using *perionyx excavatus*. *European Journal of Environmental Sciences*, 3(1), 17-26.

Sonowal, P., Khwairakpam, M., Kalamdhad, A.S., 2013. Stability analysis of dewatered sludge of pulp and paper mill during vermicomposting. *Waste and Biomass Valorization* 5, 19-26.

Sonowal, P., Khwairakpam, M., Kalamdhad, A.S., 2014. Vermicomposting of solid pulp and paper mill sludge (SPPMS) using *Eudrilus Eugeniae* earthworm. *International Journal of Environmental Sciences* 5(3), 502-514.

Sonowal, P., Khwairakpam, M., Kalamdhad, A.S., 2014. Vermicomposting of dewatered sludge from pulp and paper mill. *International Journal of Environment and Waste Management* 15(1), 24-38.

Katuwal. K., Duarah. A. , Sarma M. K., Rahman M., Sonowal. P., Comparative Study of M35 Concrete using Marble Dust as Partial Replacement of Cement and Fine Aggregate, *International Journal of Innovative Research in Science, Engineering and Technology* ; Vol. 6, Issue 5, May 2017

Professional Membership:

Institute of Engineers (M-150386-8)