

List

OF PUBLICATIONS

In Journals

1. **Sangita Baruah**, Jayasree Borgohain and K.P. Sarma. Phytoremediation of Arsenic by *Trapa natans* in a Hydroponic System, *Journal of Water Environment Research* **11**, 422-432, 2014.
2. **Sangita Baruah**, Kalyan Kr Hazarika and K.P. Sarma. Uptake and Localization of Lead in *Eichhornia crassipes* grown within a hydroponic system. *Advances in Applied Science Research* **3** (1), 51-59, 2012.
3. **Sangita Baruah**, K.P. Sarma, A. K. Buragohain, K. K. Hazarika. Accumulation and Effects of Arsenic in diatom *Navicula* sp. – An X-ray energy dispersive study, (Communicated).
4. **Sangita Baruah**, Monashree Sarma Bora, Pratibha Sharma, Pritam Deb and K.P. Sarma. Understanding of the distribution, translocation, bioaccumulation and ultrastructural changes of *Monochoria hastata* plant exposed to Cadmium. *Water, Air, & Soil Pollution* (Accepted).

In Seminars/ Conferences

1. **Sangita Baruah**, K.P.Sarma “Bio-accumulation of Lead *Eichhornia crassipes*: a histochemical study”. An International Conference ‘42nd IUPAC Congress’ Chemistry Solutions, 2-7 August 2009 in Glasgow, Scotland, the U.K.
2. **Sangita Baruah**, Alak K. Buragohain, D. Mudak and K.P.Sarma “The Evaluation of Genotoxicity of Leachate of Municipal Waste using *Allium* test”. A National Seminar, on “Climate Change and Sustainable Development With Reference To India”, 1-3rd April, 2010 at Tezpur University, Assam, India.
3. **Sangita Baruah**, Alak K. Buragohain, D. Mudak, K.P.Sarma and A.K. Das “The Evaluation of Genotoxicity of Leachate of Municipal Waste using *Allium* test”. A National Seminar on, “Urban Waste Disposal and Its Impact on Environment and Public Health: Quest for Solutions” held at Sibsagar College, Joysagar from 23rd to 25th September, 2010.
4. **Sangita Baruah**, K.P.Sarma, “Uptake and localization of Lead in *Eichhornia crassipes* grown within a hydroponic system”. A National Seminar on” Environmental Management and Development of North East India” held at North East India Council of Social Science Research (NEICSSR), Shillong from 3rd - 4th June, 2011.
5. **Sangita Baruah**, K.P.Sarma, “Removal of Lead through accumulation in *Eichhornia crassipes*: an eco-friendly approach”. 18th International Conference (Post: ISCBC-2011) Perspective and Challenges in Chemical and Biological Sciences: Innovation Cross Roads, 28th -30th January, 2012, at Institute of Advanced Study in Science and Technology (IASST), Guwahati, Assam.
6. **Sangita Baruah**, K.P.Sarma, “Uptake and Localization of Arsenic (As) in *Trapa natans* grown in a hydroponic system”. An International Conference on Harnessing Natural Resource for Sustainable Development- Global Trend, in 29-31 January, 2014, organized by Cotton College, Guwahati, Assam, India,