

Monthly Report (May 2011)

MoU signed

MoU with Gujarat Industrial Development Corporation (GIDC), Jhagadia to study the submergence scenario of Aliya Bet due to proposed Dam in Gulf of Khambhat using GIS and RS modeling tools (18 May 2011)

Patent filed in India and abroad

Carbon Bed Electrolyzer for Treatment of Liquid Effluents

Reports submitted

- a. Technical Evaluation of Relocation of Tanneries in Jajmau Area, Kanpur (this project was sponsored by Govt. of UP)
- b. Inspection of M/s Sterlite Industries (India) Ltd., Thoothukudi – Assessment of Environmental Pollution Status

Samples analyzed

1. Atomic Absorption Spectrometer – 182
2. Fluorescence Spectrophotometer – 25
3. TOC Analyzer - 224
4. CHNS analyzer 24
5. ICP-AES/OES 623 , Analytes – 5860
6. GC 506
7. UV-Vis-NIR 67

Papers published

1. S. Venkata Mohan, Leena Agarwal, G. Mohanakrishna, S. Srikanth, Atya Kapley, Hemant J. Purohita and P.N. Sarma, Firmicutes with iron dependent hydrogenase drive hydrogen production in anaerobic bioreactor using distillery wastewater, International Journal of Hydrogen Energy, In Press, Corrected Proof, Available online 11 May 2011
2. S. Selvakumaran, Atya Kapley, Sanjay M. Kashyap, Hatim F. Dagainawala, Vipin C. Kalia and Hemant J. Purohit, Diversity of aromatic ring-hydroxylating dioxygenase gene in Citrobacter Original Research Article, Bioresource Technology, Volume 102, Issue 7, April 2011, Pages 4600-4609

Participation in seminar

Dr. Anjali Srivastava attended a Regional Seminar organized by SIDA at Veitnam Ha Long Bay from 15-21 May 2011

National Technology Day

CSIR-NEERI celebrated National Technology Day on 11th May 2011 in the NEERI Auditorium. Dr. Gufran Beig, Joint Director / Scientist & Bhatnagar Awardee, Indian Institute of Tropical Meteorology (Ministry of Earth Sciences, Govt. of India), Pune was the Chief Guest on this occasion and delivered the National Technology Day Lecture on "Chemical Weather and Environment: Towards Decision Support System".

Educational visits

40 students from various Institutes / Universities visited the Institute and were briefed about the ongoing / significant R&D activities of the Institute in Marathi / Hindi / English