

CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE
(Council of Scientific & Industrial Research)
Karaikudi

NOTIFICATION NO. 19/2008

Indo-French Postdoctoral Research Position

A post-doctoral position is opened in the field of water treatment (removal of nitrate) in LACCO, University of Poitiers, Cedex, France. LACCO (Laboratory of Catalysis in Organic Chemistry) is a lab associated with CNRS (UMR CNRS 6503) with a staff of approximately 70 with large activity in the field catalysis and electrocatalysis for application in environment (water treatment, post-combustion...), fine chemistry and energy (reforming, hydrogen production and purification, fuel cells...).

The research project entitled '**Enhanced Processes for the Removal of Nitrate from water**' deals with the development of catalysts and electrocatalysts for the removal of nitrate from water to environmentally friendly nitrogen.

Qualifications of the candidate

Ph.D. in Material Chemistry with experience in Electrochemistry.

The applicant must be able to work autonomously, which includes surveying the state-of-the-art, devising a research work-programme within the framework of the project and establishing relevant contacts for characterization experiments. It is mandatory that the candidate possesses good communication skills and scientific reporting skills. He or she also needs to be able to work in a multidisciplinary international team composed of technologists and chemists.

Fellowship and application

The postdoctoral position is opened within the framework of a collaborative project between LACCO, University of Poitiers, France and Central Electrochemical Research Institute, Karaikudi, India and funded by the Indo French Centre for the Promotion of Advanced Research (IFCPAR), New Delhi, India. The fellowship is 1850 euros per month and fellowship is for one year. **The candidate is expected to join LACCO, University of Poitiers in France by October/November 2008. The Candidate must be an Indian citizen** and will report to **Dr Florence EPRON**, Researcher, LACCO, University of Poitiers, France. Interested candidates should send their CV, motivation letter and three recommendation letters (all in English) jointly to: **Dr S. Vasudevan, CECRI, India** (svdevan_2000@yahoo.com) and **Dr Florence EPRON, France** (florence.epron.cognet@univ-poitiers.fr) on or before **15 September 2008**.