

Ph.D. and Postdoctoral positions available

INDO-FRENCH PROJECT ON CHEMISTRY AND SPECTROSCOPY OF PAH AND THEIR CLUSTERS

Indo-French Centre for the Promotion of Advanced Research is funding a project on '**Chemistry and Spectroscopy of PAH and their clusters**' to be jointly carried out by Indian Institute of Science, Bangalore and University of Rennes, France. One Ph.D. position at the University of Rennes and two post-doctoral positions at the Indian Institute of Science have been approved for this project. The Ph.D. position is available from 1 September 2006 (1300 Euro per month) and the candidate will work with the Astrochemistry group of the University of Rennes. The group is internationally recognized for its activities in low temperature kinetics and spectroscopy (<http://www.palms.univ-rennes1.fr/ASTROEXP/>). The post-doctoral positions (Rs 13,000 pm) can be filled immediately and will be available till suitable candidates are found.

For the Ph.D. position, candidates with Indian citizenship, an M.Sc. degree in physics or chemistry and motivation in working on astrophysical problems are invited to apply. Experience in spectroscopy, mass spectrometry, supersonic flows, and kinetics would be a plus. The Ph.D. student will be involved in a project devoted to the acquisition of fundamental data concerning Polycyclic Aromatic Hydrocarbons (PAHs) and their clusters, of strong astrophysical and combustion interests. For more information contact, Dr Robert Georges (robert.georges@univ-rennes1.fr) or Dr Ludovic Biennier (ludovic.biennier@univ-rennes1.fr). Applications will be accepted until **15 June 2006**.

For the postdoctoral positions, candidates who have completed their Ph.D. in experimental physical chemistry/chemical physics can apply. One position involves spectroscopic studies on model clusters using a home-made pulsed nozzle Fourier transform microwave spectrometer. The other position involves kinetic studies of cluster formation at high temperatures using a shock tube. Candidates should have experience in experimental physical chemistry in the area of chemical kinetics or molecular spectroscopy. For more information contact: Prof. E. Arunan (e-mail: arunan@ipc.iisc.ernet.in) or Prof. K. P. J. Reddy (e-mail: laser@aero.iisc.ernet.in), Indian Institute of Science, Bangalore 560 012.

Quest Specialty Chemicals is an organisation in the field of organic chemicals with collaboration of USA partner. Quest started manufacturing activity in special economic zone at sachin near Surat and desires to manufacture 100% export oriented organic specialty chemicals. We are looking for motivated and result oriented person for the following positions.

Project Manager (Code: GL)

To lead a team of M.Sc./Ph.D. level chemists performing synthesis, purification and analysis of unique organic molecules under collaboration of our USA partner.

The candidate must be Ph.D. with Synthetic Organic Chemistry having industrial experience of minimum of 5 years, in multi step synthesis and knowledge of modern synthetic and analytical methods. The candidate should be familiar with purification and characterisation techniques such as TLC, flash column chromatography, GL, HPLC, NMR, etc.

Analytical Chemist (Code: AC)

To meet the quality objective of organic chemicals manufactured by the organisation. The candidate must be Post Graduate in Analytical Chemistry with Ph.D. having industrial experience of minimum 3 years in Quality Control and Quality Assurance. The candidate should be familiar with characterisation techniques such as TLC, flash column chromatography, GL, HPLC, NMR, etc.

An attractive package with excellent perks, residential accommodation and other corporate benefits will be offered, commensurate with qualification, experience and track record. Interested candidate may send their resume within 15 days to



Director:

Quest Specialty Chemicals

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