



INSTITUTE OF CHEMICAL TECHNOLOGY
(University under section 3 of UGC Act – 1956) (Formerly known as UDCT/UICT)
Elite Status and Centre of Excellence – Govt of Maharashtra
NBA Accredited 'A' Grade by MHRD, UNIVERSITY PAR EXCELLENCE
MATUNGA, MUMBAI-400019

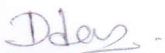
Applications are invited for the post of **Project Assistant** on a project entitled “Transition metal mediated catalytic two and four electron reduction of O₂: synthesis, structure-reactivity correlation and mechanistic insights by trapping intermediates”.

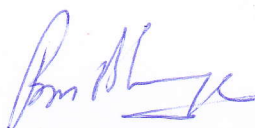
The details for the post are as follows:

Name of the Post	Project Assistant
Number of Posts	One
Principal Investigator	Dr. Dipanwita Das
Title of the Project	Transition metal mediated catalytic two and four electron reduction of O₂: synthesis, structure-reactivity correlation and mechanistic insights by trapping intermediates
Sponsor	Department of Science and Technology
Salary	Rs. 12,000 /- pm
Qualifications	Masters in Science (Chemistry) – any specialization
Duration	One year (Extendable to three years based on annual performance review)

The development of newer classes of transition metal complexes and the effective catalytic studies on dioxygen reduction have become an important subject matter of recent chemical research. The essentiality of such catalysis is not only to aid the elucidation of fundamental principles relevant to biological processes, but also in energy converting systems such as in fuel cell applications. The candidate will have an opportunity to learn a host of experimental techniques. An intense interest in synthesis, kinetics, spectroscopy and basic knowledge of computers is desirable. The terms and conditions of the appointment will be as per UGC norms.

Interested candidates should send application form duly filled along with copies of all relevant certificates and documents to ‘Head, Department of Chemistry, Institute of Chemical Technology, Nathalal Parekh Marg, Matunga, Mumbai, 400 019’, on or before **10th May 2014**. The envelope containing application should be labeled “Project Assistant - ATTN: Dr. Dipanwita Das, ICT”. The candidates **must** also send a soft copy of all application form to dr.das@ictmumbai.edu.in with ‘**DST PA** position’ in the subject line **on or before 10th May 2014**. Shortlisted candidates will be called for interview with prior notice. No T.A. / D.A. will be given to appear for this interview.


Dr. Dipanwita Das
(Principal Investigator)


Prof. B. M. Bhanage
(Head, Department of Chemistry)