

INSTITUTE OF CHEMICAL TECHNOLOGY
DEEMED TO BE UNIVERSITY UNDER SECTION - 3 OF UGC ACT-(1956)
First Elite Status & Centre of Excellence – Govt. of Maharashtra
Category I Institute, MHRD/UGC (2018)
A++ Grade by NAAC (CGPA 3.77)
TEQIP III Funded
MATUNGA, MUMBAI 400 019

Date: 15th September 2018

Advertisement

Applications are invited for SIX Junior Research Fellows under the DAE ICT Centre for the following projects related to Deuterated Drugs as detailed below:

PROJECT 1

Title : **BIOENHANCED & TARGETED DRUG DELIVERY SYSTEM OF DEUTERATED MITOCURCUMIN**

Principal Investigator : Prof. Padma V. Devarajan

Co-Principal Investigator : Prof. Mariam S. Degani

No. of Positions : TWO

Qualification JRF -1 : M.Pharm-Pharmaceutics OR
M.Tech(Bioprocess Technology) OR
M.Tech(Biotech) OR
M.Tech Pharmaceutical Technology OR
M.Tech Pharmaceutical Biotechnology

Experience : Candidates with experience in working on nano drug delivery systems, or cell lines or animal handling may be preferred

Qualification JRF 2 : M.Pharm-(Pharmaceutical Chemistry or equivalent) OR
M.Sc (Organic Chemistry or equivalent) OR
M.Tech Pharmaceutical Technology

Experience : Candidates with experience in working in synthesis or metabolism studies may be preferred.

PROJECT 2

Title : **MODIFIED DEUTERATED POLYPHENOLS AS CHEMOTHERAPEUTIC AND ANTIMICROBIAL AGENTS**

Principal Investigator : Prof. Mariam S. Degani

Co-Principal Investigator : Prof. Sadhana Sathaye

No. of Positions : TWO

Qualification JRF 3 : M.Pharm-(Pharmaceutical Chemistry or equivalent) OR
M.Sc (Organic Chemistry or equivalent) OR
M.Tech Pharmaceutical Technology

Experience : Candidates with experience in working in synthesis will be preferred.

Qualification JRF 4 : M.Pharm (Pharmaceutical Chemistry, Analytical Chemistry or Pharmacology or equivalent), OR
M.Tech Pharmaceutical Technology

Experience : Candidates with with experience in analytical techniques, and experience in working in metabolism studies or animal handling, and may be preferred.

PROJECT 3

Title : **DEUTERATED AMINO ACIDS FOR POSSIBLE INCREASE OF LIFETIME OF AN ACTIVE DRUG**

Principal Investigator : Prof. Shreerang V. Joshi

Co-Principal Investigator : Prof. K S Laddha

No. of Positions : ONE

Qualification JRF -5 : M.Pharm-(Pharmaceutical Chemistry or equivalent), OR
M.Sc (Organic Chemistry or equivalent,) OR
M.Tech Pharmaceutical Technology

Experience : Candidates with experience in working in synthesis will be preferred.

PROJECT 4

Title : **DEUTERATED NATURAL PRODUCTS**

Principal Investigator : Prof. K S Laddha

Co-Principal Investigator : Prof. Shreerang V. Joshi

No. of Positions : ONE

Qualification JRF -6 : M.Pharm-(Pharmaceutical Chemistry/ Pharmacognosy or equivalent), OR
M.Sc (Organic Chemistry or equivalent,) OR
M.Tech Pharmaceutical Technology

Experience : Candidates with experience in working in synthesis will be preferred.

Remuneration/Fellowship : As per DAE rules

The project fellow will be appointed initially **until March 31st, 2020**, and the tenure MAY be extended based on performance and continuation of funding support. The fellow may be allowed to register for PhD, if eligible as per ICT rules.

Interested candidates should send their applications including cover letter, Curriculum vitae by email (research.assistant@staff.ictmumbai.edu.in). Please mention in the subject of email "Application for the post of Junior Research Fellow 1-6 (as applicable) with relevant project title. The applications should reach before 24th September, 2018 along with cover letter and Curriculum vitae.

The interview will be held on Wednesday, October 5th, 2018 at 2.00pm in the Pharma Conference Room (A-253), Department of Pharmaceutical Sciences and Technology, Institute of Chemical Technology, Matunga, Mumbai 400019. Selection will be based on an interview conducted by a committee. The recommendation of the committee will be final.

No TA/DA will be provided to appear for this interview.

R. Deshpande
17-09-18

Registrar