



Indian Institute of Technology Jodhpur

Office of Research and Development

Advt. No.: IITJ/R&D/2020-21/47

14 January 2020

Project Recruitment

Applications are invited from the citizen of India for filling up the following temporary position in the Sponsored Research project at this Institute. The position is purely temporary, initially for a period of 01 Year, and extendable but co-terminus with the duration of the project, on contractual basis with consolidated pay. The requisite qualification, experience and others details are given below:

1.	Project No.	S/SERB/NKR/20200054
2.	Project Title	Tandem Reactions Utilizing Nitrogen Ylides: Unified Approach for Asymmetric Synthesis of Diverse Heterocycles
3.	Name of the Project Investigator	Dr. Nirmal Kumar Rana
4.	Duration of Initial Appointment	01 Year
5.	Name of Initial Appointment	Junior Research Fellow
6.	Post	01
7.	Salary Range	Rs. 31,000/- +HRA
8.	Minimum Qualification and Experience	<u>Eligibility:</u> M. Sc. Chemistry and NET/GATE Qualified with Minimum of 3 years research experience in Asymmetric Organic Synthesis. <u>Desirable Qualification:</u> Research experience in the field of asymmetric organocatalysis.
9.	Maximum Age	35 Years
10.	Job Description	Research work on developing new asymmetric methodology utilizing Nitrogen YLides.
11.	Brief description of Project	The project aims to develop new and unified asymmetric processes utilizing nitrogen ylides to access biologically relevant heterocyclic scaffolds, such as dihydrobezofurans, dihydroindoles, and tetra/ dihydrofurans. The potential of supported immobilized organocatalysts for the execution of multiple transformations involving the formation of multiple C-C and/or C-X bonds in one-pot will be explored. Towards this goal, the advantages of bifunctional reactivities of nitrogen ylide as potential synthon will be taken.

The candidates possessing the requisite qualification and experience should apply through the ONLINE process up to **28 January 2021**. The candidates are advised to send a soft copy of the application with all relevant documents to recruitment_rnd@iitj.ac.in (Please mention the advertisement number in the subject line of the email). No need to send a hard copy.

General Instructions to Applicant(s)

1.	The post(s) is purely temporary and contractual for a period of 01 Year, and extension based on satisfactory performance, but co-terminus with the duration of the project
2.	Application which is incomplete, not in prescribed format, without photograph or unsigned will be summarily rejected.
3.	Certificate in support of experience should be in proper format i.e. it should be on the organizations letter head, bear the date of issue, specific period of work, name and designation of the issuing authority along with his signature.
4.	The Institute reserves the right to: (a) conduct written/trade tests for such posts wherever if the circumstances so warrant (b) not filling any of the advertised positions (c) fill consequential vacancies arising at the time of interview from available candidates. The number of positions is thus open to change.
5.	The Institute shall verify the antecedents or documents submitted by a candidate at the time of appointment or during the tenure of the service. In case, it is detected that the documents submitted by the candidates are fake or the candidate has a clandestine antecedents/background and has suppressed the said information, then his/her services shall be terminated.
6.	No TA/DA shall be paid to the candidates for attending the interview.
7.	No correspondence will be entertained from candidates regarding interview and reasons for not being called for interview.
8.	Canvassing in any form will be a disqualification.
9.	No interim correspondence will be entertained.
10.	No need to send hard copy.

Officer In-charge
Research & Development