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लखनऊ विश्वविद्यालय
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University of Lucknow
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Lucknow-226007 (U.P.) India

Call for the Position of Project Associate-I (PA-I)

Applications on plain paper along with bio-data are invited for the post of Project Associate-I (PA-I) under SERB funded project (SUR/2022/002726). The project work is to be undertaken broadly in the area of Organic Chemistry.

Project Title: Mechanochemical Synthesis of Fixed Dose Combinations (FDCs) to Overcome Acquired Resistant Against Monotherapy of Cancer Disease.

Funding Agency: Science and Engineering Research Board (SERB), Government of India.

Project Duration: Three years (The selected candidate may get the opportunity to enroll in the Ph. D. program as per the University norms)

Principal Investigator (PI): Dr. Sunil Kumar Rai, Department of Chemistry.

Scope of Work: Preparation of multi-component salts/cocrystals of active pharmaceutical ingredients using the crystal engineering approach. Characterization of multicomponent salts/cocrystals using XRD and thermal analysis. Study the solubility and dissolution profile of prepared material. Analyse the biological data for fixed-dose combination (FDC) development.

Essential Qualification: M.Sc. in Chemistry with minimum 55% marks. The maximum age limit for PA-I is 28 years as on the last date of advertisement, with relaxation for reserved category candidates as per rules.

Desirable Qualification: Candidates with NET or equivalent qualifications and industrial experience or experience in crystal engineering of organic/inorganic compounds will get weightage.

Fellowship: Rs. 29,000 /- P.M. (including HRA).

How to Apply: Application with proof of details of qualifications, age, corresponding address, along with valid email ID, WhatsApp number *etc.* should be send on the email: rai_sunil@lkouniv.ac.in within 21 days from the date of advertisement. ***The shortlisted candidates for the interview will be informed through email/WhatsApp/ Telephone. No TA/DA will be given for the interview.***

Note: The position is purely temporary and co-terminus with the project.

Sunil Kumar Rai
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23-11-2023