



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Kandi, Sanga Reddy (Dist.) Telangana (State)- 502 284

Advertisement for the post of Research Associate-II under an ANRF project

Advt. Date: 8th July 2026

Title of the Project	Structural basis for the mechano-induced surface charges on pharmaceutical crystals: Implications to dry powder inhalers
PI	Prof. C. Malla Reddy
Department	Department of Chemistry
Post	Research Associate-II
Funding Agency	ANRF
Fellowship	₹ 61,000 + 30% HRA
Duration	12 months, extendable based on performance, for two more years
Last Date to Apply	26 th July 2026
Minimum Qualifications	(a) Ph. D. in Pharmaceutical Sciences with specialization in Pharmaceutics; OR (b) Ph.D. in Crystal Engineering with solid-state pharmaceutical chemistry; With more than 1 year of postdoctoral or industry experience in the above fields (a) or (b).
Age Limit	Not more than 35 years, relaxed by up to 5 years for SC/ST/PH/Women and 3 years for OBC
Desirable Qualifications & Work Experience	<ul style="list-style-type: none">○ Physicochemical properties, including solubility, dissolution, stability, powder technologies and excipient compatibility.○ Design and development of robust solid oral dosage forms, including tablets, inhalers, capsules.○ Complex bioavailability and stability issues inherent to challenging APIs.○ Experience with conventional and unconventional crystallization methods for solid-form screening (polymorphs, salts, cocrystals, amorphous and amorphous solid dispersions).○ Sound understanding, interpretation skills on solid state APIs○ Hands-on experience on SC-XRD, PXRD, DSC, TGA, Solid-state NMR, FT-IR, RAMAN, DVS and PLM/HSM.

Application Process:

Eligible applicants should send the following:

1. Latest CV, including the names and contact details of at least two referees.
2. Ph.D. thesis abstract along with two best publications.

Kindly submit your application form here [Link](#).

Selection Process:

- The PI will evaluate and shortlist the applications.
- Shortlisted candidates will be called for an online interview. Shortlisted candidates will be informed by email about the interview date and time, three days in advance.
- Candidates with prior relevant experience will be given preference.
- The selection committee will recommend the final candidate based on eligibility and suitability for the advertised position. Joining will be immediate after selection.
- The position will be kept open if no suitable candidate is found.

Dr. C Malla Reddy,
Professor,
Department of Chemistry
IIT Hyderabad