



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

## Advertisement for a PhD position in the Department of Chemistry, IIT Hyderabad

Applications are invited from bright and eligible candidates for a fully funded PhD position to work on a collaborative research project funded by Granules India in the Department of Chemistry, IIT Hyderabad.

**Project details:** The candidate will work on a project related to the application of **machine learning (ML)** in the area of **Crystal Engineering**. The project title is “**Prediction of cocrystal formation of active pharmaceutical ingredient (API): Implementation of AI and machine learning using the knowledge of crystal engineering**”

**Duration of appointment:** The position is initially for three years (2 years JRF + 1 year SRF). Can be extended for another year.

**Eligibility:** Candidates with an **M.Sc. or equivalent degree** from reputed institutions/universities and **GATE/NET or equivalent examination qualified** can apply for the PhD position. Expertise in **pharmaceutical chemistry, molecular dynamics, computer programming** is preferred.

**Fellowship and allowances:** **37000 INR per month + HRA for JRF and 42000 INR per month + HRA for SRF**. Accommodation inside the IITH campus is subject to availability. If campus accommodation is available, HRA will not be provided.

**How to apply:** Eligible candidates may send his/her **updated CV** (corresponding address, DOB, phone no., e-mail, educational qualifications, experiences, list of publications, if any, etc.) to **Prof. C Malla Reddy (Email: [cmreddy@chy.iith.ac.in](mailto:cmreddy@chy.iith.ac.in))** and **Dr. Debasish Koner (Email: [debasishkoner@chy.iith.ac.in](mailto:debasishkoner@chy.iith.ac.in))** **on or before 28<sup>th</sup> July 2025 (5 PM IST)**. Shortlisted candidates will be invited for an online interview. The interview date and other details will be emailed to the shortlisted candidates.