

Research associate in chemistry at IIT Gandhinagar

One Research Associate position is immediately available at the Indian Institute of Technology Gandhinagar (IITGn) on a project funded by the Central Ayurvedic Research Institute (CARI), Ministry of Ayush. The project primarily involves identifying and characterizing natural products in specific Ayurvedic drugs (eg. Rasayanavati), followed by their aggregation studies and efficacy of the compounds in cells. The experiments will collaborate with the theory (Dr. Sairam Mallajosyula) performed by other students.

We seek candidates with natural product structure determination and/or synthetic organic chemistry expertise. Successful applicants will contribute to manuscript writing and the training/mentoring of both graduate and undergraduate students.

Responsibilities will encompass wet lab tasks, particularly natural product isolation and structure identification, and training and mentoring students at different academic levels.

Remuneration: Rs. **58000** + HRA (as per the institute rules)

Minimum Eligibility Criteria:

PhD (& the candidates who have submitted thesis) in chemistry and allied areas with experience in spectroscopic characterization techniques. 1st Class in Bachelors and Master's degree is preferred

Interested candidates may submit their application electronically <https://forms.gle/A2hzTBZoqYXHNW3cA> with your curriculum vitae including at least two references, the best publications, and a summary of your doctoral research for consideration. Shortlisted candidates shall be intimated and asked to give a technical presentation of their PhD research work.

The dates of the interview shall be intimated only to the shortlisted candidates. Selected candidates must be willing to join immediately.

Last date of receipt of applications: 8th March 2024

Tentative interview dates: 11-13th March 2024

Duration: Initially for one year (and extendable to another year)