



Indian Institute of Technology Gandhinagar

Advertisement for Junior Research Fellow in the area of *condensed aerosols*

IIT Gandhinagar invites applications for **1** research and development position at the junior research fellow (JRF) level in the area of condensed aerosols. The work involves generation and characterization of aerosols for effective fire extinguishing.

Eligibility Criteria:

- BTech degree + valid GATE /M.Tech degree in Chemical Engineering / Mechanical Engineering or equivalent from reputed institute
- Strong motivation to take-up research ventures in the field of aerosols

Required background/skills:

- Background in experimental research with nano-particle /aerosol synthesis and its characterization
- Background with the aerosol dynamics, heat transfer, thermodynamics, solids decomposition

Preferred background/skills:

- Familiarity with aerosol and fire dynamics

Compensation and term of position:

Compensation will be 25,000/- per month (consolidated salary). Initial appointment will be for 1 year with the possibility of renewal for the 2nd year depending on performance.

How to apply:

Those interested are requested to download the application package from <http://www.iitgn.ac.in/job.htm> , e-mail a **single zipped file** containing (1) Curriculum vitae highlighting education and expertise, (2)List of referees and their contact details, (3) one page statement of purpose. The candidate with product development experience will be preferred. Please apply and send your application to chinmayg@iitgn.ac.in.

Please note that your **single zipped file** should be named as <your last name>_jrf_iitgn.zip and the subject line of the email should be "UAY-JRF-IITGN". Candidates shortlisted for the interview will be informed and they are to submit the hardcopies of all these documents, if they are selected. Incomplete application forms i.e. resumes only without the above mentioned documents will be rejected.

Deadline: The last date for application is September 25, 2017

For any queries regarding the research area, please feel free to contact Prof. Chinmay Ghoroi at chinmayg@iitgn.ac.in.