



Indian Institute of Technology Gandhinagar

Advertisement for Junior Research Fellow (Position 3) in the area of *Condensed aerosols for next-generation fire extinguishers*

IIT Gandhinagar invites applications for **1** research and development position at the junior research fellow (JRF) level in the area of “Condensed aerosols for next generation fire extinguishers”. 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
- Back ground 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 up to two more years 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 expertise, (2)List of referees and their contact details and (3) a 1 page statement of purpose outlining the skill sets which you will bring and apply in the research area to chinmayg@iitgn.ac.in.

Please note that your **single zipped file** should be named as **<your last name>_jrf3_iitgn.zip** and the **subject line of the email should be “UAY-JRF3-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 application form and applications without statement of purpose will be ignored.

Deadline: The last date for application is **September 7, 2016**.

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