

Ph.D positions in Atmospheric Sciences/Air Quality Management in the Department of Earth and Environmental Sciences.

Earth and Environmental Sciences Department at IISER Bhopal seeks applicants for the Ph.D programme. Applicants should have a Masters Degree (or equivalent) with a strong background in Mathematics and Physics/Chemistry or a related engineering discipline with a minimum of 55% marks in their qualifying exam and a valid GATE/UGC/CSIR/JEST/score. Familiarity with FORTRAN/C+ or other computer programming languages are desirable. The applicant must also have an aptitude for atmospheric sciences/air quality management and be willing to participate in field campaigns (which may involve some travel).

Doctoral students will be involved in research that focuses on investigating source-receptor relationships for airborne pollutants using advanced factor analyses and air parcel back-trajectory ensemble techniques. The student might also be expected to participate in research aimed at chemical characterization of organics in ambient particles, understanding the atmospheric transformations of organics, and finding how exposure to specific species affect human health.

Applications will be considered until all positions are filled. Interested candidates are requested to contact Dr. Ramya Sunder Raman at ramyasr@iiserbhopal.ac.in

For additional information, please visit IISER Bhopal website at <http://iiserbhopal.ac.in/ramya.htm>