Ph.D. Positions

OPEN!

GMA

Applications are invited from highly motivated and team-oriented candidates for PhD for the academic semester commencing from August 2026 at the Greenhouse gas Modeling and Applications (GMA) group, Department of Earth and Environmental Sciences (EES), IISER Bhopal.

The GMA group's research involves implementing atmospheric greenhouse gas modelling techniques for climate change and carbon cycle studies. The key research areas include atmospheric Greenhouse gas (GHG) modelling, Terrestrial ecosystem modelling, Satellite remote sensing of greenhouse gases, Agricultural GHG emission quantification and Remote sensing, and Weather Forecast error analysis. Interested candidates are recommended to visit the following website: https://home.iiserb.ac.in/~dhanya/

Number of positions: 4

Essentials:

1. Master's (M.Sc.)/M.Tech or integrated master Degrees in any of the disciplines of Geophysics/Atmospheric Science/ Oceanography/Geoinformatics/Remote Sensing/ Chemistry/Mathematics/Physics with a minimum of 60% marks or CGPA/CPI of 7.0 on a 10-point scale (overall percentage/CGPA/CPI; not only in majoring subject). Exceptionally brilliant students with B.Tech. in Chemical, Computer, Civil, Electronic and Communication, and Environmental Engineering, with a strong motivation towards Earth and Environmental Sciences, may also apply for the Ph.D. programme. The candidate should have a CSIR-JRF/UGC-JRF Fellowship, NET-LS, or valid GATE score.
2. B.Tech. from IITs or BS-MS from IISERs with CGPA/CPI over 8.0 on a 10-point scale.
3. For more details, please visit: https://www.iiserb.ac.in/doaa/admission#phd

Desirables:

1. Experience with programming languages such as FORTRAN, C/C++, Matlab, Python, R, NCL, etc, and Shell scripting.
2. Ability to handle large data volumes and conversant with formats like NetCDF, HDF, GRIB, etc.
3. Working experience in LINUX/UNIX environment.

If you are interested

Scan and fill out the form before 13 April 2026.

For any enquiry: admission.eesphd@iiserb.ac.in

Please visit: https://www.iiserb.ac.in/doaa/admission#phd for departmental specific requirements & research areas.