



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान भोपाल

Indian Institute of Science Education and Research Bhopal

Department of Earth and Environmental Sciences

Bhopal Bypass Road, Bhauri, Bhopal - 462066

Date:29/06/2026

Advertisement for WALK-IN interview for Ph.D. Admission (AY 2026-27, Sem-I)

The Department invites a walk-in interview of eligible candidates for Ph.D. admission in Earth and Environmental Sciences at IISER Bhopal for AY-2026-27, Semester-I. The interview will be held as per the given schedule

- Date of Interview: 10th July 2026, Friday (*if number of candidates spills over the interview will continue to next day*)
- Reporting Time: 08:00 AM
- Venue: EES Boardroom-102, Academic Building-2 (AB-2)
- Mode of Interview: Walk-In (Offline)

❖ **Application Link:** <https://phdadmission.iiserb.ac.in/>

❖ The Department of Earth and Environmental Sciences offers (<https://ees.iiserb.ac.in/research>)

research in the area of :

Atmosphere and Climate Studies

- Atmospheric aerosols: Measurements and physico-chemical characterization, Source Apportionment by receptor and hybrid models, Approaches for coupling in-situ and satellite-derived aerosol products, and Assessment of climate and health effects.
- Climate Extremes, regional earth system modelling to address climate variability and change, Himalayan glacier modelling for mass-balance and area change study, AI/ML- based modelling of climate processes.
- Carbon Cycle and Climate: Atmospheric greenhouse gas (GHG) modelling, Terrestrial ecosystem modelling, Satellite remote sensing of greenhouse gases, Agricultural GHG emissions and remote sensing, Weather Forecast error analysis.
- Indian monsoon variability and modeling, land-atmosphere coupling processes, impact of land use/land cover changes on precipitation variability and extremes, Climate variability and teleconnections.

Earth Surface Processes

- Sedimentary processes and sediment provenance analysis. Basin evolution and classification. Palaeogeography and palaeoenvironment.
- Fluvial geomorphology, eco-geomorphology, the impact of climate change on rivers, microwave remote sensing, surface and groundwater interaction, machine learning application in earth surface processes and hydrology.
- Impact of Climate Change in Hydrology, Floods and Droughts, Analysis of Weather Forecasts, River Engineering.
- Using Numerical Weather Prediction model and Hydrological models to produce Streamflow/flood forecasting in Indian River basins, Vulnerability, and impact-based forecasting for urban floods.

- Chemical oceanography & limnology, aqueous biogeochemistry, submarine groundwater discharge and seawater intrusion, paleo-reconstruction of environmental & hydro- climatic conditions, and provenance tracing of sediments, atmospheric dust, and pollutants using elemental/isotope tracers.
- Environmental Geochemistry - characterization of geochemical processes that regulate contaminant and nutrient mobilization and transport at the water-soil/sediment-plant interface. Specific area of interest: Aqueous geochemistry; Soil geochemistry; Wetland geochemistry; Hydrogeochemistry of groundwater contamination and development of mitigation measures; Geochemistry of mine waste rock (Mine closure geochemistry); Geochemistry of emerging contaminants.
- Tectonic-Geomorphology, Neotectonics and Coupled Climate-tectonic interaction and Landscape evolution in Fold-Thrust belt setting.

Solid Earth

- Active Tectonics, Petroleum Geology, Geodynamics, Structural Geology.
- Thermodynamics of REE-phosphate and REE-carbonates and its extraction mechanism, Archaean Tectonics, Petrology-Geochronology, Metallogeny and Precambrian crustal evolution of Indian Peninsula
- Isotope geochemistry and geochronology in studies of crust-mantle evolution and petrogenesis, with focus on mantle dynamics; REE-mineral studies in carbonatite and alkaline complexes; Paleo-environmental reconstruction of sedimentary/meta-sedimentary groups.
- Seismology, Seismic anisotropy, Attenuation tomography, Lithospheric structure, Deformation and rheology of the crust and upper mantle, Upper mantle discontinuities mapping.
- Active Tectonics, Carbon Capture and Storage (CCS), Petroleum Geology, Geodynamics and Structural Geology.
- Structural Geology, Fault/shear zone architecture and kinematics associated with major faults, Lateral Variation in Himalayan Deformation
- Sedimentary basin analysis.

For details, the prospective applicants are required to visit weblink: <https://ees.iiserb.ac.in/research>

Eligibility Criteria: (Refer Link: <https://www.iiserb.ac.in/doaa/admission#phd>)

Minimum Qualification:

1. Master's (M.Sc.)/M.Tech or B.Tech-M.Tech integrated Degrees in any of the disciplines of Earth Science/Geology/Geophysics/Atmospheric Science/ Oceanography/Geoinformatics/Remote Sensing/ Chemistry/Mathematics/Physics/Chemical, Environmental, Computer, Electronic and Communication, Wireless Communication and Networking, and Civil Engineering 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**).
2. Exceptionally brilliant students with B.Tech. In Chemical, Computer, Civil, Electronic and Communication, and Environmental Engineering with strong motivation towards Earth and Environmental Sciences, can also apply for PhD programme.
3. For students with Master's (M.Sc.) degree in **Geology/ Earth Science/Environmental Sciences, Chemistry, Physics or Mathematics** as a subject of study at B.Sc. level is preferable.

Meeting minimum eligibility criteria will be assessed as follows: If the transcript/grade sheet issued by the Institute/University reports:

- A. Only marks, percentage will be considered.
- B. Only grades, CGPA/CPI will be considered. If CGPA/CPI is reported on any scale other than 10 (eg. 4 point/ 8-point scale), an equivalent CGPA/CPI will be calculated as per the following

formula: CGPA/CPI in a 10-point scale = (CGPA/CPI Obtained×10)/PS = Point scale used by the Institute/University.

C. Both marks and CGPA/CPI

- (I) Percentage equivalent of CGPA/CPI, as indicated on the transcript/grade sheet, will be considered, if absolute grading was followed.
- (II) CGPA/CPI ONLY will be considered, if relative grading was followed.

- 4. In addition to minimum qualification, for all candidates, a national level examination like National Eligibility Test (NET)/CSIR-JRF/UGC-JRF/INSPIRE-PhD/GATE/NET-LS/PhD Only, Rajiv Gandhi Fellowship or any other recognized score is mandatory. The certificate/fellowship MUST be valid at the time of admission.
- 5. Candidates having a M.Tech./M.E. degree from India must have qualified the GATE exam at the time of admission to the M.Tech./M.E. programme. National Level examination is exempt for those with B.Tech. from IITs or BS-MS from IISERs with CGPA/CPI more than 8.0 on a 10-point scale.

Students whose results for CSIR-JRF or UGC-JRF Fellowship or NET-LS or PhD Only or Rajiv Gandhi Fellowship or INSPIRE-PhD or any other equivalent fellowship are awaited may also apply with their roll number(s) mentioned in the application. Such candidates may walk-in for the interview provided they have qualified examination for any of the above fellowship before the interview date.

A relaxation of 10% of marks, or an equivalent relaxation of grade, will be allowed for candidates belonging to SC/ST/PWD categories and 5% to OBC-NCL/EWS.

Merely fulfilling the eligibility criterion does not entitle a candidate to be called for the interview.

Please Note:

- Application will be done through the online portal only
- All communication with candidates will be by **e-mail only**. (**admission.eesphd@iiserb.ac.in**)
- Kindly check the Institute website for periodic updates.
- In case of any application-related queries, your application details must be mentioned in the subject line.
- Candidates who are appearing or/are about to appear for final examinations of the qualifying degree programme are eligible to apply for PhD programme. However, if selected, admission to the PhD programme would be conditional upon their completing the qualifying degree with the defined marks criteria,

Before joining the Institute.

- Selection will be based on interviews.
- Candidates belonging to reserved category will have to submit relevant certificates if selected.
- Applying does not automatically guarantee that a candidate will be shortlisted for interview. The respective departments may use additional criteria (based on academic performance and/or performance in the national level tests) in order to shortlist candidates for interviews depending on the number of applications received.

The detailed information is also available at: <https://www.iiserb.ac.in/doaa/admission>

Age Limit

Preferably not more than 28 years. Age relaxation of 3 years will be given for OBC (Non-Creamy Layer) and 5 years for SC/ST/PD/Female applicants.

The upper age limit shall be determined as on last date of online submission of applications. Date of Birth as recorded in the Matriculation/ Secondary Examination Certificate/Aadhar Card only will be accepted by the IISER Bhopal for determining the age.

Selection Procedure:

Candidates who meet the minimum eligibility criteria are invited to participate in a walk-in interview. The selection process will involve interviews conducted by an expert committee of the corresponding domain.

CONTACT INFORMATION:

- **Department of Earth and Environmental Sciences**

Prof. Jyotirmoy Mallik

Convener, Departmental Post-Graduate Committee

E-mail: admission.eesphd@iiserb.ac.in

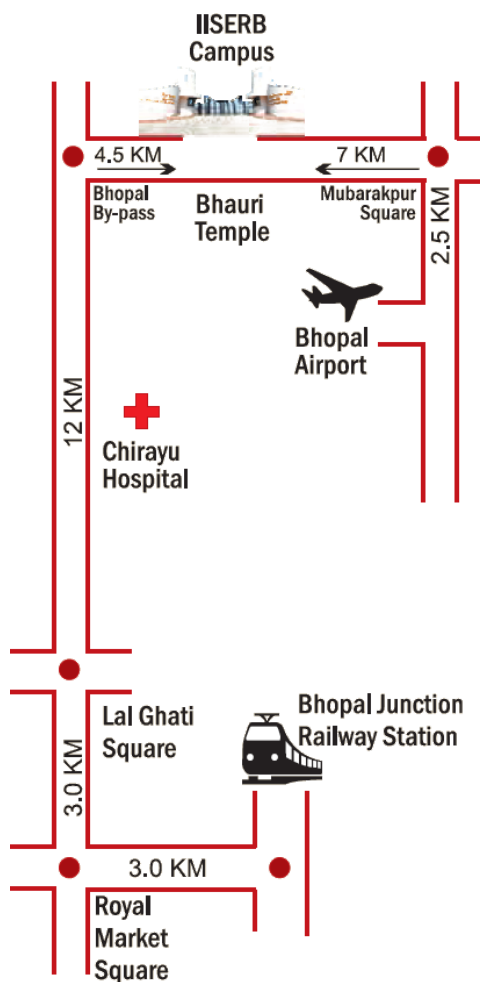
Queries will be entertained in the above-mentioned e-mail only.

Address and Route Map to IISER Bhopal:

Indian Institute of Science Education and Research (IISER) Bhopal
Bhopal Bypass Road
Bhauri, Bhopal - 462
066 Madhya Pradesh

Location: <https://goo.gl/maps/ywMpdZWHE3mRXPxD8>

<https://goo.gl/maps/ywMpdZWHE3mRXPxD8>



Document Should be carried original and Printed (Self-Attested) Photocopy to appear the interview

Department of Earth and Environmental Sciences
Ph.D. Admission 2026-27-I Semester (Walk-In Interview) Checklist

Date:

Name of the Candidate:..... Application No.

Checklist for documents, required (Self-Attested photocopies and originals) at the time of the interview:

S. No.	Required Documents (Original and Xerox)	Yes	No
1	Printed filled up Application form affixed with the self-attested recent colour passport-size photograph		
2	Date of Birth (DOB) certificate or high school (Class X) certificate showing DOB		
3	SC/ST/OBC certificate, if applicable		
4	Certificate of physical disability, if applicable, with type and percentage of disability		
5	Copies of mark/grade sheets (for all semesters/years)		
	a.		
	b.		
	c.		
	d.		
6	e.		
	Copies of certificate of score card/ National level qualifying/scholarship examination, if applicable		
	a. UGC/CSIR JRF (Externally Funded)		
	b. NET-LS/PhD Only		
	c. GATE		
	d. Rajiv Gandhi National Fellowship for SC/ST (Externally Funded)		
	e. Inspire (Externally Funded)		
	f. Other (Please Mention)		
7	No objection/ relieving certificate from current employer (only for employed candidates)		
8	Copy of a Photo-Id (e.g. Driving License, Aadhar Card, Voter-ID & PAN Card)		
9	Statement of Purpose (A one-page Statement of Purpose must be submitted.)		

Signature:

Place:

Signature of The Dealing Assistant
(for office use)