



Indian Institute of Technology Indore
Khandwa Road Simrol, Indore- 453 552,
Madhya Pradesh, India

MEHTA FAMILY SCHOOL OF SUSTAINABILITY
PHD ADMISSION – OCTOBER 2026-27

Application Deadline
16th October 2026

Applications are invited from highly motivated students for admission to the PhD program

Faculty members and Research Area

Environmental Economics



Prof. Pritee Sharma, Head of MFSS

Environmental Economics (Economics of Land, Water, and Forests); Climate Change and Agricultural Productivity, Resilience of Urban and Rural Poors



Dr. Mohanasundari Thangavel

Agricultural Economics, Natural Resource and Environmental Economics, Climate Change Economics



Prof. Manish Kumar Goyal

Water, Climate, Big Data, Remote Sensing, AI, Modelling, Smart Cities



Dr. Pankaj Dey

Applied Statistics in Hydrology, Stochastic Modeling of Floods and Droughts. Deep Learning in Hydrologic Simulation

Energy System



Dr. Abhishek Aggarwal, CMES Lab

Computational Materials Science, Molecular Modeling, Energy Storage Systems, Energy Conversion, Carbon Capture, Water Desalination, ML/AI



Dr. Sachin Kumar

Plasma processing, material processing, nano material synthesis, electrification of chemical processes, CO₂/CH₄ conversion, waste-to-valuable products, sustainable semiconductor manufacturing

Water and Climate Studies



Prof. Kiran Bala

Algal biotechnology, Wastewater treatment, Bioremediation, Biorefinery approach, Carbon dioxide sequestration, Biofuels and bioplastics, LCA/EIA.



Dr. Saurabh Das

Radiowave propagation, satellite systems, microwave sensing, radar meteorology, space weather, climate-rainfall, ML & data science

Important dates

Last Date of Application: October 16th 2026

Written exam & Interview: November 2nd 2026

For more information about the programme and the eligibility criteria please visit: https://www.iiti.ac.in/admissions/phd_info/engineering



For any queries write to Administrative Officer, Mehta Family School of Sustainability. Email : mfssoffice@iiti.ac.in

Admission Categories and Minimum Eligibility Qualifications (MEQs) for Ph.D. Admission

Categories of Admission:

- (a) **Indian Students:** (i)FA (Fellowship Awardee): Fellowship Awardees from the funding agencies such as CSIR, UGC, NBHM, DST etc. The scholarship will be as per the rules of the concerned funding agency. (ii)FAP (Fellowship Awardee, funded from Research Project): JRF/ SRF project staff working in a sponsored research project under a faculty member, PI of the project, of IIT Indore. (iii)FAR (Fellowship Awardee, funded from Research Development fund). (iv)TA (Teaching Assistantship): Institute Teaching Assistantship with scholarship as per MoE guidelines/ Valid CSIR-NET/UGC NET Category-3 for Admission to PhD in Teaching Assistantship (TA). (v) SW (Sponsored WITHOUT Institute scholarship): For applicants sponsored from a highly reputed R & D organization or Industry. [After completion of required course work, either on Full Time (SWF) or Part Time (SWP) basis, with approval of the competent authority with additional Rules]. (vi) IS (Institute Staff): Only for regular staff members of IIT Indore (on Part Time basis with additional Rules). (vii) DF (Defense Forces): Serving personnel of defense forces WITHOUT any scholarship from the Institute with additional Rules.
- (b) **International Students:** (i) International self-financed (ISF) students; (ii) International students sponsored by non-government organizations or by a reputed industry (ISW); (iii) International students sponsored by foreign government or its organizations or through mutual collaborative programs of India with other countries (GSW)

Detailed MEQs for Interdisciplinary areas:

- (a) International Students: Valid and relevant TOEFL or IELTS is essential with GRE
- (b) Indian Students: Candidates who have secured UGC or CSIR -JRF will register as Fellowship Awardee(FA) Candidates.

Educational Qualifications:

i. Qualifying Degree:

- Master's degree (MTech. /M.E./MS) in disciplines of Civil Engineering, Environmental Science and Engineering, Climate Science and Engineering, Earth Sciences and Engineering, Land and Water Resource Engineering, Geoinformatics, Resource Engineering, Water Resource Engineering, Energy Engineering, Agricultural Engineering, Hydrology, Computer Science and Engineering, Nano Science and Technology, Electrical Engineering, Mechanical Engineering, Chemical Engineering, Metallurgical Engineering, Material Science and Engineering, Industrial Engineering, Remote Sensing and GIS, Space Science and Engineering with first division in qualifying degree*

OR

- Master's Degree (M.Sc.) in Climate Science, Environmental Science, Earth Sciences, Atmospheric Science, Physics, Chemistry, Mathematics, Computer Science, Space Science, Nano Science, Statistics, Economics, Agriculture, Material Science, Life Sciences, Geoinformatics, Actuarial Science with first division in qualifying degree*

OR

- Master's Degree (MA/LLM/MBA) Geography, Economics, Statistics, Sociology, Law, Political Science, Public Policy, with first division in qualifying degree*

OR

- Candidates with B.Tech./B.E. in Civil Engineering, Environmental Science and Engineering, Climate Science and Engineering, Earth Sciences and Engineering, Land and Water Resource Engineering, Geoinformatics, Resource Engineering, Water Resource Engineering, Energy Engineering, Agricultural Engineering, Hydrology, Computer Science and Engineering, Nano Science and Technology, Electrical Engineering, Mechanical Engineering, Chemical Engineering, Metallurgical Engineering, Material Science and Engineering, Industrial Engineering, Remote Sensing and GIS, Space Science and Engineering with first division in qualifying degree* with valid GATE score.



Admission Categories and Minimum Eligibility Qualifications (MEQs) for Ph.D. Admission

AND

Qualifying Examination:

For Fellowship Awardee (FA) category:

Candidates who have secured UGC-CSIR-JRF or DST-INSPIRE Fellowship or equivalent fellowship will register as Fellowship Awardee (FA) Candidates.

For SW/ DF/ CT/ IS category please refer to Institute guidelines at academic.iiti.ac.in.

For Teaching Assistantship (TA) category:

- Candidates with M.Tech./ ME qualification are required to have GATE/ CSIR-UGC-NETLS/ valid CSIR-UGC-NET-PhD-only qualification specifically in the subject area in which the candidate plans to pursue their PhD Program.
- Candidates with M.Sc./ B.Tech./ BE/ LLM/ MBA qualification are required to have valid GATE/ CSIR-UGC-NET-LS/ valid CSIR-UGC-NET-PhD-only qualification specifically in the subject area in which the candidate plans to pursue their PhD Program.
- Candidates with M.Sc./ B.Tech. qualification from IITs with CPI 8.50 or above on scale of 10.00 are exempted from GATE/ CSIR-UGC-NET-LS/ CSIR-UGC-NET-PhD-only qualification.

*The definition of first division in qualifying degree as per IIT Indore's rules is as follows: For UR/EWS/OBC(NC) category

- A minimum of 60% marks in aggregate, OR
- A First class as specified by the university, OR
- A minimum Cumulative Grade Point Average (CGPA) / Cumulative Performance Index (CPI) of 6.0 on a scale of 0 – 10, OR
- An equivalent to 6.0 CGPA/ CPI on other corresponding proportional requirements when the scales are other than 0 – 10.

For SC/ST/PwD category

- A minimum of 55% marks in aggregate, OR
- A First class as specified by the university, OR
- A minimum Cumulative Grade Point Average (CGPA) / Cumulative Performance Index (CPI) of 5.5 on a scale of 0 – 10, OR
- An equivalent to 5.5 CGPA/ CPI on other corresponding proportional requirements when the scales are other than 0 – 10.

Guidelines

- You MUST select an appropriate research area within the discipline you are applying to.
- The selection process will be followed by a written exam and/or an interview. Applicants must write a Statement of Purpose outlining their motivation for pursuing doctoral research at IITI and their scholarly interests.
- The School conducts a rigorous evaluation process and reserves the right to call a limited number of candidates for the written exam and/or an interview.
- You MUST bring all necessary documents for verification on the date of the written exam and/or an interview.

Note:

No TA/DA will be provided to the applicants if called for the written test and (or) interview

Please send the recommendation letter directly to : mfssoffice@iiti.ac.in

