



Indian Institute of Technology Indore

Ph.D. Admission

At



Centre for Rural Development and Technology (CRDT)

<https://www.iiti.ac.in/>

<https://crdt.iiti.ac.in/>

ONLINE APPLICATION STARTS ON: April 25, 2024

About the Centre

Centre for Rural Development and Technology (CRDT) hosted at IIT Indore, is a nodal hub for researchers, volunteers, practitioners, educators to collaborate and facilitate rural empowerment and progress solutions. The team strives to facilitate empowerment to rural population to improve their living conditions by development and application of appropriate and people friendly technologies adopting participatory, sustainable, democratic, transparent and gender sensitive processes. The CRDT is committed to come up as a platform for applied research, device development, skill & manpower development in the nationally important area of rural development.

Categories of Admission

Indian Students:

- FA (Fellowship Awardee)
- SW (Sponsored without Institute scholarship)
- IS (Institute Staff)
- DF (Defense Forces)
- CT (College Teacher).

International Students:

- ISF: International Self financing
- ISW: International Sponsored by Industry or NGO
- GSW: International sponsored by Govt. organization (ICCR/Foreign Govt. Scholarship)

For more details about the categories, please visit

<http://academic.iiti.ac.in/phdadvt.php>.

Eligibility

Minimum Educational Qualification and Qualifying Examination

Masters' degree in Science or Engineering or Humanities and/or Social Sciences (Mechanical/ Metallurgical/ Electronics / Electrical / Physics / Engineering Physics/ Mathematics / Statistics/ Microelectronics / Instrumentation / VLSI Design / Embedded System / Optoelectronics /Materials Science and Engineering / Nanotechnology / Energy Science and Engineering / Laser Technology / Tele Communication / Chemistry/ Mechatronics / Microwave Engineering / Biotechnology / Biological Sciences / Structural Engineering / Construction Management / Economics / Agricultural Economics / Political Science / Development Economics / Forest Economics / Environmental Science / Geography / Instrumentation and Controls / Environmental geotechnics / Space Engineering/ Geotechnical engineering / Engineering (Any Stream) (with first division as defined by the awarding Institute/ University)

Research Areas

The Center offers the following areas of research for PhD admission:

- Agricultural and Environmental Economics, Sustainability Studies, Impacts of Climate Change, Food Security, Water Energy Food Nexus.
- Application of Artificial Intelligence Techniques in Agriculture problems.
- Building Products for Rural Areas.
- Development and evaluation of sustainable materials for soil stabilization in rural infrastructure.
- Disaster risk reduction in rural areas.
- Early disease detection in crops for sustainable eco-system.
- Evaluation of the socio-economic impact of rural infrastructure development on local communities.
- Food and bioprocessing equipment design and scaleup.
- Integration of traditional knowledge and practices with modern technologies for sustainable rural development.
- Natural Resource and Environmental Economics, Climate change impact on Agriculture, Tribal Studies, Policy Analysis, Rural Development.
- Noise, Vibration, and Harshness in Agriculture Machinery and Automobiles.
- Nutrient-energy-water nexus
- Optimization of construction techniques and materials for cost-effective and sustainable rural housing.
- Resilience of Agro-ecological Systems
- Sensors for agriculture
- Sustainable Construction
- Sustainable rural healthcare
- Sustainable Techniques to Food Storage
- VLSI Circuit and System Design

For more information, please visit [faculty profiles](#).

Application Procedure

1. A candidate must apply ONLINE through the website (<https://pgad.iiti.ac.in/>). This will generate a unique application number for each applicant.
2. Application Fee: The details are available at <https://academic.iiti.ac.in/phdadvt.php>.
3. A shortlisted candidate must arrange recommendation letters from at least two referees with whom he/she has had academic interactions at least for a year

❖ Deadline for online form submission:

May 30, 2024

❖ Deadline for receiving recommendation

letters: May 30, 2024

❖ Tentative date of written & interview

(in-person): June 07, 2024

Address for Correspondence

Centre for Rural Development and Technology (CRDT), IIT Indore
Khandwa Road, Simrol, Indore
453552, M.P., India
Phone No: +91 731 660 3203
Email: <https://crdt.iiti.ac.in/>

Important Information

1. All eligible candidates, fulfilling the minimum eligibility criteria, must apply ONLINE through the website (<https://pgad.iiti.ac.in/>).
2. After applying online, the applicants should take a printout of the application form and sign the same. The scanned copy of the duly signed application form, along with the following documents, should be sent by email to: crdt-office@iiti.ac.in latest by **May 30, 2024**.
 - A. Self-attested photocopies of all relevant supporting documents such as degree certificates, mark sheets, date of birth certificate, etc., from Xth class onwards. Candidates may also attach attested photocopies of any other testimonials, documents, or certificates that they wish to present before the selection committee.
 - B. Soft copy of the passport-size photograph.
 - C. Receipt of fee (Rs.100/-) paid through SBI I-collect.
 - D. Candidates should arrange for two referees to send the reference letter directly to crdt-office@iiti.ac.in latest by **May 30, 2024**.
3. For SW candidates: Scanned copy of the No Objection Certificate (NOC), Experience Certificate, Salary slips of the last three months, and Employer's PAN card must also be sent by email.
4. DO NOT send any form or documents by post.
5. Only shortlisted candidates will be called for written test and/or interview, and the same will be notified by email. No emails or communication, in any form, regarding shortlisted candidates, change of interview date, syllabus of written test and/or interview, etc. will be entertained.
6. Candidates are strongly advised to visit the faculty member's webpage to know about ongoing research work and areas of interest.
7. Mere fulfillment of the minimum eligibility criterion does not entitle anyone to admission into the Ph.D. program in CRDT.