Dated: 30-Oct-2026

Advertisement for Admission to PhD Program at Center of Research for Energy Efficiency & Decarbonization (CREED), IIT ROPAR (AY 2026–2027)

Center of Research for Energy Efficiency & Decarbonization (CREED), IIT Ropar, invites applications for admission to the PhD program in the following categories:

- External Fellowship Category: CREED currently admits candidates with valid external fellowships (CSIR/UGC- JRF, DST-INSPIRE, or equivalent). Applicants must possess an active fellowship at the time of admission.
- Part-time Category: As per the Institute guidelines.

For more details related to minimum eligibility qualifications for admissions to the above categories, candidates are advised to visit **Information Brochure of PhD Admissions AY 2026-27**

Deadline to submit the application form	Department	Date of interview
15-Nov-2026	CREED	The date will be informed to the shortlisted candidates via email.

Focused Research Areas of CREED:

1. Energy Conversion & Storage Technologies:

(i) Energy storage; (ii) Solar energy and energy storage; (iii) Energy Storage, Phase change materials, Risk assessment

2. Efficient Power, Electronics & Digital Systems:

(i) Energy efficiency, Motor Drives, Power Electronics; (ii) Energy-Efficient Wireless Technologies; (iii) Memory subsystem, Caches, Energy-efficient design.

3. Thermal-Fluid Sciences & Complex Fluids:

(i) Fluid Mechanics / Fluid Dynamics; (ii) Thermal and fluid sciences, Micro-scale thermal transport and surface engineering; (iii) Active matter, complex fluids; (iv) Energy and Biomedical applications.

4. Decarbonization, Waste-to-Energy & Environmental Systems:

(i) Waste-to-energy; (ii) Biomass conversion, waste-to-energy, CO_2 utilization; (iii) CO_2 capture using biological systems; (iv) Polymers and nanomaterials for environmental; (v) Energy efficiency and decarbonization; (vi) Energy and Process Systems Engineering (Modeling, Control, and Optimization).

Important information:

A duly filled application form must be submitted in the prescribed format appended below (Appendix I), along with the following scanned copies:

1. Scanned copies of the Mark Sheets and Degree certificates (from B.Tech/B.E onwards).
2. Qualifying certificate of the **UGC/CSIR-JRF/DST-INSPIRE or any other valid fellowship.**
3. Those who belong to the SC/ST/OBC/OBC-NCL/General-EWS category must produce a scanned certificate of the same. Certificates related to OBC- NCL/EWS should be issued in the current financial year as per the DOPT format.
4. Any other relevant documents (e.g., experience certificate, etc.).

The above documents, in a zip file, must be submitted via the provided Google Form. Please Click here

Deadline for submission of the application: 15th-Nov-2026

1. The interview will be conducted online. The exact interview schedule and Google Meet link will be shared with the shortlisted candidates via email.
2. IIT Ropar reserves the right to admit/ not admit candidates for any of the advertised areas and to apply appropriate criteria for shortlisting/selection of candidates.
3. The decision of the competent authority in all matters relating to the candidate's eligibility, the written test/interview, and admission would be final and binding on all candidates. In the event of any dispute or ambiguity during the admission process, the Institute's decision shall be final.
4. All the details furnished in the application will be treated as final, and no changes shall be entertained. Non-submission of valid/required documents and/or incomplete application will lead to summarily rejection.

Application Fee: Women candidates & SC/ST/PWD category candidates: Rs. 100/-, All other candidates: Rs. 200/-. The fee is to be paid by SB Collect (Online Payment System). Applications without online payment details will not be considered. The payment method for fees is as follows:

- ✓ Procedure for payment of the application fee through SB Collect:
- ✓ Go to State Bank Collect
- ✓ Select SB collect.
- ✓ Tick the terms and conditions and continue.
- ✓ Select state - Punjab.
- ✓ Select educational institute – IIT Ropar (Type IIT Ropar after giving space in each letter of IIT).
- ✓ Select the payment category option.

- ✓ Pay the requisite fee.
- ✓ One application fee covers a single application. The application fee is non- refundable.
- ✓ For any queries related to the online interview process, email creed.office@iitrpr.ac.in.

Appendix I

INDIAN INSTITUTE OF TECHNOLOGY ROPAR

APPLICATION FORM

1. Personal Details

<table>
<tr><td colspan="2">Full Name (In capital)</td><td colspan="3"></td></tr>
<tr><td colspan="2">Name of the Department applying</td><td colspan="3"></td></tr>
<tr><td colspan="3">Date of Birth (DD/MM/YY):</td><td>Category GEN (SC/ST/OBC/EWS):</td><td rowspan="2">Affix a recent passport-size photo</td></tr>
<tr><td colspan="3">Marital Status (Single/Married):</td><td>Gender (Male/Female)</td></tr>
<tr><td colspan="2">Nationality</td><td colspan="3"></td></tr>
<tr><td colspan="3">Present Address for Communication</td><td colspan="2">Permanent Address</td></tr>
<tr><td colspan="3"></td><td colspan="2"></td></tr>
<tr><td>Mobile/Phone No.</td><td></td><td colspan="3">Email:</td></tr>
</table>

2. Details of School/University/Institute Studied (From Matriculation Onward)

S. No.	Degree	Discipline	University/Institute	Regular/ Part-time	Year	%Marks /CGPA	Division

3. **Details of External Fellowship (CSIR/UGC-JRF/INSPIRE or any other national fellowship, etc.)**

Qualifying Examination	Branch	Year	Valid Upto	Percentile	Score	All India Rank	Duration of fellowship

4. **Details of Qualifying Examination (NET/GATE or any other equivalent examination)**

Qualifying Examination	Branch	Year	Valid Upto	Percentile	Score	All India Rank

5. **Professional Experiences (Teaching/Research/Industrial)**

Name of Organization	Designation	Nature of Work	From	To

6. **Research Publication/Patents/Awards/Accomplishments (if any):**

7. **Any other Information (use a separate sheet if required):**

DECLARATION

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the Institute's rules and discipline. I note that the Institute's decision on the selection is final. The Institute shall have the right to expel me from the Institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the Institute is not desirable. I agree that I shall abide by the Institute's decision, which shall be final.

Place: Signature of the Applicant
Date