No. IITD/PHYS/PHD/2021/PHZ/II

November 17, 2021

Dear Candidate,

Subject: Interview for the Selection to Ph. D. programme in Physics (PHZ), semester-II, Academic year 2021-22.

With reference to your application for admission to the above Ph. D. programme in the Department, you are invited to report for videoconferencing (online) interview in the Physics Department of IIT Delhi, provided you fulfill the first short-listing condition and at least one of the six conditions listed from 2A to 2F (second shortlisting condition) in the table below. Ph. D. interviews will be held on December 8th, 2021. You can check your interview time slot and other interview related details a few days before the interview date on the ANNOUNCEMENTS page of the Physics Department website http://physics.iitd.ac.in

Shortlisting Criteria for Interview

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Considered Qualifying degree</th>
<th>Considered Preceding degree</th>
<th>Eligibility criteria: Aggregate percentage (CGPA in 10PT scale)</th>
</tr>
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<tbody>
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<td></td>
<td>Minimum marks</td>
</tr>
<tr>
<td>1.</td>
<td>B.Tech./MS. (5 years)</td>
<td>10+2</td>
<td>In qualifying degree</td>
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<td></td>
<td></td>
<td></td>
<td>In preceding degree</td>
</tr>
<tr>
<td></td>
<td>M.Sc. M.Tech.</td>
<td>B.Sc. B.Sc. or M.Tech.</td>
<td>In qualifying degree</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>In preceding degree</td>
</tr>
</tbody>
</table>

Note: In case the candidate has integrated degree (B.Tech.+ M.Tech. or B.Sc. + M.Sc.) degree, the marks in 10+2 examination will be considered as the preceding examination.

Eligible Degrees and Discipline

- B.Tech.: Engineering Physics, Electrical Engineering
- M.Sc./MS(R): Physics, Material Science and Nanotechnology
- M.Tech.: Photonics, Optics, Optoelectronics, Material science, Nanotechnology, Instrumentation, VLSI Engineering, Electrical Engineering, Electronics and communications

Second Shortlisting Condition

2A: In case the candidate is an awardee of national level scholarship viz. CSIR, UGC, DST (Inspire) and the award is valid beyond 2nd August 2021: Candidate should satisfy only the first condition and must produce the original scholarship award letter.

2B: If candidate has qualified only in GATE examination and the score is valid beyond 2nd August 2021, then the candidate must have a minimum GATE score of:

*(Only the candidates who qualified in EE/EC/PH GATE papers will be eligible for taking admission to Ph.D. programme)*

<table>
<thead>
<tr>
<th>GEN/ GEN-EWS</th>
<th>OBC (NCL)</th>
<th>SC/ST/PH</th>
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<tbody>
<tr>
<td>650</td>
<td>585</td>
<td>430</td>
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2C: If the candidate has M.Tech. qualifying degree (and does not possess a valid GATE Score) then the candidate must have the following minimum marks in the qualifying degree:

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<tbody>
<tr>
<td>Aggregate % (CGPA in 10PT scale)</td>
<td>80 (8.0)</td>
<td>80 (8.0)</td>
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2D: In case the candidate has M.Sc. from any IITs then the candidate must have following minimum CGPA (in 10 PT scale) in M.Sc.:

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<tbody>
<tr>
<td>8.0</td>
<td>8.0</td>
<td>8.0</td>
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</table>

2E: If candidate is from a Centrally Funded Technical Institute and:
1) is currently registered for B. Tech./Integrated M. Tech/ Integrated M.Sc./MS(R) degree and has completed 6 semesters with following minimum CGPA (in 10 PT scale):
(Such students must obtain a CGPA of 8.0 or above at graduation.)
2) is graduated with B. Tech./Integrated M. Tech/Integrated M.Sc.

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<tbody>
<tr>
<td>8.0</td>
<td>8.0</td>
<td>8.0</td>
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degree and has following minimum CGPA (in 10 PT scale):

2F

Employees of Public Sector Undertakings or Government Departments or Research and Development Organizations or Private Industries (approved by Faculty Board), who have completed 3 years of regular service in the present organization, are eligible for admission on part-time basis. The applicant has to satisfy short-listing condition #1 only. The candidate must produce “No Objection Certificate” from the employer.

- For General-EWS category, 5% seats would be reserved for session 2021-22 as per GOI orders.
- **Candidates whose final result of their qualifying degree is not yet declared**, are provisionally short-listed for the interview, and would be interviewed provided they have secured the necessary aggregate marks or equivalent CGPA in the results declared so far for the qualifying degree.
- There will be **no admission** to Ph. D. Programme on self-sponsored basis and also there will be **no admission** without appearing in the interview.
- If any student who satisfies the shortlisting criteria and he/she has not received any shortlisting email OR his/her name is not in the shortlisted list, he/she can contact the Head of the Physics Department OR write on maratherahul@physics.iitd.ac.in before 30th November, 2021.
- This interview call letter is valid only with the copy of shortlisting email that you would have received from the Ph. D. programme coordinator.

**Important instructions for candidates:**

1. Before you plan to appear for **online** interview, please confirm that you meet Short-listing condition #1 and at least one condition out of six from 2A to 2F. During interview, in case we find that you do not meet the shortlisting criteria, you will not be interviewed.
2. **Selection Process:** The results of interviews will be available at ANNOUNCEMENTS of [http://physics.iitd.ac.in](http://physics.iitd.ac.in) before noon of 10th December, 2021. The candidates selected after the interview are advised to contact via email the prospective faculty members before 05:00 PM, 16th December, 2021 for the final selection. Based on the interaction and consent from the faculty, the candidate must send an email with the name(s) of the prospective supervisor to maratherahul@physics.iitd.ac.in for the final selection by the Department Research Committee. More detail about this procedure will be sent separately to candidates selected after the interview.
3. Candidates are advised to visit Physics Department website regularly to know the details about Ph. D. vacancies, name and emails of faculty members who have the vacancies and corresponding research topics.
4. In case your qualifying examination results are not declared, you may be considered for provisional admission. You will be required to submit a certificate from your institute that your qualifying examination including practical/project are completed before the date of registration, which will **tentatively be in the 1st week of January 2022**. However, the result of your qualifying examination must be produced **at the time of registration**, failing which the admission could be cancelled.
5. Part-time applicants **must** bring a “**NO OBJECTION CERTIFICATE**” on a proper letter head of the appropriate authority of the organization in which they are working, failing which they will **NOT be interviewed**. The format for the same, as provided in the Information Brochure (available at the admission portal at IIT Delhi website) must be **exactly followed**.
6. Full Time Sponsored applicants seeking admission to Ph. D. programme on the basis of study leave must submit the **“SPONSORSHIP CERTIFICATE”** on a proper letter head of the appropriate authority of the organization in which they are working. Failing which they will **NOT be interviewed**. The format for the same, as provided in the Information Brochure (available at the admission portal at IIT Delhi website) must be **exactly followed**.
7. You are requested to go through the INFORMATION BROCHURE, II semester 2021-22 (available at IIT Delhi website) carefully before coming for the interview.
8. If selected, students will be required to deposit (For Full time) Rs. 31950/- (GE/OBC/EWS) or Rs. 26950/- (SC/ST/PH), (this includes Hostel seat rent of Rs. 10500/-). (For Part time) Rs. 24950/- (GE/OBC/EWS) or Rs. 14950/- (SC/ST/PH) as the Institute dues. Fee submission procedure would be detailed in the Ph. D. offer letter. Fee once paid for a particular programme will not be adjusted/ transferred if the student gets selected subsequently and joins in another programme. Non-Hostler students (Full time) need not pay the Hostel Seat Rent of Rs. 10500/-.
**Important Instructions for attending online interview**

1. Candidate should login using the Microsoft Teams meeting link (will be sent to you a few days before the interview date via email). You **MUST login ONLY as a GUEST by entering the FULL NAME as given in your application.**

2. During interview session you should have few blank papers and pen (preferably sketch pen) with you.

3. Candidate must have a valid photo-id during the time of the interview which should be shown to the interview board through the web-camera.

4. If any candidate is found using unfair means or indulge in any unfair practices during the interview, the interview panel will take appropriate action. [Please make sure that there are no interruptions, moving around, movements away from camera, etc.]

5. The interview panel reserves the right to take appropriate decision for the smooth conduct of the interview process.

6. Your admission is provisional, and the Department reserves the right to have a personal interview any time, if required.

7. Please make sure that you fulfill the shortlisting criteria, as given in the Physics Department website. If not, please DO NOT attend the interview.

8. If you fulfill the shortlisting criteria, as given in Physics Department website and your name does not appear in the interview list and willing to appear for interview, please write to maratherahul@physics.iitd.ac.in

For help on Microsoft Teams:
- [https://support.microsoft.com/en-us/office/join-a-meeting-without-a-teams-account-c6efc38f-4e03-4e79-b28f-e65a4e039508](https://support.microsoft.com/en-us/office/join-a-meeting-without-a-teams-account-c6efc38f-4e03-4e79-b28f-e65a4e039508)

In case of any clarification regarding above, please contact:

Prof. Rahul Marathe (E-mail: maratherahul@physics.iitd.ac.in)

Best wishes,

Prof. Ratnamala Chatterjee
Head of the Department