

## Department of Materials Science and Engineering, IIT Kanpur

### Ph. D. interview from June 29 to July 4, 2020

Contact person for any admission related query:

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1. Candidates will be shortlisted for the interview according to the selection criteria given in the department website (<http://www.iitk.ac.in/mse/admission-criteria.php>). If you have any query, kindly contact us.
2. Shortlisted candidates will be interviewed online via zoom and video must be on during the entire process. **The video call is going to be recorded.**
3. **Online screening test on June 29, 2020:** Shortlisted candidates have to appear first for a brief online screening test.
  - List of candidates shortlisted for screening test will be posted on **18/06/2020**.
  - Schedule of screening test will be posted on **27/06/2020**.
  - You will be asked **basic mathematics** (algebra, probability, calculus and plots) and **basic materials science & engineering** (crystal structure & characterization, thermodynamics & phase diagram, phase transformations, mechanical properties, electronic & magnetic properties) questions (approximately 10, objective type) in this round.
  - You are suggested to consult the book of Materials Science and Engineering, **V. Raghavan** and Materials Science and Engineering, **Callister** and some basic engineering mathematics books of your choice for the online screening test.
  - In the **screening round, you have to freeze your answer within 30 seconds to 1 minute per question** (depending on the question). Once you freeze an answer, you will not get an opportunity to change it later.
4. **Final round of interview from 01/07/2020 to 04/07/2020:** Based on performance in screening interview, some students will be selected for a final round of interview.
  - The list of students selected for final round of interview and schedule will be posted in the department website on **June 30, 2020**.
  - You will be asked advanced question based on your research interest and academic background.
  - In final round also, once you freeze your answer, you can not change it later. However, time limit per question will be more relaxed and decided by the interview board.
5. **Final selection will be based on your performance in final interview ONLY**, and marks obtained in the screening interview will not be considered.
6. Some general guidelines:
  - Make sure that you have entered correct email address and phone number in your application, as these are going to be our only mode of connection with you.
  - You may get a call from our side to check your connectivity before the actual interview. Kindly respond to that.
  - If you face any kind of difficulty, inform us in advance. **If we can not contact you on the specified date and time of interview, you will be marked as absent** and may not be allowed to appear later.
  - You are requested to have some blank papers and a pen with sufficient ink right beside you, as **you will not be allowed to move away from camera during interview**.

### Important dates

- List of candidates shortlisted for screening interview to be posted on: **18/06/2020**
- Schedule of online screening test to be posted on: **27/06/2020**

- Date of online screening test: **29/06/2020**
- List of candidates selected and schedule for final interview to be posted on: **30/06/2020**
- Final round of online interview: **01/07/2020 to 04/07/2020**