

Dear Candidates,

The written/interview for Ph.D. admission in the Department of Metallurgical and Materials Engineering will be held on 17th & 18th November 2022. The written exam will be held at 10.15 am on 17<sup>th</sup> November 2022.

The written exam will be MCQ type containing three sections. The syllabi for the three sections are:

- **Syllabus for Section A** – Crystal structures, Imperfections, Phase diagram, Characterization
- **Syllabus for Section B** – Steels (Phase diagram, phase transformations), Mechanical properties, Mechanical behavior of materials, and Phase transformations.
- **Syllabus for Section C** – Magnetic/Electrical properties of materials, Ceramics, polymers, electronic materials.

**Section A is mandatory, and the candidate can choose either section B or C.**

Candidates have to choose a faculty/topic by giving preferences for their Ph.D. research either from the Metallurgical Engineering domain (related to Section B in the written exam) or from the Materials Engineering domain (related to section C in the written exam). A candidate can choose only one domain. The domain expert committee will conduct his interview.

The candidates interested in Metallurgical engineering are requested to fill the google form using the following link:

**Metallurgical Engineering-**

[https://docs.google.com/forms/d/e/1FAIpQLSdIStXAKxiiJKg5x-Fc9vnBoG6fL2qUJbQvq79Ec7Ri9eDXUw/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdIStXAKxiiJKg5x-Fc9vnBoG6fL2qUJbQvq79Ec7Ri9eDXUw/viewform?usp=sf_link)

The candidates interested in Materials engineering are requested to fill the following google form:

**Materials Engineering-**

[https://docs.google.com/forms/d/e/1FAIpQLSe8Xd-SaOjZCaG9n0MVG6g5IS5l4gjfkSMLZdG86OHROn5PPA/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSe8Xd-SaOjZCaG9n0MVG6g5IS5l4gjfkSMLZdG86OHROn5PPA/viewform?usp=sf_link)

**\*\* It is mandatory to fill the google form before appearing in written /Interview process.**