

Department of Metallurgy Engineering and Materials Science Indian Institute of Technology Indore

Rolling Advertisement for Admission to Ph.D. Program

IITI/Acad/PhD Admissions/2022-23

February 10, 2023

IIT Indore invites applications from highly motivated and research-oriented students for admission to the Ph.D. Program in the **Department of Metallurgy Engineering and Materials Science** under the following research areas:

<ul style="list-style-type: none"> • Energy Storage Materials • Energy Conversion materials • Nanomaterials Synthesis and Processing • Environmental and Functional Materials • Soft Materials • Thin Films and Electronic Devices 	<ul style="list-style-type: none"> • Mechanical Metallurgy • Physical Metallurgy • Powder Metallurgy • Corrosion and Surface Science • Computational Metallurgy and Materials • Recycling of Metallic Waste/ E-waste
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Categories of admission (for Indian and International applicants): Please refer to the main PhD advertisement available at <https://academic.iiti.ac.in/phdadvt.php>

Time Schedule of PhD admission:

Cut-off date of online application through https://academic.iiti.ac.in:8443/nregistration.jsp (for both National and International applicants)	28th February (FA category only) */ 31st May (all categories) **/ 31st August (FA category only) */ 31st October (all categories) **
Tentative date of online written test and/or interview (for both National and International applicants)	3rd week of March (FA category only) */ 3rd week of June (all categories) **/ 3rd week of September (FA category only) */ 3rd week of November (all categories) ** (Preferably first working day)

***First and third admission will be only for FA category candidates.**

**** Second and fourth admission will be for all categories (TA, FA, DF, CT, IS, SW) candidates.**

Minimum Educational Qualifications (MEQs) and Qualifying Examination:

Minimum Educational Qualifications (MEQs) and Qualifying Examination (QE) for Indian applicants	Minimum Educational Qualifications (MEQs) and Qualifying Examination (QE) for International applicants
Masters' degree in the Department of Engineering/ Technology (such as in Metallurgy/ Materials Science and Engineering/ Mechanical/ Manufacturing/ Production Engineering/ Nanotechnology/ Engineering Science/ Engineering Physics/Ceramics Engineering/ Electronics/ Chemical Engineering/Energy Science and Engineering (with first division as defined by the awarding Institute/ University) AND GATE qualification,	MEQ: Masters' degree in the relevant Department (with first division as defined by the awarding Institute/ University)
OR	

BE/ BTech degree either in Metallurgy/ Materials Science and Engineering/ Mechanical/ Manufacturing/ Production Engineering/ Nanotechnology/ Engineering Science/ Engineering Physics/Ceramics Engineering/ Electronics/ Chemical Engineering/Energy Science and Engineering (with first division as defined by the awarding Institute/ University) AND valid GATE qualification,	QE: Valid TOEFL/IELTS OR equivalent qualification
OR	OR
Masters' degree in Chemistry/ Physics/ Materials Science/ Electronics/ Nanoscience and Technology (with first division as defined by the awarding Institute/ University) AND valid GATE qualification OR UGC/CSIR-JRF qualification OR Equivalent Fellowship.	Valid GATE qualification
OR	
Masters' degree in the Chemistry/ Physics/ Materials Science/ Electronics/ Nanoscience and Technology (with first division as defined by the awarding Institute/ University) with UGC-NET (Lecturership) AND valid GATE qualification	
GATE is not compulsory for DF (Defense Forces) / IS (Institute Staff) / CT (College Teacher) / SW (Sponsored without Institute scholarship).	

(Please refer to the main page on our academic portal [Link-https://academic.iiti.ac.in/phdadvt.php](https://academic.iiti.ac.in/phdadvt.php) for more details)

Candidates are advised to visit <http://mems.iiti.ac.in/Faculty.html> to learn more about the research areas of the faculty members. Candidates can also search faculty details using following links.

Faculty	Google Scholar Link/Webpage
Dr. Abhijit Ghosh	https://scholar.google.co.in/citations?user=P9nZOBsAAAAJ&hl=en
	http://mems.iiti.ac.in/Faculty.html
Dr. Ajay Kumar Kushwaha	https://scholar.google.co.in/citations?user=1ck-NV0AAAAJ&hl=e
	https://kushwaha09.wixsite.com/ajay
Dr. Chandan Halder	https://scholar.google.com/citations?user=Jc4fgVQAAAAJ&hl=en&oi=sra
	http://mems.iiti.ac.in/Faculty.html
Dr. Dharendra K. Rai	https://scholar.google.com/citations?hl=en&user=pFwwR8UAAAJ&view_op=list_works&sortby=pubdat
	http://people.iiti.ac.in/~dkr/
Dr. Dudekula Altaf Basha	https://scholar.google.com/citations?user=KQosI6YAAAAJ&hl=en
	http://mems.iiti.ac.in/Faculty.html
Dr. Eswara P. Korrimilli	https://scholar.google.com/citations?user=LidYSBQAAAAJ&hl=en&oi=sra
	https://sites.google.com/view/eswarprasad/home
Dr. Hemant Borkar	https://scholar.google.co.in/citations?user=siZP-XoAAAAJ&hl=en
	https://sites.google.com/site/drhborkar/home
Dr. Jayaprakash Murugesan	https://scholar.google.com/citations?user=QpLQQqsAAAAJ&hl=en&oi=sra

	http://mems.iiti.ac.in/Faculty.html
Dr. Mrigendra Dubey	https://scholar.google.com/citations?hl=en&user=9P83G5AAAAAJ&view_op=list_works
	https://drdubey.wixsite.com/iiti
Dr. Nisheeth Prasad	https://scholar.google.com/citations?user=vjypzxYAAAAJ&hl=en&oi=sra
	http://mems.iiti.ac.in/Faculty.html#
Prof. Parasharam M. Shirage	https://scholar.google.com/citations?user=hf2x04QAAAAJ&hl=en&oi=ao
	https://iiti.ac.in/people/~pmsirage/
Dr. Ram Sajeevan Maurya	https://scholar.google.com/citations?hl=en&user=6f8zrTcAAAAJ&view_op=list_works&sortby=pubdate
	http://mems.iiti.ac.in/Faculty.html
Dr. Rupesh Shivaji Devan	https://scholar.google.com/citations?user=UF9U1IkAAAAJ&hl=en
	https://rupesh76.wixsite.com/rupesh
Dr. Santosh S. Hosmani	https://scholar.google.co.in/citations?user=FgkqmiYAAAAJ&amp;hl=en
	https://sites.google.com/site/santoshhosa/
Dr. Sunil Kumar	https://scholar.google.com/citations?user=oAfPOCAAAAAJ&amp;hl=en
	https://iiti.ac.in/people/~sunil/
Dr. Sumanta Samal	https://scholar.google.co.in/citations?user=_ovvQcQAAAAJ&hl=en
	https://iiti.ac.in/people/~sumanta/index.html
Dr. Vinod Kumar	https://scholar.google.co.in/citations?user=n782qToAAAAJ&hl=en&authuser=2
	https://www.iiti.ac.in/people/~vkt/

Instructions

1. All eligible candidates, fulfilling the minimum eligibility criteria, must apply online through the website (<http://academic.iiti.ac.in:8080/nregistration.jsp>).
2. After applying online, the applicants should take a printout of the application form and sign the same. The scan copy of the signed application form along with the supporting documents should be sent by the applicants to dpgcmems@iiti.ac.in latest by **one day before the date of interview**.
 - a) Original documents will be verified at the time of admission as per Institute rule.
 - b) For SW candidates - No Objection Certificate, Experience Certificate, Salary slips of last three months and Employer's PAN card must be submitted.
 - c) Candidates must arrange recommendation letters from at least two referees. Referees shall e-mail the reference letters directly to dpgcmems@iiti.ac.in **one day before the date of interview**.
 - d) Application Fee: Please, refer to main page on our academic portal link-<https://academic.iiti.ac.in/phdadvt.php>
3. **Please don't send any form or documents by post.**
4. Interview call letter will be shared only to the shortlisted candidates.
5. No emails or communication, in any form, regarding change of interview date, time etc. will be entertained.
6. FA candidates are encouraged to apply.
7. Mere fulfillment of the minimum eligibility criterion does not entitle anyone for selection into the PhD program.