

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

Advertisement for Admission to Ph.D. Program

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

- *Advanced Functional Materials*
- *Materials Science*
- *Nanostructured Materials*
- *Solar cells*
- *Supercapacitor*
- *Batteries*
- *Display devices (Field Emission and Electrochromic)*
- *Resistive switching devices*
- *Superconductors*
- *Polymers (for charge storage and conversion)*
- *Magnetic Materials (& Multiferroics)*

This is rolling advertisement placed on 11th December 2017. After evaluation of applications, shortlisted candidates will be called for formal interviews being held on January 2018 and April 2018.

Candidates are strongly advised to visit <http://iiti.ac.in/people/~pms Shirage/> and <https://rupesh76.wixsite.com/rupesh> to learn more about the research areas of Dr. Parasharam and Dr. Rupesh.

Admissions are offered under the following categories: FA (Fellowship Awardee), SW (Sponsored Without Institute scholarship), and DF (Serving personnel in the defense forces). Details of these categories are provided on <http://academic.iiti.ac.in/phdadvt.php>.

Eligibility

1. **UGC/CSIR-JRF** qualification *OR* equivalent fellowship (**DST Inspire** fellowship holder), *and*
2. Minimum first Class* Master degree in the relevant discipline of Science (Physics/Chemistry/ Materials Science, etc.)

* The first class is defined as

- i. 60 % marks for GEN/OBC (55% for SC/ST) category in aggregate, *OR*
- ii. CPI/CGPA of 6.0 for GEN/OBC (5.5 for SC/ST) category on the scale of 10; with corresponding proportional requirements when the scales are other than on 10 (for example 4.8 for GEN/OBC category (4.4 for SC/ST) on a scale of 8), *OR*
- iii. A first class as specified by the University/Institute awarding the degree.

Application Procedure

1. Candidates must apply **ONLINE** through the website (<http://academic.iiti.ac.in:8080/nregistration.jsp>). This will generate a unique

- application number for each applicant.
2. Application Fee: Rs. 100/- (INR) to be paid through State Bank Collect (<https://www.onlinesbi.com/prelogin/icollecthome.htm>) or through a Demand Draft (DD) drawn in favor of “**Registrar, IIT Indore**” payable at “**Indore.**”
 3. After submitting the application online, the same is to be downloaded and the signed hard-copy along with the State Bank Collect receipt (or Demand Draft), recent photograph, self-attested relevant copies of certificates, (for SW candidates: No Objection Certificate, Experience Certificate, last 3 months salary slip and Employer’s PAN card) **must be sent to the DPGC Convener** at the below-mentioned address for correspondence. The deadline for receiving offline/hardcopy is 7 days after filling the online application.
 4. The candidate must write his/her name, Discipline of Metallurgy Engineering and Materials Science and the Application Number on the back side of the Demand Draft.
 5. The envelope of the application must clearly mention “*Application for Admission to Ph.D. Program in the MEMS (Dr. Rupesh and Dr. Parasharam)*”
 6. The date of interview (January 2018 and April 2018) will be communicated to shortlisted applicants. Candidates must take a note that only e-mail communication will be sent.
 7. The short-listed candidates must arrange recommendation letters from at least two referees well before appearing interview. Referees shall e-mail the reference letters directly to dpgcmems@iiti.ac.in or provide in a sealed envelope.

For any queries, please contact:

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