

## 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:

- *Mechanical Behaviors of Materials*
- *Physical Metallurgy*
- *Surface Engineering*
- *Alloys development*
- *Phase Field Simulation*
- *Advanced Functional Materials*
- *Soft Condensed Matter Physics*
- *Materials Science*
- *Nanostructured Materials*
- *Non-equilibrium Processing of Materials*
- *Inorganic Chemistry Materials*
- *Next Generation Photovoltaics*
- *Nano-Bio Electronics/Technology*

**This is a rolling advertisement placed on 07<sup>th</sup> July 2017. There will be continuous evaluation of applications with formal selection interviews being held at regular intervals. Candidates are strongly advised to visit <http://mems.iiti.ac.in/faculty.html> to learn more about the research areas of the faculty members.**

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

### Eligibility

1. Minimum first class\* Master degree in the relevant discipline of the Engineering/ Technology, *OR*
2. Minimum first class\* Bachelor degree in the relevant Engineering/ Technology discipline from a reputed Institute with a **valid GATE score**, *OR*
3. B. Tech. degree from an Indian Institute of Technology (IIT) with a minimum CPI of 8.0, *OR*
4. Minimum first Class\* Master degree in the relevant discipline of Science (Physics/Chemistry/ Materials Science, etc.) with **valid GATE** qualification *OR*
5. **UGC/CSIR-JRF** qualification *OR* equivalent fellowship (**DST Inspire** fellowship holder)

\* 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 Discipline of Metallurgy Engineering and Materials Science.***”
6. The date of interview 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](mailto:dpgcmems@iiti.ac.in) or provide in a sealed envelope.

#### **For any queries, please contact:**

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