

Indian Institute of Technology Indore

Walk-in Interview for Admission to Ph.D. Program in MEMS for AY 2017-18

IITI/Acad/PhD Admissions/2017-18, November 16, 2017

IIT Indore invites applications from highly motivated and research-oriented students for admission for its PhD Program in the Discipline of MEMS for the academic Year (AY) 2017-18 as per the below-mentioned categories of admission and time schedule.

Categories:

- **FA:** Fellowship Awardees from the agencies such as CSIR, UGC, DST-INSPIRE etc. or the JRF/SRF project staff working in a Sponsored Research Project under a faculty of IIT Indore being PI of the project. The Scholarship will as per the rules/guidelines of the concerned Funding Agency.
- **TA:** Teaching Assistantship with scholarship as per MHRD guidelines.
- **SW:** Sponsored from the reputed Industrial or Research organization WITHOUT any scholarship from the Institute
- **IS:** Institute staff (part time) WITHOUT any scholarship from the Institute.
- **EC:** External Category Candidates from the central services and central government employees.
- **DF:** Serving personnel in the defense forces WITHOUT any scholarship from the Institute.

Eligibility:

1. Minimum first class* Master degree in the Chemistry/ Applied Chemistry/ Physics/ Applied Physics/Nanotechnology from a reputed Institute with a valid GATE score, or CSIR NET-JRF or UGC NET-JRF or equivalent fellowship (DST Inspire fellowship etc.)
2. Minimum first class* M. Tech./M.E. degree in Materials Science/ Nanotechnology/ Chemical Technology.

* The first class is defined as per IIT Indore Guidelines (<http://academic.iiti.ac.in/phdadvt.php>)

The Area of Research:

- 1) Inorganic Materials: Design and Synthesis of multifunctional CHIRAL METALLOGELS (Inorganic Gels) with an objective of Conductance, Morphological and Photo-physical importance.
- 2) Soft-materials: Metallogels and Nanomaterials
- 3) Synthesis of Superabsorbent Materials
- 4) Synthesis of Charge Transfer and Aggregation Induced Emission based Materials
- 5) Structural Materials Chemistry Based on Chiral ligands
- 6) Synthesis of 2-Dimensional Nanostructures and Its Applications
- 7) Energy Materials and Solar Cells
- 8) Electrochemical Sensors for Water and Air Quality Monitoring

Time and Date of Walk-in Interview: 09:30 hrs on Friday, December 08, 2017

Venue: POD 1D (PHY-2) Building, Indian Institute of Technology Indore, Khandwa Road, Simrol, Indore - 453552, Madhya Pradesh.

Prior to attending interview, interested candidates must email detailed CV to **Dr. Mrigendra Dubey** at mdubey@iiti.ac.in with the subject as "Application for Ph.D position in MEMS". The applicant must produce original educational certificates and two recommendation letters on the day of Interview.

NOTE: No TA/DA will be paid for attending the walk-in interview. Candidates should make their own arrangements for stay, however limited accommodation may be provided on payment basis, applicant should directly contact to Hostel Office via email: hostel@iiti.ac.in