

# PhD Program in Chemistry



**Last date of application is October 01, 2018**

**(Last date of the receipt of the hard copy of the application along with the supporting documents is October 09, 2018)**

**Note: Written test/Interview will be completed before October 31, 2018**



## Come, Live and Explore Chemistry@IIT Indore

**Interested in doing exciting Chemistry!** We invite you all to explore and live exciting Chemistry to understand and contribute in solving global issues on **Energy, Water** and **Environment**.

Discipline of Chemistry at IIT Indore offers Doctor of Philosophy (PhD) degree in Chemistry, where students require completion of one or two semesters of course work and a thesis defense on original research performed under the direct supervision of at least one faculty member from the Discipline of Chemistry. Students enrolled in PhD program usually allotted the thesis advisor temporarily during the time of admission to the PhD program depending upon their research interests, and confirmed after the completion of the course work (typically of two semester).

Discipline of Chemistry offers a variety of research areas in chemistry which includes **organic synthesis, asymmetric synthesis, organic electronics, supramolecular chemistry, natural product and medicinal chemistry, bioorganic chemistry, polymers, biomimetic materials, bio-inorganic chemistry, catalysis, transition metal chemistry, organometallics, nanoscience, self-assemblies, fluorescence spectroscopy, single molecule fluorescence imaging, computational and theoretical chemistry**, and many more.

We have very well equipped research facilities and laboratories, along with a **Sophisticated Instrument Center** (SIC - state-of-the-art instrumentation facility). For more details please visit <http://iiti.ac.in/sic/>

Applicants are encouraged to contact the interested faculty members to gain for more information about their research areas and/or visit <http://chemistry.iiti.ac.in/faculty.html> for detailed profile of individual faculty members of the Discipline of Chemistry.

### Admission Requirements

The candidate must satisfy any one of the following criteria.

- Minimum first class Master degree in Chemistry or relevant subject with valid UGC/CSIR-JRF/GATE or Equivalent Fellowship, **OR**
- Minimum first class M. Tech/M. Phil degree in relevant discipline, **OR**
- Minimum first class Bachelor degree in the relevant Engineering/ Technology discipline with a **valid GATE score OR**
- B.Tech from an Indian Institute of Technology (IIT) with a minimum CPI of 8.0.  
\* 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 Fee

100/- Indian Rupees to be paid through State Bank Collect.

<https://www.onlinesbi.com/prelogin/icollecthome.htm>.

## Application Procedure

- Candidates must apply **ONLINE** through our website (<http://academic.iiti.ac.in:8080/nregistration.jsp>). This will generate a unique application number for each applicant.
- After Submitting the application online, the eligible candidate has to **SEND** the signed hard-copy of the application mentioning **State Bank Collect receipt, recent photograph, Self- attested relevant Certificates (for SW candidates: No Objection Certificate, Experience Certificate, last 3 months salary slip and Employer's PAN card)** to the **DPGC convener, Discipline of Chemistry, SB-116, Indian Institute of Technology Indore, Simrol, Khandwa Road, Indore 453552, M.P., India** on or before October 09, 2018.
- The shortlisted candidates must arrange recommendation letters from at least two referees well before appearing for the interview. Candidates should request the referees to send recommendation letters to [admission-chem@iiti.ac.in](mailto:admission-chem@iiti.ac.in) or provide in a sealed envelope. Recommendation form will be circulated separately to the shortlisted candidates only.

## Financial Support

**FA (Fellowship Awardee):** Fellowship Awardees from the agencies such as CSIR, UGC, NBHM, etc. OR JRF/SRF project staff working in a Sponsored Research Project under a faculty member PI of the project) of IIT Indore. The scholarship will as per the rules/guidelines of the concerned funding agency.

**TA (Teaching Assistantship):** Teaching Assistantship with scholarship as per MHRD guidelines.

## Student's Life@IIT Indore

IIT Indore is a residential campus, where most of our students are staying inside the campus. Institute is committed to provide all the basic infrastructure facilities to support our research students/staff to excel best output. Campus Hall of Residence, studio



apartments, and several eating outlets are available to students. For those who prefer to live off campus, there are several rentals available in the neighboring area of Simrol town and in the Indore City. It is very common for groups of students to share a house, who opt to stay off the campus. For more details please visit: [www.iiti.ac.in](http://www.iiti.ac.in).

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For further information contact: [admission-chem@iiti.ac.in](mailto:admission-chem@iiti.ac.in)

(Chemistry Office Phone: 07324-306-756)