



Indian Institute of Technology Delhi
School of Interdisciplinary Research (SIRe)



Admission to Interdisciplinary PhD Program
(Semester 2, 2017-2018)

The School of Interdisciplinary Research (SIRe) at IIT Delhi invites application for Interdisciplinary PhD program being offered in conjunction with Supervisors from different academic units of the Institute. A student admitted under this program will have a minimum of two supervisors from two different departments/centres/schools. Admission to the program will be offered against a specified research project proposed by the supervisors. A list of currently available projects is given below:

| Project No. | Project Title |
|-------------|---|
| 1 | Development of Ballistic Material System for Blast Mitigation |
| 2 | Analysis of underground structures subjected to blast loading, blast induced vibration and vibration control of above-ground infrastructure |
| 3 | Development of total soil analyzer prototype device |
| 4 | Developing a revenue model for bioinformatics R&D using management approach |
| 5 | Passive-hybrid vibration response control in base-isolated structures under impulsive loads |
| 6 | Designing and investigation of functional clothing using shape memory membranes for microclimate temperature control for extreme cold environment |
| 7 | Experimental and Theoretical Analysis of Novel Thermoelectric and Multiferroic Oxides |
| 8 | Heat Transfer and Fluid Flow in Earth's Atmosphere |
| 9 | Continuous processing for production of biotech therapeutics |

Keeping in view the nature of our PhD program, we invite applications from highly motivated candidates, especially from diverse backgrounds, who are willing to take up challenges in interdisciplinary research areas. Please note that the candidates admitted to the PhD program in this school will be required to do course work from different disciplines related to the project.

Minimum Eligibility

Applicable as provided in **Information Brochure (Semester 2, 2017-2018)** for admission to PhD programs of IIT Delhi.

Procedure for Applying

Application (in fillable-PDF format) is available for downloading from our website (<http://sire.iitd.ac.in/>). The instructions are listed in the application form itself. Candidates are required to email the filled-in form (complete in all aspects) to headsire@iitd.ac.in. **Hardcopy of the application will not be accepted.**

Important Dates

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|---|---------------------------------|
| Submission of application by email commences on | December 04, 2017 |
| Last date for submission of application and application fees | December 11, 2017 (4 PM) |
| Announcement of Shortlisting criteria and list of shortlisted candidates for test/interview | December 15, 2017 |
| Range of dates for Test / Interviews | December 26-29, 2017 |
| Date of Registration for new Students | January 01, 2018 |
| Commencement of classes | January 02, 2018 |