



## COCA-COLA DEPARTMENT OF REGIONAL WATER STUDIES DOCTORAL PROGRAMME IN WATER SCIENCE AND GOVERNANCE

### About TERI School of Advanced Studies

The academic programmes at TERI SAS are focused on the challenges of providing for rising global populations in the face of an increasingly limited and degraded natural resource base.

The understanding implicit in moving towards sustainability assumes that there is no obvious itemized solution with recognized, established methodologies, tools or specializations leading to such development.

The solutions do not lie in any specific subject disciplines; they must instead be contextual. Developing such an understanding among future practitioners of the field is best achieved through exposure to a variety of subjects, tools, and methodologies offered in an interdisciplinary form.

This has been the guiding philosophy behind the programmes offered by TERI SAS. This is practiced by building a theoretical understanding in courses covering a variety of traditional disciplines, such as ecology, natural and social sciences, governance, policy and engineering.

### Programme Overview

TERI School of Advanced Studies (TERI SAS) provides an opportunity to Ph.D. students to nurture their analytical and critical thinking skills. It offers a conducive environment to achieve academic excellence and meet the highest global standards.

TERI SAS offers Ph.D. programmes in six interdisciplinary themes through its six Departments, each drawing their strength from the expertise and areas of interests of faculty members of the respective Departments.

The mode of operation and key features of these programmes are governed by the provisions laid down in the "TERI School of Advanced Studies Ph.D. Regulations-2019" (and its subsequent amendments).

### Research Themes

- Climate change, gender, institutions and governance
- Urban and peri-urban water in a changing climate



- Climate change and agrarian distress
- Artificial Intelligence applications in Water resource management

## Programme Outcomes

- At the successful completion of the Ph.D. programme, the researchers should be able to:
- Have an in-depth understanding and knowledge of the nuances of the problem being researched and the literature surrounding relevant to the topic.
- Explore frontiers of fundamental, applied and interdisciplinary research as decided by the chosen field of study.
- Understand and apply scientific methods, tools and techniques to carry out high quality research work.
- Independently plan and execute original research with high ethical standards.
- Develop suitable communication and interpersonal skills, critical thinking and problem-solving attitude as appropriate for a Ph.D. student.

## Admission

Admission will be made based on written tests and interview. A weightage 70% to the written tests and 30% to the performance in interviews shall be given. Written test will have two papers of equal weightage. Paper I will be on 'Research Methodology' which will be a common paper for admission in all departments of the University. Paper II will be department/subject specific.

[Syllabus for Research Methodology](#)

### Syllabus for Paper II

Water and Society, Integrated water resources management, water and disaster, water supply and sanitation, water security and stress (water demand and supply are part of this), concept of green, blue and grey water, water pollution, water and ecosystem

### Method of examination for Paper II:

The method focuses on assessing candidate's critical thinking, expression and research abilities to understand his/her ability to do research in an interdisciplinary way. Candidate would be given an article to read. There would be questions which a candidate has to answer. These questions are designed to assess the reading accuracy, analysis and interpretation, language comprehension and expression, background knowledge of the subject, summarization of the major ideas and ability to critique or challenge established ideas.

## Eligibility criteria

Master's degree in a relevant field or equivalent with at least 55% marks in aggregate or an equivalent grade in a point scale wherever grading system is followed.

## Fee

For details regarding the fee for doctoral programmes, please refer to the link given below:

<https://www.terisas.ac.in/how-to-apply.php#nav-doctoral-tab>



## Ph.D. Guidelines

For Ph.D. guidelines, please refer to the link to student handbook. The Ph.D. regulations are from page no. 57 to 69  
<https://www.terisas.ac.in/pdf/student-handbook.pdf>

## Contact

Plot No. 10, Institutional Area, Vasant Kunj, New Delhi - 110 070, India.  
Tel. +91 11 71800222 (25 lines), Website : [www.terisas.ac.in](http://www.terisas.ac.in)

