

The logo for the Indian Institute for Human Settlements (iihs) is located in the top left corner. It consists of the lowercase letters 'iihs' in a white, sans-serif font, with a registered trademark symbol (®) to the upper right. The text is set against a dark red rectangular background.

INDIAN INSTITUTE FOR
HUMAN SETTLEMENTS

JOB DESCRIPTION

Environmental Chemist and Microbiologist –
Environmental Lab, School of Environment and
Sustainability (SES)

About Us

The Indian Institute for Human Settlements (IIHS) is a national education institution committed to the equitable, sustainable and efficient transformation of Indian settlements.

IIHS aims to establish an independently funded and managed national university of eminence for research and innovation focused on the challenges and opportunities of India's urban transition. The proposed IIHS University will be an institution of eminence that will host an integrated programme of quality campus-based education and research, training and lifelong learning for working professionals, distance and blended learning, as well as a whole array of practice and advisory services. The university will have a strong interdisciplinary orientation bringing together theory and praxis that is grounded in the South Asian context and also engages with and draws from knowledge across the globe.

For more information, please see <http://www.iihs.co.in>

About the School of Environment and Sustainability (SES)

The School of Environment and Sustainability (SES) at the Indian Institute for Human Settlements is building a team of environmental researchers and technicians to support the inter-disciplinary research, teaching and practice goals of the SES as part of its urban ecology initiative.

The emerging Long-Term Urban Ecological Observatory (LTUEO) at the Kengeri campus of the Indian Institute for Human Settlements is an important part of the SES and will integrate state of the art observation and measurement systems for biodiversity, air, water and soil and ecosystem services to serve the needs of sustainable management of the campus and function as a research and educational resource for the larger community.

The Environmental Lab is a part of the LTUEO at the IIHS Kengeri campus, within the School of Environment and Sustainability.

Job Description

IIHS requires an assistant/ associate in its Environmental Lab to assist in understanding, monitoring and communicating the changing chemical and microbiological profile of water and soil on the campus and the neighbouring ecosystems (lake, forest and urban).

The role will require spending quality time on the IIHS Kengeri Campus, along with providing support as needed on other IIHS projects under the SES elsewhere.

Activities and Tasks

Responsibilities would include, but not be limited to, the following:

- Collecting and processing soil and water samples at regular intervals as part of the campus environmental monitoring system;
- Assisting in setting up and maintaining a chemical, micro-biological and a tissue culture laboratory in the future;
- Preparing and maintaining hard-copy and computer-based data sets on all chemical and microbiological environmental variables;
- Assisting in the procurement, operations and maintenance of laboratory equipment and related materials;

- Helping establish and maintain high standards of safety and quality assurance protocols in the laboratory;
- Helping prepare regular updates on the Environmental Lab's activities for IIHS communication outputs;
- Contributing to knowledge sharing events, publications and presentations featuring the Environmental Lab's activities, observations and findings at appropriate internal and external forums as needed;
- Participating in relevant teaching and training activities; contributing to curriculum design and the development of teaching materials, including case studies, as relevant;
- Providing support to other IIHS activities including academics, research, training, practice, operations and others;
- Participating in all activities of Institution-Building at IIHS; carrying out tasks as assigned by IIHS; and travelling on IIHS work within or outside the country as and when needed.

Structure and Reporting

As an Assistant / Associate in the Environmental Lab, the environmental chemist and microbiologist will be part of the larger SES team at IIHS, and will be required to collaborate effectively with other IIHS teams, external individuals/organizations, and students.

Person Specification

This position requires a Master's degree in Environmental Chemistry or Microbiology with relevant laboratory experience of 1-3 years.

This offer is on an exclusive basis, which implies that other professional assignments (whether compensated or not) that bear a potential conflict of interest with IIHS cannot be undertaken.

The search will remain open until the position is filled.

Location

This position is based in the Kengeri Campus, Bengaluru and may entail travel to other locations in India as needed.

Review and Assessment

The role and performance of the incumbent shall be subject to normal review and assessment systems at IIHS.

Diversity Policy

IIHS is an equal opportunity employer that encourages women, people with disabilities and those from economically and socially excluded communities with the requisite skills and qualifications to apply for positions.

To apply

If you are interested to explore this opportunity with us, please fill the online application form by clicking [here](#). (You can also click on the "Apply Now" button at the end of the Job Description displayed on the website).

Contact

Please write to us at hr@iihs.co.in if you need any clarifications while filling the online application form.



IIHS Bengaluru City Campus

197/36, 2nd Main Road, Sadashivanagar, Bengaluru 560 080. India.
T: +91 80 6760 6666 | F: +91 80 2361 6814

IIHS Chennai

Floor 7A, Chaitanya Exotica, 24/51 Venkatnarayana Road, T Nagar Chennai
600 017. India. T: +91 44 6630 5500/6555

IIHS Delhi

803 Surya Kiran, 19 Kasturba Gandhi Marg, New Delhi 110 001. India.
T: +91 11 4360 2798 | F: +91 11 2332 0477

IIHS Mumbai

Flat No.2, Purnima Building, Patel Compound, 20-C, Napean Sea Road,
Mumbai 400 006. India. T: +91 22 6525 3874

www.iihs.co.in