



iihs[®]

INDIAN INSTITUTE FOR
HUMAN SETTLEMENTS

JOB DESCRIPTION

BIM Modelling and 3D Visualising
Expert – Campus Development

About Us

The Indian Institute for Human Settlements (IIHS) is an interdisciplinary knowledge institution and distinct university, committed to the equitable, sustainable and efficient transformation of Indian settlements. It conducts an integrated programme of quality campus-based teaching and research, applied research/ practice-based work to deliver large-scale impact, training and lifelong learning for working professionals as well as blended learning. IIHS brings together theory and praxis around India-centric knowledge and applied research, while engaging with and drawing from knowledge across the globe.

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

About IIHS Campus Development

The IIHS main campus is located on a 54-acre freehold site at Kengeri, Bengaluru. The digitally augmented buildings and facilities, slated to be built over three phases, are expected to enable interdisciplinary teaching-learning, research and practice, and demonstrate the best examples of Indian design and traditional crafts. The campus will aim to provide students and researchers with the opportunity to immerse themselves in and innovate around India's core urban challenges.

The Campus Development team focuses on design, procurement, execution, and documentation activities at the IIHS Kengeri site. The work includes supporting Building Information Modelling (BIM) using the Revit and Grasshopper platforms for Campus site infrastructure and buildings, 3d modelling using the Rhino and SketchUp platforms, data analysis for sustainability parameters and coordination with various stakeholders involved in the project.

Joining the Campus Development team at IIHS offers a unique opportunity to be at the forefront of building one of India's most ambitious, eco-friendly and sustainable campuses. Situated in the upcoming Kengeri area of Bengaluru, the project is deeply rooted in principles of net neutrality and long-term environmental stewardship targeting factor five infrastructure.

As part of this fast-paced and dynamic process, you will gain hands-on experience and unparalleled exposure to interdisciplinary collaborations spanning architecture, urban planning, environmental science, engineering, and more. The role is designed to accelerate your professional growth, offering meaningful engagement with cutting-edge practices in sustainable development. We are looking for candidates passionate about building a better future and eager to shape a living, learning campus from the ground up. Join this team if you are interested in a purpose-driven career.

Job Description

IIHS is looking to hire an architect with around 4 to 6 years of work experience. This position will be part of the Campus Development team at IIHS based out of Kengeri, Bengaluru. The responsibilities for this role will involve supporting campus development activities, including but not restricted to converting existing infrastructure and building drawings to BIM using the Revit and Grasshopper platforms, 3d modelling using the Rhino and SketchUp platforms, data analysis for sustainability parameters and coordination with various stakeholders involved in the project. The work will also involve direct architectural intervention as per regular business

practices, as well as research, publications, prototyping and creation of policies, standards and guidelines.

This could be either a regular position or a 11- month contractual engagement, renewable on mutual consent, with the potential to turn into a regular position over time.

Activities and Tasks

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

- BIM modelling in the Revit platform and 3d models in the Rhino platform for existing/ proposed campus infrastructure and buildings;
- Visiting sites for primary data collection, including spatial, quantitative, and qualitative data;
- Coordinating with design and execution teams for proposed and ongoing activities at the site to ensure that deadlines, procedures, and other project requirements are met;
- Assisting in the preparation of teaching-learning material and training activity related to use of the Revit and Rhino platforms;
- Organising workshops and consultations with key stakeholders;
- Additionally, the incumbent is expected to be involved in the full range of activities at IIHS: the candidate will thus also be expected to be part of IIHS' teaching programmes, its public conferences and conventions, and its capacity building programmes through executive education and short courses;
- 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 traveling on IIHS work within or outside the country as and when needed.

Structure and Reporting

The BIM modelling and 3D visualizing expert will be an External Consultant coordinating with the Lead - Campus Development at IIHS and will be required to collaborate effectively with a diverse group of internal teams and external individuals/ organisations, and students.

Person Specification

The ideal candidate should have:

- A professional degree in Architecture and/or a Master's in Architecture / Planning;
- 4-6 years of prior experience, preferably in the design and execution of sustainable buildings;
- Prior experience working on the Revit and Rhino platforms in addition to AutoCAD, SketchUp, InDesign and Photoshop;
- Demonstrable knowledge of sustainable building practices and methods, embodied energy analysis and life cycle analysis;
- An understanding of building codes, environmental regulations, and green building rating systems;
- The willingness to travel from time to time as per project requirements;
- Effective verbal and written communication skills;

- Flexibility and the ability to work well in a fast-paced environment;
- Competence in handling simultaneously occurring tasks and smaller projects;
- Excellent organisational skills and effective team working skills;
- Software & Skills
 - Revit, Rhino, Grasshopper, AutoCAD, SketchUp, Adobe Photoshop, Illustrator, InDesign;
 - MS office;
 - Model making;
 - 3ds Max (optional).

This could be either a regular position or a 11- month contractual engagement, renewable on mutual consent, and with the potential to turn into a regular position over time. 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 Kengeri, Bengaluru and may entail travel to other locations in India.

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.



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