

INDIAN INSTITUTE OF TECHNOLOGY, PATNA

GREEN POLICY

Indian Institute of Technology, Patna has shifted and started functioning from its newly constructed sustainable green campus at IIT Patna at Bihta.

The salient features of the Green Campus are:

1. Planning and designing of the buildings, services and site development of the campus are as per the Green Building GRIHA IV rating (Targeted). These includes but are not limited to the following :
 - a) Energy efficient planning, use of energy efficient lighting and use of LED street lighting, insulation of buildings roof and wall, use of suitable double glass unit and single glass unit in Glazing and window.
 - b) Use of low VOC content material, maintaining indoor air quality and thermal comfort and use of VRV system of HVAC.
 - c) Provision of use of recycled water.
 - d) Construction of three Sewage treatment plant for Academic area, hostel area and residential area and provision of use of recycled water.
 - e) Conservation of existing tree and vegetation in design and during construction.
 - f) Use of sustainable and environment friendly building materials.
 - g) Control of pollution during and after the construction.
2. Engaging SGS India Pvt Limited as GRIHA consultant.
3. Applying ADaRSH for certification of GRIHA rating IV and their regular site visit during construction.
4. Formation of Plantation committee for conservation of tree and plantation of new plants in the campus. The committee is also looking after the landscaping work of the campus. The name of the committee members are:

Dr. Sudan Majhi, Dr. Papia Raj, Dr Amit Kumar and Er. Devanand Jha
5. The campus is already having a number of Big trees and is green. Still, approximately 3000 new plants have already been planted as per the Master Plan of the Campus.
6. Formation of Environmental Advisory Committee (EAC) for Campus cleaning and waste management. The committee is looking after the campus cleaning and waste management system from waste collected from residences and from offices, its categorization and its disposal. Development of in-house waste disposal system, recycling, formation of compost etc. Control of Hazardous waste generation and safe disposal if any. The name of the committee members are :

Dr. Atul Thakur, Dr. Syed K.K. Hussaini, Dr. Sudhan Majhi, Dr. Prolay Das and Dr. Subrata Hait
7. Development of system for regular cleaning of water tanks, drains, operation of sewage disposal system.