

Key Indicator - 7.2 Best Practices (30)

Title of the Practice 1

Enriching ecosystem: A crying need for sustainable development

Objective of the Practice

In order to translate the idea of “think globally and act locally” to be in synchrony with UNDP and NITI Aayog, the university aims to enrich the existing environment to match with geographical conditions of the region. The university has evolved a strategy to overcome the difficulties arising out of climate change and depredation of bio-diversity with constantly falling water table of the region. This will fulfill the objective of bringing about the change in quality of life. Towards translating this idea work has been initiated in the first phase where the University is working on water resource management.

The Context

In the context of sustainable development goals it has become imperative for us to formulate a strategy of enriching our ecosystem. The university has to draw a roadmap of its future development keeping in mind the principles which underline the fulfillment of needs of current generation without compromising the needs of posterity. It also envisages to strike a balance among economic growth, environmental care and social justice. Being keenly alive to the locational features of the university and environs falling into semi-drought prone area, the university has made meticulous plans towards recharging depleting water table and conserving bio-diversity with a motto ‘Live Green, Breathe Green, Go Green’.

The Practice

- **Zero discharge water system:** not a single drop of water goes out of the campus. A perfect mechanism is developed for recycling of used water through Sewage treatment plant for reuse of water and maintaining eco system
- Rain Water harvesting for sustainable development and restoration of ecosystem.
- A huge capacity reservoir to store rain water for multipurpose use
- Day light conservation: Minimum 30% of living area has been covered by Day light as prescribed in NBC 2005. construction throughout the campus are delicately designed to utilize most of the day light, in turns, limiting the use of electricity.
- Double toughened glass to maintain cozy environment inside the room, thus reducing electricity consumption and save the environment with a tag line ‘less consumption less emission’
- Heat resistant tiles (HRT) on the roof to maintain the temperature: Due to use of heat resistant tiles the university has capped the electricity use to a huge extent.
- To promote Green Energy- Solar Light Installed in the campus