



ROOFTOP GARDENING

Nepal

The Rooftop Gardening project promotes greening of spaces in the campus premises which includes small level rooftops, college entrance, parking spaces and vertical gardening. This has a great number of benefits including decreasing the heat effect, decreasing water runoff, and improving air quality.

The project is innovative and creative as it demonstrates current and creative ways to affordably produce food in small, urban spaces, particularly in campus areas. The focus was on recycled materials and low-input methods. Using small spaces, particularly vertical spaces, for food production is a rapidly growing field.

Project Implementation:

The greenery in the college was already being maintained through small level rooftop gardening and vertical gardening. The concept of gardening was applied to other spaces like college entrance and parking areas as well.

Following were the objectives of the Rooftop Gardens:

1. Producing their own organic vegetables
2. Beautifying the landscape
3. Putting organic waste to good use
4. Increasing biodiversity
5. Improving the air quality

The two major activities proposed by the team were:

1. **Rainwater Storage:** The team identified sloping tinned roofs on the campus building. By fixing channels they were able to collect rain water and use it for their gardens.
2. **Paper Recycling:** The team charted out a system to recycle and reduce the amount of paper wastes generated from the college and to spread knowledge about paper recycling practice to other academic institutions as well.

The major objectives of the project were:

1. To promote and support the initiatives taken by students towards environmental sustainability.
2. To sensitize students about global and local environmental scenarios.
3. To maintain an eco-friendly campus environment.
4. To organize events on sustainable environment.

Team Members

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