

## Success Story- Improve Nutritional Status Through Terrace Gardening

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Before starting concept of the terrace garden, KVK, Surat participated in Horticulture Fair- 2015. In that, it was suggested to arrange terrace garden training especially for the urban people. More than 750 people do the registrations who were interested for the training of terrace garden. To do the management of training MoU made with other NGO/Institute and it named as SAUAR (Surat Alliance for Urban Agriculture Resilience). Total nine trainings were conducted for the terrace garden and in which 60-70 people participated in each training. Whatsapp group of each training was made. Using this technology, participants can directly contact with concert scientist and solve the problem within short period of time. Participants also share their activities regarding terrace gardening which increase the interest regarding gardening in other participants.

### **Introduction:**

In Surat city, mainly urban people do not have own spare space in and around the house. To solve the problem of land, proper utilization of terrace space for gardening. Due to lack of knowledge and proper sources, none of them can properly utilizing the available space. Seeing the interest of people, KVK Surat has started the special training for urban people with objective to popularize and adoption of terrace garden and gets fresh vegetable, fruits & increase nutritional status in their daily diet. This also helps to utilize the recycled household waste efficiently for cultivation of crop through composting.

### **Intervention:**

Krishi Vigyan Kendra, Surat conducted training for terrace garden to increase the awareness as well as to popularize it in Surat city. On terrace garden people grown more than 60 different types of horticultural crops on their terrace and utilize those fresh vegetables & fruits for their daily diet and after consumptions they also share their produce with their neighbour.

### **Actual output:**



From first training, continuous demand came from city people regarding more and more advance trainings related to terrace garden. Numbers of peoples were in Surat city starting to grow no. of horticultural crops (around 60) on their own terrace and consume fresh organic and nutritional food.

**Actual outcome:**

By conducting training to increase awareness/popularizing terrace garden activity, more than 2300 people of urban area are now a day's practicing. They can get easily available fresh, organic and nutritious food from their own terrace garden. Better utilization of spare time and space. Improve the health of the families. Most of the gardeners who were using hazardous chemical fertilizers and chemical pesticides are now a day's using biofertilizers, botanicals and biopesticides. Some gardeners inspiring the other people of the city and organize holiday free class for the new participants.

**Success story:1**

Name : Dr.. Mohiniben Pankajbhai Gadhiya  
Village : Surat  
Crop : All types of vegetables, medicinal plants, indoor plants  
Area : On Front Balcony  
Mobile no : 9265229107

Earlier people here not using the balcony space for the cultivation of the daily used vegetable and other ornamental plants. After participation in the training of terrace garden on KVK Surat, she applied this technology on her balcony. Presently, she is growing the vegetables like, brinjal, tomato, okra, chilli, cucurbits, tuber crops yam, suran and other kitchen vegetables. She is also growing the ornamental plants for the beautification of the terrace like, adenium, football lily, rose *etc.* Also sharing the photographs of his activity of the terrace gardening. She is also making kitchen compost from kitchen waste and use in the garden as fertilizers. Those fresh vegetables used for the daily consumption and take the healthy and organic food.



### Success story: 2

Name: Mrs. Rekhaben Nishikant Mistry

Village: Surat

Crop: Vegetable, fruits and medicinal plants

Area: On terrace

Mo: 9879484515

She uses the space of gallery and terrace for the cultivation of vegetables like, brinjal, tomato, chilly, fenugreek, coriander, garlic, curry leaf, cabbage, cauliflower, bottle gourd, cucumber, etc. Medicinal plants like, tulsi, mint, aloe vera, lili cha, ardusi, long piper, etc. After the training of terrace garden, she motivated to grow vegetables on home which is healthy, without chemical residue, nutritious and organic. She has also utilized the recycled household waste efficiently for cultivation of crop through composting. Mrs. Rekha is a role model to the other people for taking up the modern technology and cultivation practices in the terrace garden.

**Success story: 3**

Name : Mrs. Anupama Himnshu Desai  
Village : Surat  
Crop : fruits, vegetables and medicinal plants  
Area : On terrace  
Mobile no.: 9427111881

Mrs. Anupama earlier was not using the terrace space for the growing of the daily used vegetable. After she was participated in the training of terrace garden at KVK, she applied technology on his terrace. Presently, she is growing the vegetables like, brinjal, tomato, okra, chilly, winter vegetables and cucurbits in different container. She is also growing the cucurbits on the trellis and support of the stick. In fruit crops, mainly dragon fruit, cherry, mulberry, guava, custard apple and star apple are growing on terrace. She also made home based pesticides and apply on plants to manage different diseases and pest as mentioned during training. She is sharing the photographs of his activity of the terrace gardening. Those fresh vegetables used for the daily consumption and take the healthy and organic food.

