

Ecoville cafe

With passage of time, demand of modern generation people in search of a place to socialize is escalating. A place where people can spend time with their friends, family and colleagues along with some delicious foods to satisfy their appetite is the most popular choice. Moreover if the place is located amidst the natural surrounding and artistically pleasant view, it will be like fortune's shower. A study has shown that more than 80% of population worldwide prefers café edibles over household food and restaurant food during morning and evening time.

The proposed café offers delicious food items with household taste and hygiene. Emphasis has been made to prepare the most aromatic and exotic multi cuisines to become a unique café among the competitor food outlets. The primary concern resolved by our café is the dire reliance on non-renewable energy sources for fulfilling the needs of electrically operated devices. Incorporation of equipments like Solar oven, Solar cooker, Solar stove etc. works either directly on solar rays or on converted electrical energy from solar energy. Ample arrangements have been made for storage of solar energy which can be utilized during night times or on cloudy days so that café functioning isn't halted.

As the theme of café design revolves around the usage of renewable resources, the walls, floor and roof of the café is made up of recycled waste HDPE/PET/EPS plastic. This kind of plastic is the most recycled plastic globally and can be utilized maximum in our proposed theme to conserve the environment. Pleasant as well sturdy and durable structure is built using the properties of plastic as construction material. Secondly, the furniture including Tents, chairs, sofa and tables are made up of recycled HDPE lumber plastic which gives it a look of beautiful wooden furniture and offers comfortable seating. Attraction points for photography and romantic ambience of cafe attracts the youth as vast foot fall.

As the part of Hackathon project where this theme of renewable energy is provided by AICTE, on getting approved by AICTE, the café can be installed in all its affiliated colleges which will bring variety to students' choice of food and generate tremendous revenue from a business point of view. On referring to the case studies of several existing cafes and combining it with our vision, SWOT analysis has been made and the results have shown that the initial investment in the café will be reclaimed in 3-4 years duration, later on which will result into a complete profitable business with minimal expense on energy needs. The cafe will be the one of its kind in the times where entire world is stressing upon comfortable life for present population along with sustainable development and maximum utilization of renewable energy.



Image: 3d Model Of Café

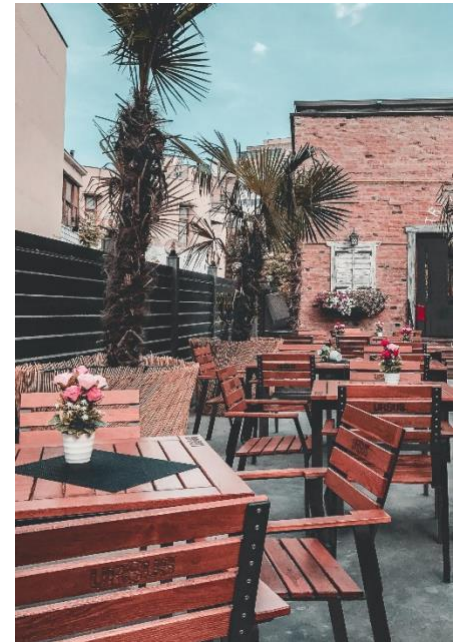
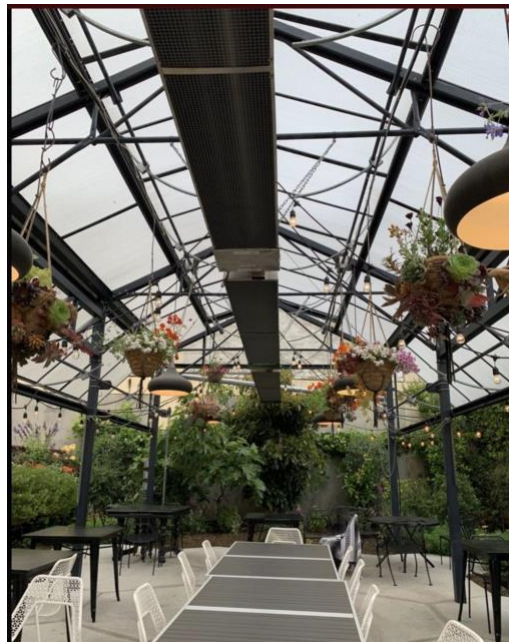


Image: Exterior Of Café