

Impact of Biophilia in Interiors of Future Restaurant's

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Abstract: People are becoming more formal these days, nowadays as most of the people are doing jobs and business, and are very busy they prefer meetings (formal/ informal) in coffee houses or restaurants, and hotels there are huge reasons for this, as people don't get time to go for outings and to be relaxed after job hours, plus they don't have time for arrangements so they mostly prefer to meet outside as it's easy and comfortable. Biophilic Restaurant not only fulfil the need of meeting (formal/informal) but also provide relaxing, nature and stress-free environment to people, not necessary to come only if you want to meet someone but you can also have some quality time spend in reading books or playing some board games, having meal or even in making new friends. Not only metropolitan cities but Not only in metropolitan cities, but also in Indian cities such as Guwahati etc have also incorporated interiors of restaurants filled with variety of themes. Biophilic theme restaurant is perfect for stressed minds to come and relax and to release their stress and go stress free to their homes, after having a healthy conversation with friend or having a business (formal) meeting or a date or having meal etc; biophilic restaurant is perfect in every situation also it gives us nature and fresh theme.

Keywords: biophilic restaurant, Comfortable, Relaxing, meeting feel nature

1. Introduction

"Assume that you are sitting at small and wonderful place just in front of waterfall and smelling like aroma of Lilly flower, and listening to a soothing sound and having a tea with your loved ones", feels refreshing? This is what the concept and ideology behind the topic. So, I want to create a green physical environment with sustainable material and to gives the feel of fresh and refreshing nature inside the restaurant.

The hospitality industries are focusing or shifting to biophilia, interior landscaping or green buildings, demanding of reducing the emission of carbon produce by building due to global warming. Biophilic design is trending design practice by architect, designer and engineer to improve the environment quality of air, water, human health and the mother nature.

Biophilic design can reduce stress, enhance the area of interior and creative way to express the feelings and body language of the human beings are change.

The world population growth day by day deforestation is due to development global warming increasing earth temperature all this done by human beings for their need.

Now a day's people and government are more focusing on to destroy the forest for development and human needs. So, this may disturb the ecosystem. So, we have to save our mother earth we have to create a physical eco system environment with the help of water oxygenated plant, trees, soil and sustainable materials into the building to feel and connect to the nature.

Now engineer, architect, and designer scientist they try to convey all this problem and solve and such way that development is continue growth but without disturbing our mother nature so they start green building biophilic hostility landscaping are growing in everywhere to reduce

the earth temperature and this biophilic design is in trending now due to their green design.

2. Methodology

This paper is following a structure of exploring a research and review on future biophilic restaurant design to contribute to save the global warming and sustainable agenda. In this researches paper I want described or tell why biophilic theme is important for all buildings, restaurant, station, airport, school, urban city etc.

There upon consideration is given to the nature feel performance of suitable sustainable infrastructure and opportunities and the context of restaurant design address biophilic design consideration.

The actual motive is to design a restaurant in biophilic theme to consider as green restaurant and to protect and save the environment. And also provide the forest feel theme within the restaurant. And lastly to show case the offering and plaining for future restaurant design infrastructure provision.

What is biophilic?

In biophilic there are combine of two word "**bio + phallic**" so bio means nature, the study of life and living organism. And **philic**" describes the property of being attracted to something. So basically, biophilic means studies of life and living organism which is create by nature.

What is biophilic design?

Biophilic design concept are widely used by engineer, architecture and interior designer now a days which connectivity of mother nature into the buildings and created physical environment to feel the pure aroma nature into the buildings, with the help of oxygenated plant, water, soil, and sustainable material's and this gives pure

quality of air through every area to build the healthy buildings for human beings and to save the mother earth.

Why biophilic design is important for the future buildings and restaurant?

Biophilic design is important for the building's interior because now a day's people and government. Are more focusing on to destroy the forest for development and human needs. So, this may disturb the ecosystem and to increasing the earth temperature. If this may continue soon everything will destroy in future. So, we have to save our mother earth we have to create a physical eco system environment with the help of water oxygenated plant, trees, soil and sustainable materials into the building to feel and connect to the nature and decrease the temperature and save the earth ecosystem. The biophilic design buildings are also called healthy building.

So above all information I gather and make a thesis project on biophilic restaurant, so I created a such a theme like Mountain river is a dreamy place, not just, for travelers but a non-traveler person can also fell in love with the place in just one view, this is what the magic of the place, putting the nature elements and features with the best combination of two themes. The idea is to provide a multi- tasking space for many uses like formal meetings, friends catch-up, party area, informal meetings and even for spending quality time with yourself, providing a relaxing, comfortable environment and yet fun and enjoyable for people of that area.

Online case study on green restaurant

Name of the restaurant: Earthy hues marry pastels and a vibrant, eco-friendly restaurant emerges

Location: Ahmedabad Gujrat

Owner: Nitin and Rajesh Keshwani

Designer: Saniya Kantawala

Size of the restaurant: 2000-square-foot Founders Nitin and Rajesh Keshwani knew

Brief introduction:

The owner of the restaurant they want to make a green restaurant in Gujrat city Ahmedabad. Make a green plant whole over the interior. The types of restaurant are family cum restaurant. The restaurant is made by sustainable materials. Ahmedabad is a hot city that's why green plant is provided everywhere. The location is very famous for the green restaurant and become a favorite spot for the student and couples. The restaurant gives more natural vibes and more relaxing ambience. Its gives more soothing nature and eye catching, to attract the customers. And the best part is to provided natural ventilation with proper air circulation. The spacious is used like a gently. Good furniture is used. Rugs are almost top qualities are used on the floor. Lighting are used is quite interesting and eye catching. The green lavish are provided to the wall of the interior to feel warm, cozy and nature. All furniture is made by teak wood and customs design. Color of the interior is rustic in nature which feels calmness and soothing the eye.

There are different types of light elements are used in different area which is, Mirror ball light Pendent light Target light etc.

And green plants and color which gives feel like more natural vibes and more relaxing. Each and every zone they choose different color which create real feel of nature. They are used pattern floor and wooden floor for different zone area which creates to feel classic nature them and contemporary nature them.

Above the image there are different zone area for different customers like for couples they used fully green them with wooden furniture which create nature them or perfect for romantic feel.

For step chair this theme is created for friend's zone area for parties, celebration, fun and chill out area. Proper circulation area is used above the image there is no obstacles for walking circulation in between any area. They arranged the all furniture in well and proper mannered.

They separated the area for couples' zone, dinning zone and friend's zone area. To create this biophilic theme in a restaurant to attracted the customers in Ahmadabad. And it is attraction center in Ahmadabad which is in Gujrat. There are lots of hanging plants are used on the ceiling created the physical biophilic theme and make a feel of natures.

Analysis about this biophilic theme restaurant:

Lightening of the whole restaurant are in contemporary and custom design style which create cosy and ambience perfect for couples and friends.

Color of the whole restaurant are in classic mixed contemporary style which gives cool, calmness, and perfect combo with nature. **Flooring** of the whole restaurant are in same as like classic mix contemporary style which is perfectly match with the interior green nature.

Proper **circulation area** is used in the restaurant; there is no obstacles for walking circulation in between any area. That's why feel like spacious. The type of restaurant is family cum couple restaurant. The restaurant is made by **sustainable materials** which is good for the **environment**.

The restaurant gives more natural vibes and more relaxing ambience. Its gives more soothing nature and eye catching, to attract the customers. Everywhere green oxygenated plants are used to clean the indoor air quality and gives fresh air.

Inferences about this biophilic theme restaurant:

Above all the images lightening of the whole restaurant are quite interesting and I can inspire from this image how to handle the lighting and this is very important elements for the interior and I can also use this type of light in my projects. All furniture is made by teak wood and customs

design. So, it infers that a wood furniture is to provide to feel like you are surrounded by nature.

And green plants and green color which gives feel like more natural vibes and more relaxing. Each and every zone they choose different color which create real feel of nature. And I also prefer such kind of plant are used in my restaurant. The whole restaurant is focus on to create a physical environment for the public use. To feel the pure nature.

After the study of this restaurant I can learned about what types of restaurant human needs in this day and what they actually want. This study also known me to people still love nature theme and sustainable material they also need, for to save the nature earth.

Above all the studies I know how to your restaurant is the center of attraction for the customers. And I also used the elements in my restaurant. I can impress and inspired from this restaurant. Everywhere they used green oxygenated plants to clean the indoor air quality.

Benefits of biophilic theme elements over the surrounding

Improve air quality: every person emits more than 2 ton of carbon dioxide a year which is harmful for the indoor air quality but in biophilic design they helped to improve the air quality with this green plant because all plants released oxygen and gained co₂.

They also transpire from their leaves to making indoor air more humidity which is good for the dry room means where air conditioned is present in the buildings. Additionally, plants also absorbed VOC Chemical that is widely used in commercial cleaning products.

Make you more creative and productive: A series of studies from Exeter University conclude that biophilic design is good for the human beings, were 15% more productive the other. Also mentioned that it is widely used in this area like school, workplace, hotels, restaurant, city, etc which is good for the future and present also. And this plant gives good and more energetic surrounding as compared to other design.

Helps human stress, and improve mental well-being: stress is also causing both mental health and cardio problem according to WHO (World health organisation).

Studies also proved that our body system is connected to nature theme. These Two systems are present in our body sympathetic and parasympathetic system. These two systems are work according to our body behaviour. So biophilic theme is release human stress and also improve mental health.

Feel healthier and happier: its surprisingly biophilic theme make us feel in more positive frame then other theme because this theme is not getting old day by day it becoming more beautiful theme created over the surrounding. And feel fresh, happy and healthier.

Forever attracted theme long lasting and beautiful ever: the biophilic theme is attractive than the other theme. You are surrounded by green nature and natural light. And this theme created forest like structure over you surrounding which feel fresh and healthier. It is also sending a powerful message to the current world to fight against global warming with the green environment elements. So, keep always prefer green theme add in your design.

3. Conclusion

This research paper is represented about biophilic design is more important the other theme elements. In this research we can learn so many things why biophilic is important for now a day and for the future also. This biophilic design elements is fight against global warming, also fight against harmful chemical. This is the only theme which emits oxygen rather than carbon dioxide.

This theme is giving green nature to your surroundings. its surprisingly biophilic theme make us feel in more positive frame then other theme because this theme is not getting old day by day it becoming more beautiful theme created over the surrounding. And feel fresh, happy and healthier.

And green plants and green color which gives feel like more natural vibes and more relaxing. And I also prefer such kind of green theme are used in my restaurant. The whole restaurant is focus on to create a physical environment for the public use. To feel the pure nature. Also, the biophilic theme is attractive than the other theme.

You are surrounded by green nature and natural light. Feel healthier and happier its surprisingly biophilic theme make us feel in more positive frame then other theme because this theme is not getting old day by day it becoming more beautiful theme created over the surrounding. And feel fresh, happy and healthier.

World population growth day by day deforestation is due to development global warming increasing earth temperature all this done by human beings for their need. So, we have to save our mother earth we have to create a physical eco system environment with the help of water oxygenated plant, trees, soil and sustainable materials into the building to feel and connect to the nature.

In this Research paper I also learned that plant also transpire from their leaves to making indoor air more humidity which is good for the dry room means where air conditioned is present in the buildings. Additionally, plants also absorbed VOC Chemical that is widely used in commercial cleaning products and plant also gives us cool climate within the interior during the summer time.

So lastly, I would like to say that the Impact of Biophilia in interiors is beneficial for the future restaurant buildings urban city. Etc. and also safe for the environment.

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