

Impact of Interior Landscape In Residence

Chavi Gautam^{1*}, Diksha Gupta^{1*}

¹Department of Design, Vivekananda Global University, Jaipur, 302012

ABSTRACT

It is known that interior landscape or nature is beneficial for the human health as we have already practically examined that in Covid duration, but still most of us are ignoring the interior landscaping. This paper covers the importance of interior landscape in residence, defines how interior landscape also plays an important role in interiors. It adds aesthetic values to interiors and improves the living quality of people and provides benefits to humans. Based on the importance of plant landscape in modern interior design, an in-depth analysis of the current research status of plant landscape in interior design and the main application form, so that plant landscape in interior design can be widely promoted and applied, providing a higher quality of life for more people with a good living environment. The paper also focuses on the role of Designer and Architect to promote green spaces. The research project wraps up with a collection of design guidelines that may be used when creating spaces where indoor gardening is an important aspect of the overall design.

Keywords: Aesthetic, Design Elements, Interior Landscape, Psychological Effect.

1. INTRODUCTION

The act of planning, introducing, and keeping up with plants and biophilic parts inside structures is known as Interior Landscaping. Inside finishing or inside arranging are terms utilized by industry experts to portray this assistance. Each of the parts introduced in an interior, like goods, crafts, and furnishing are alluded to as "Interior Landscape." The beauty of the plant itself, including its color, shape, and fragrance; it is through the plant combined with the indoor environment properly, naturally configuration, from the aspects of color, shape, texture, and so on to produce bright contrast, to form an appealing atmosphere.

On the other side, it has the ability to filter indoor air and regulate microclimate. Modern research has demonstrated that greening serves an essential ecological role. Good indoor greening may filter the air, alter the temperature and humidity, and be helpful to human health. Plants absorb carbon dioxide during photosynthesis in order to evaporate it and release oxygen [1]. Interior landscaping assists with establishing a charming climate for individuals and structures. They are additionally used to bring tone and light into spaces. As indicated by the Public Place for Wellbeing Insights, indoor scenes can assist with bringing down pressure and

work on an individual's state of mind. They can likewise sift through hurtful contaminations, like carbon dioxide. Making green spaces using plants is a promise to practical structure procedures. It can assist with bringing down air contaminations and keep a cool temperature in open regions. There are a lot of ways of coordinating plants into the home, like residing walls with plants. You can likewise make little wellsprings and plants in living regions [2].

2. LITERATURE REVIEW

Ming [2017] [3] explained the persistent advancement of society, economy and science and innovation, more also, more individuals are chasing biological turn of events and energy saving method of life. The broad utilization of green plan idea has become one of the patterns in inside plan. Individuals in the inside plan increasingly slanted to utilize the force of nature, decrease the hindrance and obliteration of the climate.

Dash [2018] [4] explained that the landscape adversely affects the human brain research however to what degree it has not been sorted out. The paper centers around the investigation of the effect of green space and its impacts on human brain research. It accentuates on the angles that are affected by consolidating green design inside the inside space and to what degree. The paper likewise manages the different sorts of interior landscape and how it can be coordinated inside a design to upgrade the spatial experience and make a positive effect on human way of behaving. The paper finishes up with a bunch of plan rules that will be helpful in planning spaces where interior landscaping is a fundamental piece of spatial plan.

Samimi [2020] [5] Various parts of the house have distinct preferences. In general, plants with a lot of greenery and flowers are chosen, but tall foliage plants with wide leaves are not. Furthermore, the influence of green areas in residential complexes on the IG preferences of residents was investigated. In terms of 'plant color,' 'leaf size,' and 'plant kind,' the results indicate an important difference between the residents of the two complexes. The research findings may be used by interior designers and landscape architects to expand the use of green space in residential complexes.

3. RESEARCH METHODOLOGY

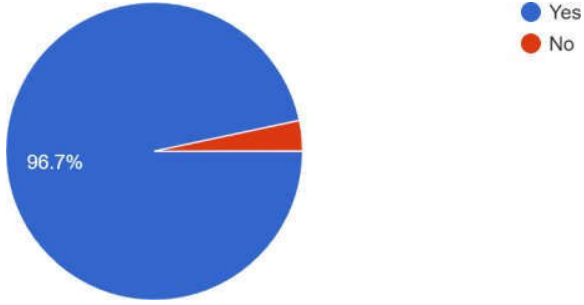
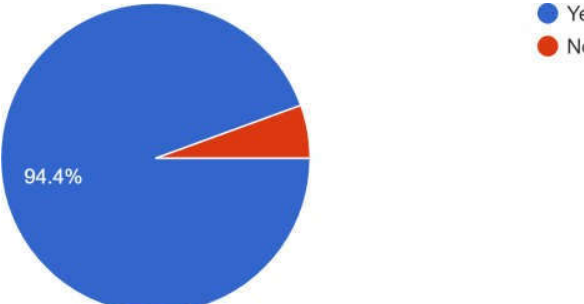
This study describes and analyze the behavior of the consumers towards Interior

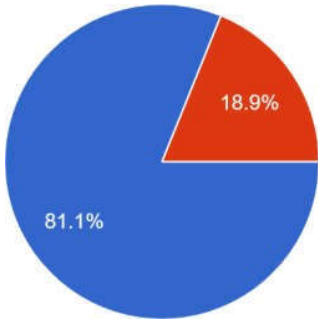
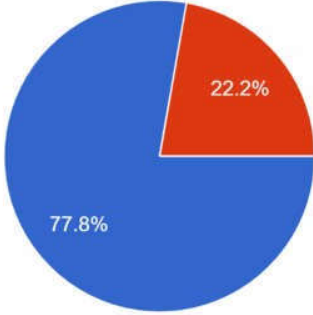
Landscaping. It analyses the behavior of consumers and impact of interior landscape. The data is collected through primary and secondary sources. The data is collected using a well-structured questionnaire. The questionnaire mainly focused on the variables like, demographic profile, effects, attitude, behavior, problems and satisfaction towards Interior Landscape. Convenient sampling technique was used in the study to collect sample of 100 customers from Jaipur City, Rajasthan. The data was collected through questionnaire from the respondents and analyses with the help of Frequency and percentage.

4. RESULT

Survey was conducted to a sample of 100 respondents. This survey is attempted to understand people perspective and experience because of plants.

Table 1: Shows the survey analysis of people perspective and experience because of plants.

OBJECTIVES	RESULT	INTERFERENCE
Respondent on the basis feel visually comfortable or relaxing due to Plantation.	 <p>A pie chart with a legend. The legend shows a blue circle for 'Yes' and a red circle for 'No'. The chart shows a large blue slice representing 96.7% and a small red slice representing 3.3%.</p>	Reveals that majority of respondents feels visually comfortable due to the plantation.
Respondent on the basis of the observing enhance air quality.	 <p>A pie chart with a legend. The legend shows a blue circle for 'Yes' and a red circle for 'No'. The chart shows a large blue slice representing 94.4% and a small red slice representing 5.6%.</p>	Result shows that the majority of respondents feel good air quality because of plants in their space.

<p>Respondent count on the basis of the observing decrease temperature & increase sound absorption due to plant.</p>	 <p>● Yes ● No</p>	<p>This shows us that majority of the people noticed decrease in temperature and good sound absorption due to plants</p>
<p>Distribution of respondent on the basis of observing that the plants are enhancing aesthetics.</p>	 <p>● Yes ● No</p>	<p>Result of the survey shows that majority of people agree that plant add aesthetic value in residence.</p>
<p>Distribution of respondents on the basis of feeling stress free due to plants.</p>	 <p>● Yes ● No</p>	<p>Result of the survey presents that majority of the respondents feel stress free due to interior landscaping.</p>

5. DISCUSSION

Among 100 respondent’s majority of people i.e., seventy percent respondents feel positive changes in their interior dueto plants.

Ninety-Six (96.7) percent feels visually comfortable in interiors due to interior landscaping.

Ninety- four (94.4) percent respondents feel good air indoor quality due to interior landscaping

Eighty -one (81.1) percent people feel decrease in interior heat even which is produced by materials is also decrease due to interior landscape.

Seventy (77) percent people feels stress free due to plants in their interiors.

6. DATA ANALYSIS

From the data that has been collected an analysis can be drawn to create the guidelines necessary to create a good indoor landscape. The results from this survey conclude that there is a relationship that exists between users and their sense of comfort, physically and mentally both. Indoor greening design is a modern interior design that is oriented towards sustainable development. With people's living standards constantly increasing and awareness of the environment growing, interior greening design will become increasingly important [6].

There are some key main features of design, which is consider while designing the interior space and incorporating the plants in it [3].

6.1. Design rooms with an impression of nature

To promote the complete sense of relaxation inside a place, a comparable equilibrium must be developed indoors, taking into consideration the variety of greenery in nature. Therefore, it is important to choose plants carefully, make sure they are suitable for an indoor environment, and make sure they have the highest aesthetic value possible.

6.2. Developing a view

It is not needed to ignore the façade just because there is landscaping within the building. The inside and exterior must be integrated with care in order to showcase the horizon outside and create an aura of calm and ease while the user looks out. Additionally, it creates a sense of security.

6.3. Incorporate shadow and light to provide interest

By intensifying the colors already there, light may help make the surroundings more vibrant. Playing with light may create interesting forms, and if done well, this will increase curiosity. Light has long been linked to warmth, so experimenting with it while creating a place will help it come across positively. The subtle use of shadow that plays off the surrounding foliage will also attract curiosity and inspire admiration.

6.4. Application of natural material

The use of locally accessible natural materials provides a sense of comfort since it lessens the influence of nearby man-made objects and subtly changes our minds into a passive relief state.

Natural materials also have a draw of their own that instantly infuses the environment with a sense of coziness. Utilizing local material also provides consumers a very local sensation, such as a sense of tranquilly.

6.5. Organic fragrances and smells

The inclusion of indoor landscaping contributes to the spread of a natural perfume throughout the interior and awakens the sense of smell, enhancing the user's experience. The user is assisted in identifying the space's distinctive fragrance and connecting it to a natural setting by the modest indication at scent stimulation.

6.6. Adding color

The use of color in the various landscape components contributes to the structure's harmony and helps give the area a unique character. Color schemes may be created and modified to satisfy the needs of the place.

6.7. Cooling Comfort

Interior landscaping also provides cooling comfort, which helps to maintain the building's general temperature.

7. CONCLUSION

In the advanced world, individuals are getting changed in accordance with quick going, innovation actuated lives also, ways of life are evolving. To stay aware of this reliable evolvement of system such thoughts ought to be a piece of a designer's manner of thinking in the primer phase of any plan. There should be spaces where individuals can come and enjoy some time off from their quick moving lives and sit and ponder upon themselves. These conduct determinants ought to be controlled in such ways of blending with the requirements of current spaces to configuration upgraded spaces in the future. It is the key responsibility of Designer and Architect to incorporate green space in their design and provide special areas of landscaping in residential space. Either in the form of vertical garden, green wall, soft scaping, hard scaping etc. Terrace gardening and other interior landscaping is an intriguing difference in work for youth at the end of the week. Interior landscaping gets the fulfilment of decreasing contamination of the city to a little degree. A terrace garden can be a decent spot for morning activity and meeting with companions in the evening or it can be your relaxing

spot during your hectic working hours. Terrace gardens last longer than conventional roof. Thus, Interior Landscaping increasing the living quality of residents and improves their psychological health. It is adding textures, creates aesthetics value in interiors, adds live spaces in your interior planning.

REFERENCE

- [1] Wang, J. (2016, January). The application of plant landscape in interior design. In *2016 2nd International Conference on Education Technology, Management and Humanities Science* (pp. 1-8). Atlantis Press.
- [2] Medha, M., Lavanya, T., Sunandini, G. P., & Meena, A. (2022). Terrace Gardening: A Sustainable yet Economic Approach. *International Journal of Environment and Climate Change*, *12*(10), 925-932.
- [3] Ni, M. (2017, June). Research on Application of Green Concepts in Interior Design. In *2017 2nd International Conference on Education, Sports, Arts and Management Engineering (ICESAME 2017)* (pp. 1328-1331). Atlantis Press.
- [4] Dash, S. P. (2018). Behavioural impact of interior landscaping on human psychology. *Int. J. Civ. Eng. Technol*, *9*(2), 661-674.
- [5] Mousavi Samimi, P., & Shahhosseini, H. (2021). Evaluation of resident's indoor green space preferences in residential complexes based on plants' characteristics. *Indoor and Built Environment*, *30*(6), 859-868.
- [6] Li Lairong. Indoor foliage and decoration [M]. China forestry publishing house