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### **Interior Design of Villa Standard Room Kastuba Resort Lembang, Bandung**

We are pleased to inform you that your submission is **Accepted** for presentation in **International Conference on Economics, Business, Social, and Humanities (ICEBSH) 2022** will be held online on March 23 – 24, 2022, using a video conference platform. This Paper will be electronically published in the ICEBSH 2022 Proceeding, after being reviewed and approved by our Publisher (Atlantis Press Publisher).

Thank you very much for your attention.

Jakarta, March 08, 2022

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# Interior Design of Villa Standard Room Kastuba Resort Lembang, Bandung with Part of Nature Concept

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## ABSTRACT

Visiting places that offers beautiful sceneries are commonly done by humans with the aim of seeking tranquillity and pleasure. Nevertheless, it is important for hospitality industries to offer a good accomodation to support the demands and needs. Kastuba Resort Lembang in one of the lodging accommodation which provides mountain scenic along with the breezy weather of the Lembang area. Designing its standard bedroom by applying a design that is centered at the concept of "Part of Nature". This idea implements natural elements into the design space to create a bond with the surrounding mountain environment. Taking inspiration from what is already available in nature and appeal it to the area of design to further maximize the bond with the environment. Supported by the careful selection of natural colors and material choices such as wood, stone, bamboo and rattan, this design practice has an end goal of creating a comfortable and warm room for people to enjoy during their vacation. The implementation goes through a process that begins with conducting a literature study which is then followed by analyzing activities and facilities that is needed by users of the area. The final result is a space design that has a bond with nature.

**Keywords:** *Design, Kastuba Resort, Nature, Villa Standard Room.*

## 1. INTRODUCTION

Humane activities of travelling to places that are surrounded by nature or forests have been proven to be able to help improve people's level of mental health, bring peace of mind and other good benefits [1]. One of the places near Jakarta that offers a beautiful mountain scenic is Lembang, Bandung.

In West Bandung Regency Regulation No. 12 of 2012 concerning the spatial planning and area of West Bandung Regency 2009-2024 in Chapter 1 Article 1 provision No. 54, West Bandung Regency tourism area is a large area that was built or provided to meet tourism needs, including guesthouses, restaurants, cafes, resorts, tourist markets, and other similar activities. Hence, it has great potential to be an alternative for tourists as a place to stay and do recreational activities [2].

Based on the data that is gathered by Bandung Central Statistics Agency, it shows that the Lembang area has an increasing number of visitors every year, both from

domestic and international tourists [3]. This proves that Lembang has an increase in the tourism market and needs to provide good accommodation to harbour tourists.

Kastuba Resort is a one of a kind private lodges resort in Lembang, Bandung. Established in 2014, Kastuba Resort is a 3-star mountain resort accommodation.

To meet the relaxation needs of users, then interaction with nature is a solution that will be applied in the design. Including natural elements either directly or indirectly will be very influential in reducing blood pressure and lowering heart rate in the immediate environment. The application of this concept uses materials, colors, and natural lighting elements that aim to make users relaxed [4]. The following will be discussed further about the results and discussion of the design.

## 2. METHODS

In order to get a design solution, the method used in this design process is based according to the explanation from Kilmer [5], namely:

1. Programming Stage
  - a. Collecting data through literature study about resort designs and field studies to site location to do interviews, observation and documentation data.
  - b. Identification of problems, including aspects of users, which are humans, buildings, spaces and the environment.
  - c. Analysis stage of problems, including aspects of users, which are humans, buildings, spaces and the environment.
  - d. Concepts in the form of evaluations and conclusions obtained and developed in the form of design concepts with 3 dimensional final results.
2. Space Planning Stage, which includes spatial planning, sectional drawings, floor plans, ceiling plans, electrical plans and perspective drawings.
3. Design Decision Stage, which includes fully rendered layout plans, perspectives, material and colour schemes, furniture schemes and axonometry of the design space.

### 3. FINDINGS AND DISCUSSIONS

In this study, the rooms chosen as the appropriate examples were the villa standard room of Kastuba Resort since it is a place where tourists spend most of their time during their vacation.

The layout concept in this space is focused on the direction of the view of the room that leads directly to mountain scenery which is also part of the adjustments to the overall theme “Part of Nature”. The spatial arrangement is transparent or open with the use of large glasses to allow guests to enjoy the beautiful views that are present in the area.



**Figure 7** Layout Plan Villa Standard Bedroom  
(Celine Rei, 2021)

In their research, Orians and Heerwagen (1992) stated that a pleasurable sight is looking at a slope that includes plants, shady trees, animals, people’s environment, and rapids’ running processes. [6]

#### C. Design Concept

##### i. Design Image

Based on the analysis of data that has been collected through various sources, a conclusion can be drawn that the image that can represent Kastuba Resort as a whole is natural, traditional, exclusive, open and exotic.

##### ii. Design Themes

The theme that is applied in the standard villa bedroom of Kastuba Resort is based on the idea of “Part of Nature”, which in its design application, there is a sense of unity or that the space is part of the surrounding nature. The use of this theme is motivated by the root cause of visitors visiting the area which is to rest and refresh. By creating a bond with the surrounding environment, this theme and design has a goal to maximize a comfortable stay experience for visitors at Kastuba Resort.

##### iii. Character, Style and Atmosphere

The character and style used in this design is natural by using natural elements that are applied in furniture such as rattan, bamboo and wood. In accordance with the design image, the atmosphere applied in the space is an open, comfortable, warm and relaxing area.



**Figure 8** Material scheme  
(Celine Rei, 2021)

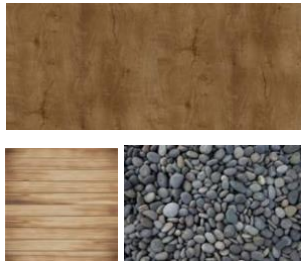
The colors that are applied in the design were inspired from nature itself such as green that serves the impression of refreshment as they are identical with nature and plants that can provide a sense of security, balance and harmony. It can also bring a feeling of peace and tranquility (Wolfard, 2020) [7]. This is correlated to the design experience that wants to be created in this project.



**Figure 9** Color Scheme  
(Celine Rei, 2021)

#### iv. Space Elements

Floor area of the bedroom uses material that is made out of shore woods which can stand various weather conditions since this must be taken into consideration based upon Lembang area climate that tends to be humid. Floor patterns also often are differentiated to be used as a 'space divider' [8]. In the bathroom area, the ground uses materials such as natural stones and wood deckings.



**Figure 10** Bedroom and Bathroom floor material  
(Celine Rei, 2021)

A wall is a vertical plane that is used as a barrier between spaces and has different processing purposes [9]. In the bedroom area, the material applied still uses wood in order to create a good space visual flow from the ground up. Meanwhile, the bathroom area uses natural stone materials that are combined with beige coloured marble to neutralize the overall room tone.



**Figure 11** Bedroom and Bathroom wall material  
(Celine Rei, 2021)

Ceiling in the bedroom area is made out of wood materials with the addition of an up-ceiling design to elevate the overall room

design. The traditional feel to the space is then applied through the use of woven material in the up-ceiling area.

Bathroom ceiling is covered with wood decking and tempered glass ceiling to allow light to pass through into the area.



**Figure 12** Bedroom and Bathroom ceiling material  
(Celine Rei, 2021)

Furniture is made out of various forms yet it is important for it to stay functional. The design space is filled with items that are made of natural materials such as woods and bamboo. Most of the furniture uses the standard adult sizing to provide comfort for visitors.

Air circulation system uses no artificial ventilation. Aside from the fact that Lembang has a breeze weather all day round, exposure to sounds heard, and natural scents that are felt is proven to be a physiological recovery in the aspect of relaxation which can help increase the design experience for users of the villa standard room of Kastuba Resort.

The use of plants, rocks, and woods that is applied give a warm impression as a form of mood recovery in relaxation.

The lighting system in standard villa bedroom Kastuba Resort uses both natural and artificial lighting (LEDs). The entry of sunlight is maximized through the windows in all of the areas especially during daylight. This natural lighting system provides a natural atmosphere in the designed space. Natural light is a safe and clean light source. Light allows people to perceive the size, shape, and colors, etc., and form a comfortable visual, work and living environment. [10]

#### v. Visualisation

The final visualisation of standard villa bedroom Kastuba Resort interior design are the following:



**Figure 16** Layout Villa Standard Bedroom  
(Celine Rei, 2021)



**Figure 17** Perspective 1 Bedroom Area  
(Celine Rei, 2021)



**Figure 18** Perspective 2 Bedroom Area  
(Celine Rei, 2021)



**Figure 19** Perspective Bathroom Area  
(Celine Rei, 2021)



**Figure 20** Section Bedroom and Bathroom Area  
(Celine Rei, 2021)



**Figure 21** Section Bedroom Area  
(Celine Rei, 2021)



**Figure 22** Axonometry Villa Standard Bedroom  
(Celine Rei, 2021)

#### 4. CONCLUSIONS

Kastuba Resort is one of the lodging places in the mountainous area of Lembang, Bandung. The design concept implements a theme of Part of Nature which applies many natural elements such as wood with its natural finishing, natural stones, rattan and bamboos. From the application of this concept, a design that has the impression of unity with the natural surroundings is produced. This design also aims to optimize the comfort of tourists and support their recreational activities while reflecting the local wisdom of Kastuba Resort.

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