

## Eco-accommodation in Wildlife Resorts

Sarang Pawar<sup>1</sup>, Saiprasad tanagdaliwar<sup>2</sup>, Shubhankar Bujone<sup>3</sup>, Jagdish Patil<sup>4</sup>

<sup>1,2,3</sup>student, Dept. of project construction management (MBA), MIT College of Management, Pune, Maharashtra, India

<sup>4</sup>student, Dept. of project construction management (MTECH), MIT College of Management, Pune, Maharashtra, India

\*\*\*

**Abstract** - Designing recreational environment for integration of human and Wildlife in the organic form To create awareness about Wildlife. Wildlife resort is an environmentally friendly accommodation aiming to promote eco- tourism and green living through the use of renewable energy sources, recycled materials, and organic locally-sourced produce. Its range from comfortable to ultra-luxury and offer a wide range of safari based to give more information about our Wildlife and give feeling of nature. The wildlife resort stands tall among the resorts due to its responsibly designed accommodation facilities. The resorts will teach us a new way of exploring and admiring nature without disturbing its balance. And creates very close relationship with the forest and Wildlife, the main objective of this proposal is to design Re-creative WILDLIFE Resort. For the promotion of internal and external tourism there is need of promote local as well as national economy.

**Key Words:** Use of eco-friendly material, wildlife resort, use of mud instead of concrete in construction...

### 1. INTRODUCTION

Wildlife resorts in India are popular among those who wish to have rendezvous with nature and natural beings but at the same time do not want to compromise on the comfort factor, owing to its amazing topographical diversity, India is home to an array of flora and fauna. An array of National Parks and tiger reserves in India attract near about 1,00,000 of tourists and naturalists from across the globe every year.

Wildlife resort comes under Wildlife tourism, also known as eco-accommodation or Wildlife attractions. They preserve and restore native habitats. Wildlife tourism, in its simplest sense, is watching wild animals in their natural habitat. Wildlife tourism is an important part of the tourism industries in many countries. It has experienced a dramatic and rapid growth in recent years worldwide

Wildlife resorts in India are the welcome retreats for those who wish to deep research of Indian forests without doing away with the comfort factor with their rustic look aptly complemented by the natural surroundings and state of the art amenities.

Designing recreational environment for integration of human and Wildlife in the organic form, to create awareness about Wildlife.

WILDLIFE RESORT is an environmentally friendly accommodation aiming to promote eco- tourism and green living through the use of renewable energy sources, recycled materials, and organic locally-sourced produce. Its range from comfortable to ultra-luxury and offer a wide range of safari based to give more information about our Wildlife and give feeling of nature.

### 2. OBJECTIVE

- The wildlife resort stands tall among the resorts due to its responsibly designed accommodation facilities. The resorts will teach us a new way of exploring and admiring nature without disturbing its balance. And creates very close relationship with the forest and wildlife,

- The main objective of this proposal is to design re-creative wildlife resort. Promote tourism ultimately promote local as well as national economy through the promotion of both internal and external tourism.

- Study about the materials

### 3. NEED OF THE WILDLIFE RESORT

The increased urbanization at all the places had made a man busy and fast moving the need of common man made him to earn more to acquaint such needs more earning means to work more naturally and has to work for more hours of day and lives less leisure time. The person living beyond some limit has impact on his productivity and produces less. This has been introduced in early stage.

Industrialization spread into every part of society and more people were attracting towards industries and other similar criteria. Due to increase in population and commercial administrative. The forest area is decreasing and the Wildlife gets affected and to create awareness of this it is important to tell people about Wildlife and create relation between Wildlife and human being to give more information about our Wildlife and give pure feeling of nature.

### 4. LIMITATIONS

The limitations are, it will not focus more on social survey, research, as this is an academic project, and this does not fall under the primary constraint. The research is concerned in built form so; there will be limited research and study on feasibility of research and detailed site suitability will not be

analyzed. The research will not focus on structural analysis of built structures of resorts, although structural consultation will be made and it will not be sufficient.

The researches will not covers all the details related to green design incorporated, though research will be made and required level of detailing will be done to meet the architectural requirement. Detailed environment assessment will not be done due to limitation of knowledge in this field and it is not our primary focus. However, some impact will be analyzed.

Ecotourism does not necessarily mean sustainable tourism. Rather it is a term that is often used by operation as a marking tool to promote a product that is perhaps based in a pristine, rural setting or an authentic cultural environment. It does not mean that the product is sustainable in terms of its impact on local community livelihood and resources.

## 5. METHODOLOGY

1 – Introduction About Topic

2 – Data Collection

– Primary

- i). Questionnaires
- ii). Anthropometric Data
- iii). Live case Study

– Secondary

- i). Net Case Study
- ii). Book Review
- iii). Literature Review

3 – Analysis and inferences

- Requirement
- Site selection

4 – Design criteria and concept

5 – Design Proposal

## 6. LIVE CASESTUDY

Wildlife retreat resort

### INTRODUCTION

Type: wildlife resort, eco luxury resort,

Location: bandipur national park, masinagudi, tamilnadu

Site area: 21 acre

Established on: 1996

Built-up area: 1800 sqm.

Masinagudi is situated at foot hill of Nilgiri Mountain

## 6.1 Locality and Linkages

WILDLIFE RETREAT resort located within the area of 21 acres in Bandipur National Park. Surrounded by some of the region's most Spectacular Landscape, rich with Protected Wildlife and filled with experiences of traditional Amenity. is a secluded haven, where Both Leisure and Individual Travelers Are Assured Privacy within the tranquility of the wildlife.

255 km drive from the Bangalore city

105 km drive from Mysore.

30 km drive from Ooty.

Distance from Coimbatore Airport: 128 km (approx.)

Distance from Ooty Railway Station: 35 km (approx.)

## 6.2 About Resort

WILDLIFE Retreat is a combination of wilderness, serenity and comfort appreciated by travellers from across the world. , they insist visitor to live in close proximity to the jungles of Tamil Nadu. Nestled in the foothills of the Nilgiris and skirting the Mudumalai Wildlife Sanctuary, wildlife Retreat was born of this close bond with our surroundings.

They come a long way since their beginnings in 1996. they offer accommodation in country-style cottages with sprawling private verandahs that afford spectacular views of receding mountains and tropical jungles.

## 6.3 Site Consist Of

Admin + Library, Restaurant, Kitchen, Tree House, Swimming Pool, Play Ground. Delux A.C - 5 No, Villa - 1 No Tree Hous- 1 No, Standard Suit - 5 No, Standerd Suits -2 No, Dormitary - 1 No

## 6.4 Nearby Area

Madhumalai Wildlife sanctuary

Bidapur nation park

Elephant training camp

Ooty hill station

Mysore City

Moyar water fall

## 6.5 CLIMATIC CONDITION

- 15 °C to 35 °C is an average temperature throughout the year.

- Summers are warmer (but not really hot) with the temperature around 35 °C to 40 °C and winters are slightly cold with temperature dropping not lower than 10 °C.

- This national park receives rainfall from both southwest and northeast monsoons. Rain showers on this land during April to June and October to November.

## 6.6 FACILITIES AND AMENITIES

- Activities: Guided WILDLIFE and Bird watching Safaris, Nature Walks, Wildlife Drives, Elephant Riding And

- Spa Block: Steam, Massage Rooms, Swimming Pool & Relaxation area.

- Other Facilities:

2 Staff Accommodation

Outdoor sitting

Wildlife safari

Playground

Restaurant

## 6.7 LOUNGE FACILITIES.

Bar, rose wood sitting ,and table ,hanging lights create an ambience at night

## 6.8 RECEPTION & RESTAURANT

Admin + library, restaurant, kitchen, mini bar, utility, control room.

Reception and restaurant are combined it has slopping roof .

All the chairs and tables are made from wood and bamboo.

Large opening (semicircular arches) leading to the inside sittings

## 6.9 DETAIL OF CONSTRUCTION

It is wooden + load bearing construction.

Mud is used as construction material.

It has sloping roof, on that has applied local Mangalore tiles to give traditional look.

As a form of landscape & pedestal movement paving stone block and tile are used.

## 6.10 PLANNING ASPECT

It has linear types of planning.

Linear form of planning is better to occupy the site area.

This types of form do not keep negative space.

Chalets having a balcony with open sit out

Used of traditional Material and ecofriendly material.

Linear form maintains the privacy

Sloping and extended roof avoid the water enter inside the room.

Local architectural style has been adopted by using pitch roof and teak wood.

Wood flooring has been used to maintain the passive cooling  
Wooden cladding, Mangalore tile, stone flooring more ecofriendly.

## 7. CONCLUSIONS

It is designed adjacent to Masal lake which gives view and provide cool breeze

It has linear planning no appropriate vegetation.

The space has been not being properly utilized.

It has lack of recreational space.

## MERITS

It is linear planning to maintain the privacy

All the zone has been separated by means of pedestal pathway.

Having direct view of MASAL lake form villas

## DEMERITS

Wide range of area has lack of space utilization.

Having scarcity of recreational area.

No enough security.

## REFERENCES

- [1] Wikipedia of eco accommodation and eco-tourism.
- [2] An article by Kunvar Pal Singh (<http://resort.ezinemark.com/wildlife-resorts-in-india-luxurious-accommodation-amidst-ferocious-jungles-190fb55e7b2.html>).
- [3] Case studies of resorts (jungle retreat, wind flower, tiger paws, etc.)
- [4] Indian Wildlife Resorts for Excellent Vacations. (nature magazine)