

Designing Residential Furniture

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Abstract: *The importance of designing furniture, understanding its principle of design i.e. proportions, balance, symmetry. The ergonomic study of furniture is the most important part in furniture designing. Charles Rennie Mackintosh (1868-1928), Frank Lloyd Wright (1867-1959), Le Corbusier (1887-1965), Marcel Breuer (1902-1981). The impact of ergonomically designed furniture on residence influences many segments, which enhance the design, ambience of interiors, using different materials in furniture design gives affective design.*

Keywords: design, furniture, residence, aesthetic, different material study

1. Methodology

First, a literature study about why there is a need for ergonomic designed furniture? Is furniture only be designed with wood?

Second, done various case studies to grab the knowledge about furniture, its need according to need and design to make it more effective.

Third – after collecting data from case studies, designing of furniture was in its initial phase, where each and every furniture was focused and changes went side by side as interior of residence.

Fourth – getting material details, labor required for the execution of design. Fifth – 2d plans, elevations and 3ds drawing with render showing requirement of design Seventh – compiling all the data and making it presentable.

2. Introduction

Furniture designed on ergonomics is most recommended and preferable for the human body. The main motto of designing furniture on ergonomics is to give comfort and proper body posture. Furniture is a basic requirement of one's day to day life in residence which includes Bed, wardrobe, dressing table, chair, sofa, TV cabinet etc.

Furniture has certain uses depending upon particular area, function and use. Using multifunction furniture becomes beneficial, for areas with less space. Material for furniture can be chosen on grounds of design, use. Trending material in the market for furniture is metal, mdf /hdf / new board. particle wood, stone, lacquer, glass, metal. Wood is the most used basic material used in furniture design.

Furniture designed in residence

- 1) **Parent's Room-** Wooden bed with multi functioning side bed. Material wood, laminates and leather.
- 2) **Grand Maa's Room -** As per client's requirement, room theme is white with furniture. Wooden bed with Back panel and wardrobe with laminates.
- 3) **Living Room-** Room theme based is aquas i.e. blue and white. Tuxedo style sofa with coffee table designed with metal.
- 4) T V cabinet wooden shelves finished with laminates, white laminates.
- 5) **Bhaia Bhabhi Room-** Room designed to give a feel of

fresh, using fully cushioned bed with ottoman, study table and bookshelf. giving a new look in design.

- 6) **Parteek Room-** This is a client's room which is totally wooden using veneer and laminates with lighting shelves.

3. Conclusion

Concluding my study under guidelines of sir **ARC. Hargurjeet Singh**, following single details, clients requirement and fulfilling the ideas and exploring more in material and learning to use furniture with different materials.