

Design of a Compact Modular Kitchen Unit for Indian Urban Households



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Abstract:

In the world of modular design, style and comfort is something people look out for. Everything is expected to be handy, safe and appealing. When it comes to kitchen the layout of the kitchen, the cooking area, storage of vessels and access is the important aspect and more than cooking the appearance is the prior expectation. Hence modular kitchen are in trend in cities. The compactness of the kitchen cabinet, style and number of compartments holds make customers to differentiate what exactly they want and where it has to be according to their usage. Rather than spreading the utensils and keeping it in a mess, the style of modular cabinet is more adaptable.

A compact modular kitchen is designed to ease the space utilisation and to provide better cooking are and storage place. The modular kitchen unit has a set of cabinet drawer units to store thali, cutlery, cup and saucer and multi-purpose with a cutting unit and upper glassed unit for glassware.

A full scale 1:1 prototype of the compact modular kitchen was manufactured with the help of readily available parts in the market and user feedback was obtained to validate the design and results were positive and the users were satisfied with the work done.

