

## **MODULE 7:**

### **CARPORT TO ENCLOSED GARAGE (WITH SHOWER AND KITCHENETTE) COVERSION**

1. For the modification it is required to have accurate technical data available. The technical data such as:
  - a. Type of material used for flooring
  - b. Electric lines (underground) and points in the carport
  - c. Water Pipes layout (under the floor)
  - d. Sewage lines under the carport, if any

The availability of checked technical data during PCA and FCA confirms that the information is correct and hence while doing modification the exact locations of these structures /items are known which can help in great extent for planning construction of Garage and kitchenette.

The exact layout of the water pipes will help in deciding on where the sink and shower can be located or how it can be connected.

Similarly, the presence of information of electric cabling will help in redesigning of the carport as garage by reusing the existing electric points or modifying based on where wires are laid.

The accurate material which was used for construction of carport is required for decision making that whether the flooring need to be redone or same flooring can be used for garage.

If PCA/FCA is not conducted then there is a probability of electric lines/pipes etc. being laid at different location leading to requirement to redo full carport to construct the garage.

### **EARLY DESIGN STAGES**

If the future growth/expandability requirement would be considered at the early design phase of the carport, it would have helped a lot in reducing the cost and time at later stage.

The pipe lines, electric wiring, sewage lines etc. can be planned to be laid in an optimal manner during the early design phase so that future modifications cost can be reduced through reuse or minimal change.

Even, the flooring type and material can be decided to be of good quality for reuse in future.