

## Village level Shelter Monitoring Committee Orientation

**Venue:** SIFFS training centre

**Date:** 7/12/2005

There were participants from 10 villages which are Chinoorpettai, Chandrapadi, Tharangambadi, Kuttiyandiyur, Vellakoil, Perumalpettai, Pudupettai, Thalampettai, Chinnangudi, Chinnamedu.

Mr. Benny started the orientation program with new style of presenting the orientation in the pictorial form, wherein which he displayed all the things required by using LCD.

He started with disaster management as to which type of houses would be preferable for withstanding the natural Calamities

He spoke about Soil erosions caused by natural calamities and how to overcome them like building on high elevation can be much protective.

He also spoke about the importance community water tank where by the community people can save at least 60 liters of water per family which can be also be used some other purposes also.

He also spoke about having toilets for every house and its relevance to the safety of house.

He spoke about Place where the houses has to be carefully constructed

He focused on quality of construction and which he explained in a more brief after this.

He also spoke about the selection of location for construction of houses, its nature and its elevation, etc.

He also requested the community people should be much careful in saying that whether water will stagnate or not in the place selected for the construction. For which steps has to be taken to like sand filling, Filing etc.

He also said that which undertaking any type construction it is important to keep in mind things like Place, Quality, Maintenance, Cost.

Then started the session in a form of interactive session session where in which the participants asked question to Mr. Benny about all aspects related to construction, which are as follows.

1. If saltiness in water how to protective the wall.
2. Where Beam should located

3. Details related to the Roofing.
4. About Mixing.
5. About quality of rod.
6. If saltiness on wall how to remove it.
7. About future extension of houses .Brick.
8. Saving rain water.
9. Soil testing.

Mr. Benny explained to the participants all the aspects in the form a hierarchy starting from foundation to plastering.

He explained that the first to start with is the Foundation which is most essential that is the foundation should be at least 5 feet down inside the earth and Piling would be most useful in the regard.

Cement to be used for this is to stored in a most safe place where by no Moisture and dampness can reach and has to be used within three months of its storage.

Tiles to be used to soaked in the water for at least one week, slabs also.

Basement has to be elevated much above the ground level, and it will be good if a Belt is built around the basement which would protect walls from the salt water down the earth.

Sand to be used has to be free from the clay contents and can check it very easily by taking it a handful and if it does not stick to the hand then it is of good quality.

He also explained that if houses are built with columns first and walls next then it is not wrong method at all.

Explaining about mixing where by the cement and sand are to mix well so that there they should not be distinguished at all and it has to be done before adding water, other way is also there adding lime with cement which is also a strong way of mixture.

The Brickwork is also very important whereby there be less usage of broken bricks, there should not be any sort of any gap between any of the brick and these gaps has to be filled tightly and in little bit roughness due to the plastering can be strong.

During concreting it has taken care that while putting the concrete the person has to bend well so that stones and cement and sand do not get scattered. Concrete missing will differ for Slabs, Steps, Foundation, etc.

Column should be of smooth finishing which means that it is done with care and quality.

During Centering it has taken care that it is done by giving a cover block and the rods used for Centering are of 8:6 mm size and also should be if ISI quality.

Always there should not salt water at any point of construction. This would effect the construction in future.

Plastering should be done with removing all the unwanted particles and clay and other stones etc. The mixture should be of 5:1 ratio (Sand: Cement).