# **INSPIRE STATE LEVEL EXHIBITION 2011**

## WRITE UP OF THE PROJECT / MODEL

### Warrant No. APKS100296

#### NAME OF THE PROJECT: ANTI RADIATION SHIELDS TO CELL PHONES



## A Brief Note on the Project

#### Introduction:-

Cell Phone is used by everybody now a days. This is due to the development of Science & Technology. The micro waves that are emitted by cell phones effect the functioning of the brain and decreases its functioning. Hence we have to reduce the effect of radiation on our body. My exhibit is prepared for this purpose.

The principal involved in preparation of Anti Radiation shields micro radiations will have the properties of light. When light falls on a plain mirror they reflect. Similarly when the micro waves fall on a metal sheet they will reflect. When some substances fall on some other substances they get absorbed or reflect. Such substances are Silver Zinc, Copper, Led, Aluminum, etc. These metallic sheets are used to prepare anti radiation shields.

If we use these anti radiation shields for cell phone as a cover, the radiations emitted by the cell phones are absorbed by these shields or they reduce the radiation effect and protect the consumers or cell phone users by these radiations.



