

## INSPIRE STATE LEVEL EXHIBITION – 2011

### WRITE UP OF THE PROJECT/MODEL

**NAME OF THE PROJECT:** TRANSFORMER PROJECTION WITH THE HELP OF MICRO CONTROLLER

16 KDKR



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#### A brief note on the project

The system is design to prevent the transformer burning due to over load, over temperature and input high voltage. Normally transformers are burnt because of 3 reasons. Therefore it is designed such that, it can measure the parameter values continuously and controls automatically. When any parameter value exceeds with preset value, with the help of monitoring and control circuits life of transformer can be increases.

In to the monitoring and control, information about failure can be transmitted to the nearest monitoring station. Facility is provided such that due to what reason the transformer has been failed, information can be displayed at the monitoring stations. Alarm is also provided at there, which energies automatically, whenever receiver receives failure information frame the transformer.