

## **REAL TIME MONITORING OF COAL CONVEYOR SYSTEM**

S.PAVITHRA, Dr.M.ETTAPPAN  
Department of Electrical and Electronics Engineering  
Chennai Institute of Technology, Kandrathur, India

The coal conveyor is important in all thermal power plant and overall efficiency of the plant is dependent on the rate at which the coal is carried to the crusher unit. The fault in the conveyor belt is caused mainly due to heating and other is due to tearing of the belt. We propose an intelligent real time monitoring system of temperature and attrition of conveyor belt, using Arduino Uno interfaced with sensors.

