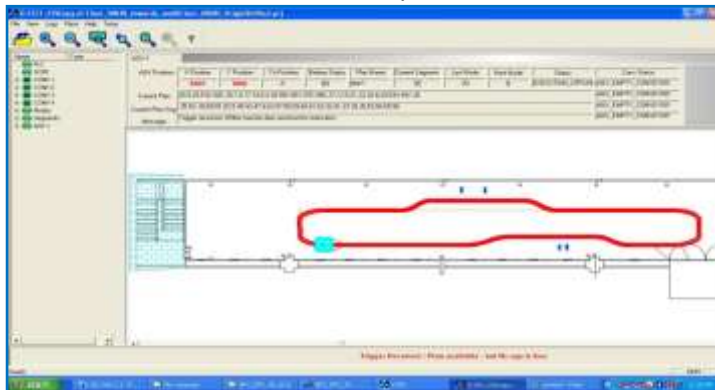


AGV based Automated Material Transfer System

DRHR has developed an Automated Material Transfer System based on Autonomous Guided Vehicle (AGV). This system is general enough to deploy in any area requiring material transfer. Indigenously developed AGV is a battery powered mobile platform having two steer-and-drive wheels mounted on its central axis and four support castors on corners. This has an onboard mechanism of powered conveyors to load and unload materials. The system conducts material transportation on the basis of real time requirements of material at drop-off points and availability of the same at pick-up points. Adjoining images show an Automated Pellet Boat Transfer System developed for deployment at NFC, Hyderabad.



AGV on test setup at DRHR



Display Plan and Control software for AGV



Autonomous Guided Vehicle (AGV)