

Abstract Details

Title:A Literature Review On Maintenance Planning And Resource Allocation

Authors: Nitin Panwar, Sanjeev Kumar

Abstract: Industrial Plant Maintenance Is An Area Which Has Attracted Significant Attention Of Decision Makers As It Has Enormous Potential To Be Improved And Also Due To Random Failure Within The Industry It Is Difficult To Identify An Optimal Maintenance Policy. The Purpose Of This Paper Is To Review Past And Current Literature On Maintenance Planning Method And Resource Allocation (Men, Machine, And Material) To Achieve An Effective And Robust Maintenance System. Most Of The Analysis And Methods Suggested In The Published Literature Were Based On Mathematical Computation, Artificial Intelligence, Simulation, Critical Analysis And Multicriteria Methodology.

Keywords:Maintenance Planning, Resource Allocation, Multicriteria Methodology