

Title: Productivity Enhancement With Adoption Of Advanced Automation Techniques: A Case Of Automobile Industry

Author: Pooja Rani, Sandhya Dixit

Abstract: Today The Industries Are Rapidly Progressing Because Of New Innovation And Advanced Technologies. The Automation Strategies Allow The Industries To Adapt To The Rapid Changes In The Markets Demand, Shortened Product Life Cycles And Offer High-Quality Products At Competitive Prices. Customers Now Want Variety Of Products. Automation In The Industry Workplace Provides The Benefits Of Improving Productivity And Quality, While Reducing Waste, Increasing Safety And Adding Flexibility To The Manufacturing Process. So In This Research Paper A Case Of Automobile Industry Is Presented Where Productivity Increase Is Shown By Reducing Cycle Time By Implementation Of Belt Conveyor In Assembly Line.

Keywords: Productivity, Cycle Time, Belt Conveyor System, Automation.