

# Navigating the Future: The Dual Impact of Automation on Industry Efficiency and Employment

**Debabrata Das**

Research Scholar, Department of Information Technology  
Sunrise University, Alwar, Rajasthan, India

**Abstract:** *It is difficult to say if industrial automation will benefit or hurt business and workers. We cannot fathom industrial life without automation and technology. Today, many developments are taking place in industrial sectors to increase productivity and efficiency in daily operations. Automation is crucial to the industry's ability to adapt to globalization, but it also has the potential to replace humans in the job. Therefore, this study paper attempts to focus on both the features of industry automation, including job insecurity, new task handling skills upgrading in accordance with automation requirements, and technological advances in the industrial sector. While automation can be a boon by making processes simpler, quicker, and faster with a minimal chance of death, it can also cause stress, worry, and despair, which can endanger employees' health and safety at work. Therefore, is it a curse for workers to understand the effects of automation and how industry may balance the usage of human-machine interaction for all such things? This study is crucial.*

**Keywords:** Industry, Automation, Positive Impact, Negative Impact, Employee