

## **THE IMPACT OF TECHNOLOGY INTERVENTION ON STRESS MANAGEMENT WITH MEDIATING EFFECT ON THE JOB SATISFACTION OF PRODUCTION LEVEL EMPLOYEES IN THE RUBBER PRODUCTS MANUFACTURING INDUSTRY IN COLOMBO DISTRICT**

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This is a study that investigates the influence of technology on stress management as mediated by job satisfaction within a cross-section of production employees in the rubber manufacturing industry in Colombo. The speeding advancement of technologies has impelled new ways of stress management for employees in rubber products manufacturing industry and its consequent impact on overall job satisfaction. The research has been conducted by taking quantitative approach methods, collecting data through surveys from 103 samples drawn from the production employees working within the rubber products manufacturing companies in Colombo District. And data analysis has been done by using SPSS software: descriptive statistics, correlations and regressions have been carried out. Further, it analyzed the link between the use of technology such as automation and digital tools which are using of production level employees for stress management and its impacts made by stress management on job satisfaction. Findings from the research prove that there is no positive relationship between the technology intervention on stress management. And the relationship between technology intervention and the job satisfaction is positively accepted. When it comes to the mediating effect results, The technology has a significant impact on stress management through job Satisfaction. According to recommendations, the study is completed with options for firms to adopt and test that embrace their technological innovations as part of human resource-strategizing operations to create a healthier work environment and performance improvement within their organization.

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