

INFLUENCE OF ERGONOMIC ANALYSIS TOWARDS TWO – WHEELER SAFETY AND CONSPICUITY: A RIDER’S PERSPECTIVE

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Abstract

It is of concern to note that approximately 85 percent of road accidents are due to human errors which come true from an analysis of Insurance Company records. Accidents are traffic mishaps that involve some property damage, personal injury or death or both. Numbers of peoples are killed each year in road accidents in India and abroad also. With the rapid urbanization and emergence of mega cities the transport needs of people are increasing day by day and thereby there has been a spurt in growth of motorcycle’s population. In India the increase in vehicle population has resulted in proportional increase in road accidents to a considerable level. Low conspicuity or inability of the motorcycle and rider to be seen by other road users, is thought to be associated with motorcycle crash related injury or death. Ergonomics has an important role in defining capabilities and limitations of riders of motorcycle. The major objective of this present paper is to provide some possible aspects related to rider and motorcycle to minimize the possibility to be involved in the crash or to prevent injury.

Keywords: mishaps, motorcycle, and conspicuity.