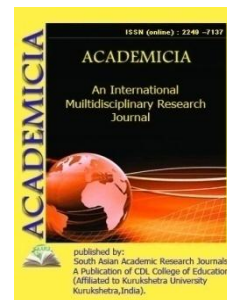




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A BRIEF STUDY ON INDOOR AIR POLLUTION

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ABSTRACT

Indoor air pollution (IAP) is a major health hazard that kills millions of people each year. IAP may be caused by a variety of contaminants, therefore it's critical to determine their primary sources and concentrations; as well as develop methods for controlling and improving indoor air quality (IAQ). We examine and evaluate the main sources of significant pollutant emissions, their health impacts, and problems connected to IAP-based diseases, such as sick building syndrome (SBS) and building-associated sickness, in this paper (BRI). In addition, methods and approaches for controlling and reducing pollutant concentrations are highlighted, and current developments in attempts to resolve and enhance IAQ are described, along with their distinct benefits and potentials. The development of new materials for sensors, IAQ-monitoring systems, and smart houses is expected to be a viable approach for controlling and improving IAQ in the future.

KEYWORDS: *Indoor Air Quality, Indoor Pollution, Human Diseases, Smart Home.*

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