

RESIDENTIAL QUALITY ASSESSMENT OF MULTI-STORY BUILDINGS THROUGH RESIDENCE EXPERIENCE: A CASE OF HYDERABAD, PAKISTAN

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ABSTRACT

•In this modern era, multi-story housing is conceived as a sustainable and land-saving solution to increasing housing demand. In developing countries like Pakistan, unplanned and unsustainable multi-story housing development in major cities like Hyderabad. Housing quality is getting worse day by day, creating a negative impact on the physical and social well-being of inhabitants. The study identified the factors which are making a negative impact on multi-story housing quality. The research is based on a thorough literature review, variables which helped categorize into safety and security, environment, life convenience, space utilization, utilities and services. To record the residents' opinion, the variables were inserted in a structured questionnaire with a 4-point Likert scale. Systematic sampling was applied to select a random sample of sixty buildings with an interval of 5. Using multiple regression analysis, four variables, including outdoor noise, fire protection, lack of elevator facility and drainage, were found to have a negative impact. The study is significant as the results can be considered as a guide for planning and development agencies to improve the multi-story housing quality by ensuring the inclusion of influential variables in the present and future development of multi-story buildings.