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# Planning of Sustainable Pedestrian Facilities for CBD Areas of Coimbatore City

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**Planning of sustainable pedestrian facilities for CBD areas of Coimbatore city**  
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### Abstract

Walking is one of the sustainable modes of travel. City planners around the world look to implement systems to promote walking in the form of pedestrian facilities like exclusive pedestrian footpaths, pedestrian plaza, pedestrian crossings, etc., to deter the use of motorized vehicles. The lack of pedestrian facilities in the Central Business District (CBD) areas of major metropolitan cities de-motivates people to use motorized vehicles instead of walking. An assessment of the perception of people in Coimbatore city towards the implementation of pedestrian plaza in Gandhipuram which is a CBD area was carried out using a questionnaire survey technique. The survey results indicated that 86% of respondents were not fulfilled by the existing pedestrian facilities and 97% of respondents wanted the pedestrian plaza to be implemented in Gandhipuram, the CBD area considered in the study. The study also presents a design for the pedestrian plaza which when implemented can increase the sustainability of Gandhipuram. © 2020 Alpha Publishers.

### Author Keywords

Central Business District; Coimbatore; Pedestrian Facilities; Pedestrian Plaza; Sustainable; Walking

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