

# **STUDY OF ECOLOGICAL IMPACT OF VEGETATION IN URBAN RESIDENTIAL PLOT AND ITS IMPACT ON OUTDOOR ENVIRONMENT**

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## **ABSTRACT**

Urban planning and design should basically aim at improving the quality of space in order to improve the living environment of the people. Present urban planning and design in Dhaka Inhibit urban residents to form any meaningful relationship with their present urban outdoor settings and lifestyles are increasingly becoming introverted. Ensuring an acceptable standard in the quality of urban indoor and outdoor spaces has become a great challenge for planners, architects and policy makers. Progressive degradation of the physical environment is the most visible effect of rapid and unplanned urbanization. Findings of the research are the green application in front of the building was tends to experience outdoor temperature. So this research work is provide an introduction or preliminary guide line for thermally responsive architecture on the basis of thermal performance of the greenery application system in Bangladesh and it provides a sustainable, energy saving, comfortable and healthy environment. This research investigates two residential areas to show how green application on residential plot is more appropriate as a thermal comfort strategy for the modern design of Bangladesh.

**KEYWORDS:** Thermal Comfort, Vegetation, Residential Plot, Outdoor Environment, Dhaka