

## **Understanding the change in construction technology of traditional vernacular buildings of Dhulikhel.**



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### **ABSTRACT**

The paper documents the traditional buildings with high heritage value to understand the changes occurred in building forms, plans, construction technology and building materials. The methodology includes the first hand data acquisition from the site. Two buildings with high heritage values are selected for the study. The existing condition of the selected buildings were recorded with measured drawings, photographs and sketches. The information about the past condition of the building are discovered by the available photographs and interview with the house owners. The findings revealed that in all houses the external load bearing wall were left intact, while the internal non load bearing partition walls were added to meet the new functions. Toilet is added in the Ground floor. The two way slope roof constructed from wooden truss and clay tile roofing was replaced with the corrugated metal sheet roof. In some cases the two way slope is even reduced to one way slope and the height of top floor was increased adding some layers of brick wall.

**Keywords:** Traditional building, construction technology, building material, vernacular buildings.