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| TITLE OF PROJECT: **A review of lime and surkhi based mortar for restoration and rehabilitation of heritage structures.** |
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| ABSTRACT (150-300 words):  The heritage structures are valuable asset and require prevention, restoration and maintenance for it’s historical importance. Some of the major problems of deterioration are weathering conditions and aging. Due to these conditions damage of the mortar and plaster is common in heritage structures. The restoration should be in such a way that aesthetics and original appearance is not changed. Selection of proper material is important for restoration of heritage structures. Lime is traditional construction material and it is widely used in heritage structures as binding material. Hence lime based mortar is compatible material for traditional old structures. Also bricks are used in construction from many centuries. So surkhi is also compatible for traditional material. Lime is a good pozzolanic material and surkhi is poweder form of burnt clay brick. In this article possibility of using lime, Surkhi and Lime Surkhi mortar for restoration of Heritage structure is reviewed. |
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| KEYWORDS: Lime, Surkhi, Restoration, Heritage Structure, Deterioration |
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| CATEGORY: Building restoration materials |