



CULTURE, SPACEFORMS AND PEOPLE – VARANASI CITY

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DISSERTATION SUBMITTED IN PARTIAL FULFILLMENT OF THE B.ARCH.
DEGREE

DISSERTATION REPORT– 2019

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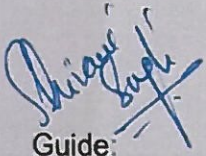
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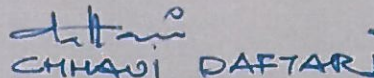
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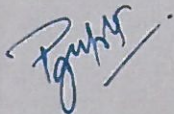


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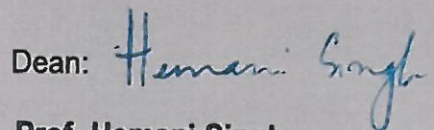


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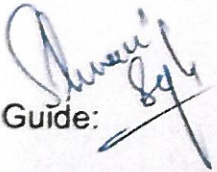
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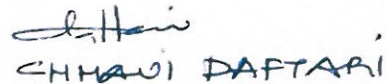
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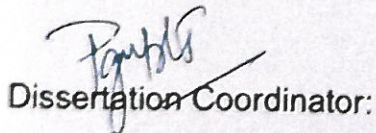
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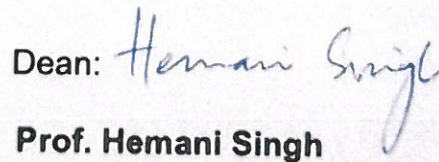

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Lastly, I offer my regards and blessings to all those who supported me in any respect during the completion of the project.



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ABSTRACT

Human population and its needs are increasing day by day. Land being one of our basic needs. Land for residential, construction, agriculture, transport etc. Cities are always in evolution and so they would need the city's architecture to respond to it. Prospects of growth, expansion, development, improvement and enhancement of social and urban fabric along with new development are the outcome of the same evolution. The net surface area availability on ground would remain constant but our demands would not. The evolution of cities brings, a need for newer spaces and buildings. Because of which older buildings, sometimes, which have cultural and heritage value are also taken down. Does need of newer buildings always means demolishing of older structures? Additionally, is this method of demolishing and rebuilding, a sustainable practice?

A non-maintained building, which is of no use and now stands in ruins, often turns into a hub for trespassers, drug peddlers and other anti-social activities. Hence, adaptive reuse of older neighbourhoods, buildings and structures can help in controlling the urban sprawl. It would also influence the development of the urban fabric of a city.

Use of structures and buildings which still exist, renovating them and introducing new uses for the same is known as adaptive reuse. It is vital for preserving the history of a city as well as putting old and vacant but structurally sound buildings to newer uses. One example of such buildings are industrial buildings, which due to their large footprints have a high potential to undergo adaptive reuse.

Mumbai is a city which has a rich industrial history and has witnessed a power of cotton textile mills. The mill culture then saw a great fall because of various changes. Eventually, these land parcels are now enticing developers, who are redeveloping these lands into new uses.

KEYWORDS- Adaptive Reuse, Industrial heritage, Mills, Brownfields, Abandoned, Derelict, Dilapidated, Mumbai, Recycling, Voids



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**“ARCHITECTURE CATERING TO SPECTRUM OF HUMAN
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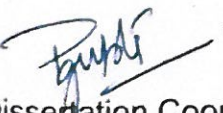
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GIVING LIFE TO THE STRUCTURE AND THE ENVIRONMENT

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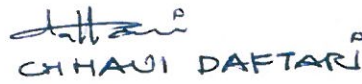
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ABSTRACT

Wood is the most widely used building material in the world because of its efficiency, durable, and usefulness. One of the greatest attributes of wood is that it is a renewable resource, it has low carbon impact and low embodied energy. The amount of energy needed for producing wood products is much less than comparable products made from other materials. Carbon in wood remains stored until the wood deteriorates or is burned. Architects, product designers, material specifiers, and homeowners are increasingly asking for certified building products that are from sustainable resources. More than 50 different forest certification systems in the world represent nearly 700 million acres of forestland and 15,000 companies involved in producing certified products. In terms of forest acreage under certification, Forest Stewardship Council (FSC)

Key words – Carbon sink, CLT, Ecological Footprint, log construction , wood construction


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