

Convertible Bridges and Advanced Technologies

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Abstract: *One of the most fascinating things about Civil engineering is a Bridge. There is never ending research about the bridges all over the world. India's first sea bridge, the 'Pamban' bridge, was also the country's longest sea bridge until the construction of the Bandra-Worli sea link. As India has got a great history in the topic of bridges. Our country has a great history in the field of bridges. It has about 173,000 bridges and about 36,470 of them were built under the British Raj. But if we see history or present of our country there are very few bridges which are movable/convertible. As construction of these types of bridges comes out to be costly as well as time consuming. So, we often see this topic to be ignored. As students of civil engineering, we would like to touch upon the topics which are niche and barely touched. As we must make India a developed nation as soon as possible we should bring advanced technologies in India. As we go into technicalities movable bridges are particularly required at some intersections by which we can to transportation quickly. Few drawbacks which come while using movable bridges is construction is costly and movement is slow. We will try to tackle that issue through our project. Bridge are the main connection provided between two access provided for transport in such way bridges are provided and hence are an obstacle of money transportation there are many movable bridges introduced like bascule bridge lift bridge, swing bridge.*

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