

# **A STUDY ON DIFFERENT TYPES OF SUSPENSION BRIDGE**

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## **ABSTRACT**

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In this project report, the basic characteristics of cable stayed bridge and suspended-deck suspension bridge will be described. The types of cables, pylon, cable system, stiffening girder, cable anchorage and connection as well as the erection of the mentioned bridges will be described. The results for the study of difference between these two bridges will be mentioned. This project also contains a case study on the current longest span suspension bridge in the world, the Akashi Kaikyo Suspension Bridge of Japan.