

# Use of Steel Slag in the Road Construction

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**Abstract:** Roads make a crucial contribution to an economic development and growth and bring important social benefits. They are of vital importance in order to make the nation grow and develop. So, by keeping this in mind, Steel Slag Road came in construction, there is no blasting, drilling or any crushing to obtain steel slag as it is material waste coming out of steel industry which is further processed and then converted in the form of aggregates material used for constructions. As per research papers we have referred we found that, the highways and other roads can become more stronger with this steel slag roads than normal conventional roads and they became more economical as steel slag is waste generated from steel industries. So, in this research we have tried to use steel slag as replacement of aggregates by some proportion and by performing tests on it we are aiming that road construction may become more economical and road becomes more durable as compared to conventional road construction.

**Keywords:** Road construction, Steel slag, Aggregates, Bitumen, Experimental testing

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