

# Future of Civil Engineering

**AI can ease the execution work but not execute the work.**

In this present changing world of infrastructure development and the digital world, it is very important to indulge various technologies in the real world created by *Civil Engineers*. [The makers of **HOUSE** where the entire world felt safe during the pandemic]. Still, when we talk about involving new technologies in core branches it is possible only till the designing stage and not to the execution stage for the present scenario. For the application part in construction Civil Engineer plays a vital role.

Although AI/ANN Fuzzy Logic grows rapidly in various sectors of civil engineering like transportation engineering, construction management, and many others. AI in civil engineering brings significant benefits to engineering design, analysis, and construction management.

**Real world of Construction is different then virtual world of software's** because we cannot completely rely on software, yet validation is equally important. Software is trained for limited data sets, but on-site, during execution Engineers have to face challenges for which AI/ML is not trained hence Civil Engineers can solve on-site problems easily by using their knowledge and experience, which can still be used to make AI/ML more authentic.

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Whom do you trust for creating a roof on your head and want to hand over your life??

**When many modern and huge structures collapsed within minutes during floods, then this centuries old Panchvaktra temple in Mandi stands tall against the mighty floods.**



*Image source: India today, 11<sup>th</sup> July 2023*

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