

## **Kitini High Secondary School**

### **Design proposal for a resilient model school in Nepal**

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During the Gorkha Earthquake in 2015 and its aftershocks, many schools have been damaged or collapsed in Nepal. Reconstruction of schools is still in progress. The lack of funding, resources, engineering skills, knowledge and accessibility makes it difficult for a lot of schools to reopen. My aim is to contribute by developing a proposal for a specific school which will contribute to a more resilient Nepal.

Kitini High Secondary School is a secondary level school in Godavari, Lalitpur. The school has around 600 students. The existing school has four building blocks. One of the buildings is marked as unsafe after the earthquake. Two other blocks need to be demolished in the future due to road extension. The school is aiming towards becoming a model school. A plot 300 metres southwest of the current location of the school is available for the construction of new facilities. The new buildings should be designed according to the standards set by the government of Nepal and guidelines for safe school design in seismic regions.

I travelled to Nepal to visit the school, meet the local people and to develop a conceptual design proposal which we submitted to the Department of Education. After my trip, I have been working in Sweden on the final design to add spatial and architectural quality to the pragmatic model school proposal resulting in a proposal that is disaster resilient and a comfortable learning environment for the children.