



# How technology has reshaped the lives of civil engineers.

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Technology is always going to be the future of the world. Everyday a new invention happens and everyday there is evolution in every part of the world. As technology plays an important role in computer engineering, mechanical engineering, automobile engineering, it has also become a huge part of civil engineering. With creation of new software's and applications, things have become easier for all the people in many ways. Technology is helping civil engineers to plan, build, create, analyse, and manage so many things easily. Everyday a new software has been developed for different purposes. This way the technology is reshaping the lives of all the people and all the parts of the future. Due to these inventions people have easy access to information, more productivity, ease of mobility, cost effectivity, more innovations, time effectivity, better communication, and new learning techniques. All these factors have helped the world grow into a better place.

The main aim of the project is for us to explore and learn the modern practical techniques and proficiencies used in the industry. While studying we only use the theoretical examples to completely understand a situation or a specific topic. The practical related knowledge is also 70% related to the theory in our textbooks. So, by working on

this project, we wanted to experience and learn through the real-life situations. Our sight is also to challenge ourselves into learning and using a new software from Autodesk named as Revit. We are looking forward to also relate to how technology has helped civil engineers specifically to reshape the way of working. Through this we will have a profound understanding about the real-life projects and the whole process for project, from the start to the end. This project will help us understand and relate the theory, practical and the real-life situations and topics in a very upstanding way.

This project has really helped us grow in the view of real-life situations. We mainly completed our challenge of learning a new software and using it for a big project. We learned how to relate the theory, practical and the real-life situations altogether. We could relate the theory we read in the books and the actual things we implement while finalizing the specifications and while researching about various topics. As this is what we will be doing in our future, we have had an experience beforehand and this will surely help us and our work in the future.

