

MULTI-PURPOSE DAM

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ABSTRACT

This project of designing a multi-purpose dam took us to a whole new dimension in the field of engineering. The in co-operation of 3 disciplines of engineering namely civil, electrical & electronic and manufacturing was a challenge on its own as we had to share ideas from different perspective. As a civil engineering student I used information from Zawgi River in Myanmar to design our dam head and discharge for the dam is calculated from reservoirs operation method, height, width and slope of the dam obtained.

Being a manufacturing system engineering student, I couldn't apply much from my course. However, I was given to design the water supply system and the design of a Francis turbine. Thou it was challenging, but with the guide of supervisor and group members, I managed to produce my talk.

As a electrical and electronic student, we able to learn some of the real life things besides what we have learn in the school and we able to apply the theory and some of the information on this project which combine with the civil engineering especially for 'Hydro Power Plant'.