

Chemical Engineering Design Project Guide For Students

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Chemical Engineering Design Project - Guide for Students 2014 1 1 Purpose and significance of the Design Project Design is arguably the defining activity of the professional engineer. Design for mass production is one of the things that makes engineering different from science. Chemical engineers design both products and processes.

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A process design requires a number of exercises of collecting the data of present system and analysing the situation, working out various process combinations by designing the experiments, formulation and verification of theories for the cause and effect of process changes, balancing of the resources and infrastructure available to get the best result, identification of training needs and planning for providing training synchronizing with the implementation of process change, etc.

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Chemical Engineering at Cambridge. Our course concentrates on the scientific principles that underpin modern chemical and biochemical engineering. The aim is to produce graduates that meet the needs of today's process industries by providing a thorough understanding of the subject, technical competence, and transferable skills. The underlying theory is complemented by a series of lectures and projects that teach process design and chemical product design.

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