

USING WEB TECHNOLOGY FOR COLLABORATIVE LEARNING IN ENGINEERING EDUCATION

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ABSTRACT

Fathom of Engineering Education having the obligation of fulfilling futuristic demands of Industry and Society. Since, Engineers are expected to create which has never been, it is required to develop creativity in their learning. In contemporary time lot of studies conducted on improving Teaching Learning process especially in the perspective of expected skills to be developed. Collaborative learning is one of the famous methodology which enhance the interactive learning and also motivates the self-learning which in turn leads to creative thinking.

It is essential for any industry to use the contemporary developments for its advantage to survive and succeed, education is not an exemption. For last two decades the mankind has seen enormous changes in technology especially in communication which has indeed effect in the way Engineering is taught and perceived. This deserves special care in the context where engineers expected to become global and also system engineers rather specific excellent individual. So, natural confluence of technology and pedagogy is required to effectively implement collaborative learning.

Technology development is continuous and ever changing. Width and breadth of its use for teaching learning process has to be critically reviewed for meeting objectives. When judiciously applied, technology tools really improved the life of learning and enhanced the learning environment. But, the high value question is for the given pedagogy, what is the best toolset possible?

Over the years numerous tools have come and having greater impact and influence on every walk of human life, it is essential to focus on the usage and effectiveness for teaching learning process. This review paper explores the suitability of famous tools under the circumstances.

KEYWORDS: Collaborative Learning, Personal Competence, Technical Competence