Innovations in Current Teaching Methods: A Review Study

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Abstract: *In teaching process a handful of teachers and educational institutions are utilizing new paradigm of innovative and effective teaching methods that incorporate enhanced active participation, perception and cognitive development in students. Information and communication technology help in conversion of text-based learning contents to visual learning contents that make teaching most effective and efficient in as far as higher education is concerned. Learning by computational thinking is not merely coding but encompass students active participation in programmed environment wherein a series of skills must be used in a highly systematic manner to solve the split small parts of a problem using decomposition, pattern recognition, abstraction, algorithm design, and debugging eventually to describe a solution in a usable form. It develops creative human activity in formulating open- ended problems and solve it confidently and ask one- self if better solutions for the same can be searched out..*

Keywords: Innovation, Teaching methods, Learning management system, Blended learning, Crossover learning, Learning by doing scientific.

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