

Abstract Submitted  
for the MAR13 Meeting of  
The American Physical Society

**Wikispaces (Wikis) and Group Problem Solving (GPS) sessions in Physics classes** HASHINI MOHOTTALA, University of Hartford — We report the combine use of Wikispaces (Wikis) and Group Problem Solving (GPS) sessions conducted in the introductory level and upper level physics classes. This method gradually evolved from the combine use of Wikis and Just in Time Teaching (JiTt) practiced over the past years. As a part of this new teaching method, some essay type problems, parallel to the chapter in discussion, were posted on the Wikis at the beginning of each week and students were encouraged to visit the pages and do the work without providing numerical final answers but the steps. At the end of each week students were evaluated on the problem solving skills opening up more opportunity for peer interaction by putting them into small groups and letting them solve one selected problem. A class of 30 students is divided into 6 groups and as a whole four lengthy essay problems are discussed - each group is given to solve one problem. The problem numbers are drawn in a raffle and the groups are excited to find out what they get each week. The required skills to solve a problem are gained from the weekly given Wiki exercises. Wiki provides a user-friendly platform to make this effort a success. GPS sessions help the professor identify the failing students earlier and help them before it's too late.

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Date submitted: 09 Nov 2012

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