

1154-VI-2019      **Ganga Acharya\*** (gcharya@cmm.edu), 525 Buena Vista SE, Albuquerque, NM 87106. *An Approach to Improve Students' Participation and Performance in Introductory Math Classes*. Preliminary report.

Class-participation, office-hour attendance, and learning and understanding of expected mathematical concepts is decreasing for the students who use online homework, though they get better grade in online Homework. As an effort to increase students' participation in classroom, and improve test performance, parallel sections of introductory math sections are taught with certain treatment in some sections and outcomes are compared. The complete research process and outcomes will be presented in the talk. (Received September 17, 2019)