

1116-H5-810 **Tanweer Shapla***, Mathematics Department, Eastern Michigan University, Ypsilanti, MI 48197.
Technology Blended Teaching for Statistics Education.

The use of technology has been an indispensable tool in teaching an introductory statistics class. Generally, enrollments in introductory statistics are in increasing trend, and students are coming from multidisciplinary areas with very little mathematics and computational skills. On the other hand, by its nature, an introductory statistics class incorporates ideas ranging from descriptive statistics to various forms of inferential statistics. Under this reality, the emphasis is primarily on the conceptual understanding of basic statistical techniques and interpretational aspects of analytical results. Therefore, an efficient planning in teaching and an appropriate use of technology are in great demand towards achieving most of the course objectives set forth in an introductory statistics class. In this presentation, we address an open source software R, along with its flexibility of commands for teaching an introductory statistics class with examples and applications. (Received September 13, 2015)