Minutes

Faculty present during the meeting: Kelly Bartlett, Dimitri Dodonova, Huan Ni, Jomon Aliyas Paul, Ken Gilliam, Leo MacDonald, and Penny Verhoeven

1. Discuss Summer 2015 AOL results.

   **SLO 3.3:**

   Student performance on questions focusing on linear programming was excellent overall. The only exception was their work featuring GPA constraint. This faculty thought could possibly be due to inadequate exposure to constraints involving a weighted logic framework during the semester. Overall performance (meet and exceeds) while below that noted in summer 2014 (81.4%) is above the benchmark levels set at 70% (performance noted in summer 2015 = 74.6%) by the Econ 3300 faculty.

   **SLO 3.4:**

   Overall student performance on SLO 3.4 excel question continues to be exceptional. This serves as a good validation of the impact improvement strategies identified in prior assessment cycles has had on student learning outcomes. The overall performance is well above the benchmark level of 75% (noted performance = 91.1%) decided by the Econ 3300 faculty.

2. Discuss whether to make any changes to:

   **Problems used for assessment**

   To reduce the risk of plagiarism, faculty group decided to replace the linear regression problem with a new problem set while focusing on the same concepts such as significance of overall regression model, adjusted R-square, use of regression equation for prediction purposes, etc. A new problem set was proposed by the course coordinator and finalized with the help of feedback from the attending faculty.

3. Discuss possible curricular/instructional changes to improve student learning.

   Faculty will continue to expose students to problems that include constraints similar to GPA in logical structure (assessment problem for SLO 3.3). Faculty will continue to
emphasize importance of concepts such as p-value, slope, intercept, role of F test vs t test as it applies to linear regression and related topics.

4. Discuss possible changes to improve the assessment process.

Faculty believe that emphasis on practical significance of parameters such as p-value, slope, adjusted R-square, increased exposure to constraints similar to GPA (involving a weighted approach), etc., when formulating linear programming models are steps in the right direction.