

Date & Time

9th November 2018, Friday @ 3.15 pm

Venue

Al-Farabi Seminar Room, Second Floor,
INSPEM

Presenter

Dr. Md. Anowar Hossain
Visiting Scientist
Laboratory of Ethnomathematics &
Didactics, INSPEM



Topic

Implementation of Cooperative Learning with Learning Together Model
in Mathematics Classrooms in Natore, Bangladesh

Abstract

Cooperative learning with learning together model played a dynamic role in improving students' mathematical performance. This research study aimed to investigate the effects of cooperative learning with learning together model on students' mathematics achievement, attitudes toward mathematics and attitudes toward cooperative learning in secondary mathematics classrooms in Natore, Bangladesh. A quasi-experimental with 3x2 factorial design and SEM path model were employed to investigate the effects of cooperative learning with learning together using the instruments - mathematics achievement test, attitudes toward mathematics questionnaire and attitudes toward cooperative learning questionnaire. The structured form of cooperative learning, ie, cooperative learning with learning together was implemented as treatment in the experimental group while control group was taught using unstructured form of cooperative learning for a duration of 5 months. The statistical analysis such as ANOVA, MANOVA and post hoc pairwise comparison were done using SPSS software while correlation, regression and path analysis were done using STATA software.