

1096-VE-1084 **Sayonita Ghosh Hajra*** (sayonita@uga.edu), Department of Mathematics, Boyd GSRC,
University of Georgia, Athens, GA 30605. *A comparison of the Common Core and the Indian
Standards on Fractions.*

In this talk, I will report on the comparison of the syllabi and the textbooks of grades 1 through 7 of the Indian National Council of Educational Research and Training (NCERT) and the Common Core State Standards (CCSS) on Fractions. My study involved 9 students' interview (four from USA and five from India), which revealed some of the possible problems in the NCERT's syllabi and textbooks on fractions. Here, I will present those problems and some suggestions to NCERT to improve the standards on fractions in the Indian curriculum along with the comparison of the students' interview results from both the countries. (Received September 12, 2013)