

University of Notre Dame Department of Mathematics  
**MATHEMATICS TEACHING SEMINAR**

**Santosh Kendal & Brian Shourd**

University of Notre Dame

*Will give a lecture entitled:*

**The Mean Value Theorem  
and  
Linear Transformations**

*On*

Tuesday, March 29, 2011

*At*

5:00 PM

*In*

231 Hayes-Healy Hall

***Abstract***

Santosh Kendal will present “The Mean Value Theorem”: I will discuss the Mean Value Theorem, its graphical meaning and a few applications. I will assume that subject materials up to the Rolle's Theorem are covered in the past lectures.

Brian Shourd will present “Linear Transformations”: During this mock lecture, I will introduce linear algebra students to the notion of linear transformations. I will present the definition of a linear transformation, and provide examples and applications.