SEMINAR NOTICE

Dr. Shanta Laishram, Indian Statistical Institute, Bangalore Centre will give a seminar on **April 22, 2016 at 2.00 pm in Seminar Hall, Dnyaneshwar Bhavan.**

The title of the talk and abstract is as follows:

Title: Power values of sums of products of consecutive integers

Abstract: The sum or the product of consecutive integers being a perfect power is well understood. However the question of sums of products of consecutive integers being a perfect power is a much more difficult problem. In this talk, we investigate this problem and give general finiteness results. Also we give all solutions when the terms in the product considered is at most ten. The proof involves a combination of different techniques, ranging from linear forms in logarithms of algebraic numbers, Runge's method, computing integral points on curves among others. This is a joint work with Hajdu and Tengely of University of Debrecen, Hungary.

ALL INTERESTED ARE WELCOME.

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