

DS Kothari Centre for Research and Innovation in Science Education

In collaboration with
**Vidyut, The Physics Society &
Department of Mathematics**

present
A workshop on

Using Geometric Reasoning to Teach Vector Calculus in Mathematics and Physics

Resource Persons :

Tevian Dray

Department of Mathematics
Oregon State University

Corrine A Manogue

Department of Physics
Oregon State University

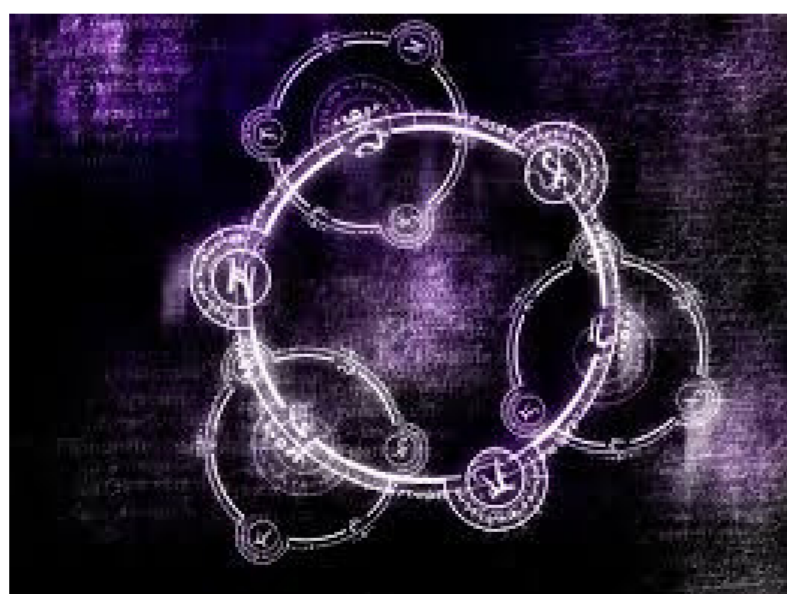
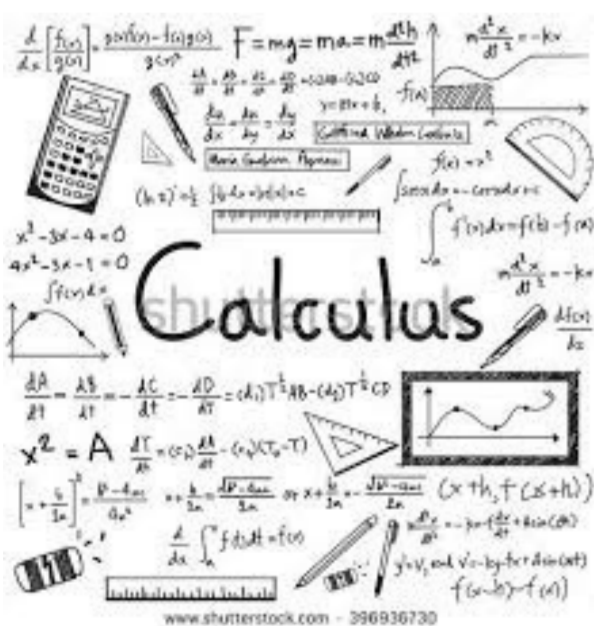
This workshop will focus on "bridging the gap between vector calculus as taught in mathematics courses and electromagnetism as taught in physics courses. Light will be shed upon the different ways in which mathematicians and physicists think about these ideas. Alongside, some active engagement curricular materials that use geometric reasoning to bridge this gap incorporating materials appropriate for both disciplines will be employed.

Date: 28 March

Time: 9:15 -11:30 am

Venue: DSKC lab 2nd Floor

Sponsored by DBT



Department of Biotechnology
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