

Some Observations on Discipline-Based Educational Research in Science, with Particular Reference to India

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Discipline-based Educational Research (DBER) in college level science is getting increasing attention globally. In this talk, after some preliminary remarks on the nature and scope of DBER, we will illustrate the field by describing a few (from several available) pieces of notable DBER work emerging from the universities abroad. Some examples of DBER work carried out in this country will also be included in this very brief review. We will argue why this new field of inquiry is important for quality improvement of higher education in science in India and conclude with some suggestions for encouraging its growth here.