Catalysis plays a prominent role in chemical industry by bringing better control and efficiency to industrial processes. It is central to the science of modern chemical processing as well as to the environmental management. More than 90% of the world’s chemical manufacturing processes depend on catalysis. Also, it is one of the most important technologies that contribute towards the national economies. Research in the area of Catalysis is interdisciplinary and includes fundamental and applied sciences such as chemistry, physics, material science & engineering. It is at the heart of a number of new developments in green technology. All in all, it is a multidisciplinary science which the ‘chemists’ should study and understand deeply.

A workshop on catalysis was held from 9thto 13th of March 2015 at the Dept. of Applied Chemistry in CUSAT, Cochin under aegis of Erudite: Scholar – in Residence programme sponsored by the Kerala State Higher Education Council. Prof. B. Viswanathan, Emeritus professor, a renowned scholar in the domain of Catalysis research led the lecture series. The workshop brought together the faculties, researchers and postgraduates from various departments of university as well as the nearby colleges. One of the major aim of this workshop was to provide knowledge about research methodology and catalysis. It also highlighted some conceptual hurdles faced by the students. Prof.Viswanathan explained all the difficult concepts in catalysis in a simple way by givingsuitable examples from day today life. The workshop was proved to be extremely successful. The lecture could have been archived by a professional videographer for the benefit of students in the future. A video archive of low resolution has been created along with the collection of lecture handouts and kept in our department library for reference. Appropriate fund allocation may be provided by KSHEC for creating archives of lectures under Erudite Programme.