

## INDUSTRIAL VISIT

**B.E. Semester III, Chemical**

**Name of Industry: Institute for Plasma Research (IPR), Bhatt, Gandhinagar**

**Date: 7th February, 2019**

A visit was organized for second year students of Chemical Engineering at Institute for Plasma Research (IPR), Bhatt, Gandhinagar. IPR is an autonomous institute under the Department of Atomic Energy (DAE), Govt. of India. It is exclusively devoted to basic research in plasma sciences and development of technological applications. This institute is largely involved in theoretical and experimental studies in plasma science including basic plasma physics, magnetically confined hot plasmas and plasma technologies for industrial application. The major thrust is in magnetic confinement fusion and plasma assisted material processing. The institute owns two operational tokamaks (a machine for controlling thermonuclear fusion) - ADITYA and Steady State Tokamak (SST) - 1. Dr. K. K. Mohandas showed the various facilities in the campus alongwith the working of tokamaks. Prof. S. M. Dutta coordinated the visit. Prof. Ruperi Rupal and Prof. Vandana Gojiya accompanied the students for the visit.

