

G.PULLA REDDY COLLEGE OF PHARMACY

MEHDIPATNAM, HYDERABAD-28

GAS CHROMATOGRAPHY DEMO AT USP

USP-Hyderabad training institute conducted a demonstration of gas chromatography experiment for B.Pharm and M.Pharm students of GPRCP on 27th, 28th and 29th September 2018. Staff members P.Ravi Kumar and N.Raghavendra Babu Asst. Professors, department of Pharma Analysis accompanied the students. Dr. Srinivas Patnala and Mr. Dhiraj Gupta training staff of USP explained all the experimental details of GC (Agilent Technologies, 6890N) to the students. The demo went on, as an interactive session during which the students clarified their doubts about selection of carrier gas, columns and detectors; precautions to be taken; sample preparation; moisture trap and oxy trap maintenance, temperature program etc.. The demonstrators also explained about chem station software and its application to conduct the experiments. Students also observed the working of auto sampler (7683B Series) equipped to GC.