

**SHREE NARANJIBHAI LALBHAI PATEL COLLEGE OF  
PHARMACY, UMRAKH**

**Guest Lecture Report**

**Date: 16-01-2020**

**Topic: Eco-Friendly Application of (1) Hydrotropic Solubilization (2)  
Mixed Hydrotropic Solubilization (3) Mixed Solvency Concept**

**Guest Speaker: Dr. R. K. Maheshwari**

**Number of Participants: 45**

**Summary of Lecture:**

S.N.L.P. College of Pharmacy has organized expert talk session on Eco-Friendly Application of (1) Hydrotropic Solubilization (2) Mixed Hydrotropic Solubilization (3) Mixed Solvency Concept for B. Pharm and M. Pharm students on 16<sup>th</sup> January 2020. Mixed Hydrotropic solubilization technique is the phenomenon to increase the solubility of poorly water-soluble drugs, using blends of hydrotrops. This technique can provide additive or synergistic enhancement effect on solubility of poorly water-soluble drugs. Utilization of this method in the formulation of dosage forms made of water insoluble drugs can also reduce the concentration of individual hydrotropic agents, in order to minimize the side effects.

The teaching faculties of SNLPCP and 45 students of B. Pharm and M. Pharm students attended the session. Sir has also detailed the various examples for the same. This concept will be informative for the students and help to build a bright future in pharmaceutical research.



