

**National level webinar on:
“Applications of specialty excipients & texture analysis in topical and dermatological formulations”
Duration- 2nd to 4th Sep 2020**

The quality of medicines depends not only on the active principles and production processes, but also the performance of the excipients. The traditional concept of the excipient as any component other than the active substance has undergone a substantial evolution from an ‘inert’ and cheap vehicle to an essential constituent of the formulation. The rapid evolution of scientific, regulatory and economic factors, the introduction of delivery systems and the advance in biopharmaceutics have led to a new interest in the role and functionality of the excipients. More than one thousand raw materials are available from a multitude of sources and are used today in the pharmaceutical industry. Excipients are now chosen to perform a variety of functions to guarantee the stability and bioavailability of the drug substance from the drug product and its manufacturability on a production scale. Beyond the dosage form necessities, excipients are required to perform important and specific technological functions, particularly in the case of solid dosage forms. Excipient harmonisation, standardised functionality tests, preformulation data bases and expert systems will contribute to change the conventional trial-and-error formulation approach into a far more scientific and technological development.

One of the measures for the evaluation of dermatological & topical formulations is quantifying the textural properties like consistency, cohesiveness, index of viscosity, stickiness, and resilience. The measurements are performed using Texture Analyzer - a tensile meter equipped with special probes (in the form of acrylic cylinder and stainless steel sphere), which can penetrate the measured sample of a product recording the force, distance and time. The instrument simulates the action of a human finger touching the surface and probing the properties of an object. Students and faculty members got a deep insight and understanding about the uses and applications of texture analyzer.

Keeping these objectives in mind SCES’s Indira college of Pharmacy organized national level webinar during the covid times; so that maximum faculty and students could register and get opportunity to interact with industry experts.

Distinguished Speakers:-

Sr.No	Name of Speaker	Company name
1	Dr. Sameer Padhye	Deputy Manager, Arihant Innochem Pvt. Ltd
2	Mr. Shirish Sankpal	Assistant Manager, Technical, Arihant Innochem Pvt. Ltd.
3	Mr. Kedar Chikhalikar	Associate Technical Head, South Asia and Middle East, Lubrozol Life Sciences – Health
4	Ms. Ragini Sharma	Manager- Technical services, SDS, Coronation Worth India Pvt. Ltd., New Delhi
5	Mr. Deepesh Pal Singh	Assistant Manager, SDS, Coronation Worth India Pvt. Ltd., New Delhi



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