

**Date: 21/01/2019**

## **REPORT**

GUJCOST Sponsored National seminar on

### **“Novel Drug Delivery Systems in Healthcare Management: Status and Challenges”**

19<sup>th</sup> January 2019

A GUJCOST sponsored National seminar entitled “Novel Drug Delivery Systems in Healthcare Management: Status and Challenges” was organized by Babaria Institute of Pharmacy, BITS Edu Campus managed by Shree Krishna Educational Charitable Trust, Vadodara on 19<sup>th</sup> January 2019. Dr. Vandana B. Patel, Principal, Babaria Institute of Pharmacy, was the Convener and Dr. Naazneen Surti, Professor, Babaria Institute of Pharmacy, was Co-ordinator of the seminar. More than 90 delegates, from academia participated in the seminar.

The seminar was inaugurated by the chief guest Prof. A. N. Misra, Professor & UGC-BSR Fellow, Faculty of Pharmacy, The M. S. University of Baroda, Vadodara and Guest of Honor, Dr. Rajesh H. Parikh, Director School of Pharmacy, Gujarat Technological University, Ahmedabad. Inaugural function started with prayer and lamp lighting. Guests were welcomed by Tulsi saplings. Dr. Naazneen Surti delivered a welcome speech and gave overview of the seminar. She appreciated GUJCOST and Management, BITS Edu Campus for providing financial assistance and encouragement for conducting the seminar.

Chief Guest Prof. Misra, in his keynote speech, highlighted the need to develop professional attitude and consistency in work to become successful professional. Dr. Rajesh Parikh emphasized on need to increase industry academia collaboration for successful commercialization of novel drug delivery system (NDDS). Vote of thanks was proposed by Dr. Ashok Mahajan, Co-coordinator of the seminar. The inaugural function ended with National anthem.

First technical session was started by the expert talk of Prof A. N. Misra, on the topic ‘Role of new and novel drug delivery technologies for Generic, Scientific and Commercial Development’. He gave overview of Global and Regional market of NDDS and challenges for

generic companies. He discussed the contribution of Indian companies in development of NDDS and opined that the future market will be for genetic drugs and biologics.

Dr. R. H. Parikh delivered talk on 'Pulmonary drug delivery system'. He discussed the advantages of pulmonary drug delivery over conventional drug delivery systems. He also discussed the challenges associated with it and emphasized that aerosol drug delivery and intra tracheal drug delivery can be a promising means of delivering drugs through pulmonary route.

Post lunch session started by the talk of Dr. Yogesh Raichandani, Independent Professional from Vadodara and he gave talk on 'Novel Drug Delivery System- Academia to Industry'. He discussed challenges faced in scale up of NDDS and the case studies of various drugs commercialized as NDDS, elaborated by him, were very interesting.

The last lecture of the day was delivered by Dr. Hetal Thakkar, Faculty of Pharmacy, The M. S. University of Baroda, and Vadodara. She deliberated on 'Nanocarriers in enhancement of Transdermal Permeation of Drugs'. She discussed advantage of transdermal route for delivering drugs using carriers like microemulsions, nanoemulsions etc. and challenges associated with it.

Participants actively interacted with the resource persons and shared their views and cleared their doubts. They gave feedback about need of conducting more of such seminar on current topics demanded by industry.

Dr. Dimal Shah, Associate Professor and Co Coordinator of the seminar, summarized the events of the seminar and proposed vote of thanks.



**Lamp lighting by the Dignitaries**



Dignitaries with BIP team members



Prof. A.N. Misra felicitated by Dr. Vandana Patel



Welcome address by Dr. Naazneen Surti



Prof. Misra delivering his talk



Dr. R. H. Parikh addressing the audience



Dr. Yogesh felicitated by Dr. Dimal Shah

Dr. Naazneen Surti  
Co ordinator- Seminar

Dr. Vandana B.Patel  
Convener-Seminar &  
Principal, BIP