



## MALIBA PHARMACY COLLEGE

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This national conference sponsored by Indian Council of Medical Research (ICMR) entitled “NANOPARTICULATE DRUG DELIVERY SYSTEMS: FROM BENCH TO BEDSIDE” was attended by 200 participants from all over India. It was inaugurated on 9th March 2018 by lighting of the lamp in the hands of the Chief Guest, Prof. A N Misra, M.S. University, Vadodara. The conference was followed after welcome address and felicitation of the Chief Guest. The Chief Guest in his opening remark mentioned that the conference topic is very apt and relevant today. He complemented the management for the wonderful infrastructure and hospitality. Dr. Shailesh Shah, Principal, Maliba Pharmacy College welcomed all the participants on behalf of university and briefly gave an idea of knowledge dissemination and knowledge creation practices implemented at UTU. In key note address, Prof. A N Misra covered an array of activities and emerging opportunities in the field. He discussed that In last decade, nanoscience and nanotechnology-based approaches were more researched to bypass the patent protection of innovator's product and spending huge amounts of money in R&D sector to develop new patented products.

The second lecture for the day was delivered by Dr. Pratap Bahadur, Professor, VNSGU on polymers employed in nanoformulation. He discussed that most drugs, particularly those with anticancer activity, were hydrophobic and thus poorly soluble in water lead to low bioavailability and hence nanoformulation could help in it.

The third lecture for the day was delivered by Dr. Anilkumar Gandhi, on “Nanoparticles- The commercial success so far. The focus of the talk was on commercial aspects of nanoparticles and the same was elaborated through case studies and examples of small companies developing nanomedicines.

In the post lunch session, demonstrations of two instruments were organized for participants. The first demonstration was on texture analyzer by Brookfield followed by particle size analyzer by Malvern.

On the 10<sup>th</sup> march 2018, day 2 of conference begun with poster presentation by participants. The response to this session was excellent as 60 posters were presented by the young and budding scientist of India.

Plenary session on day two was initiated by Dr. Vandana Patravale on the topic “Bioinspired nanostructures: Exploring Translational Potential”. She discussed about converting the magic bullet dream of Paul Ehrlich into reality so as to achieve target specific and organ/disease specific delivery, bio inspired nanostructures would play a crucial role.

Second plenary lecture was delivered by Prof. Krutika Sawant on “Nanoformulation Technique: Small to large scale”.

The final post lunch session on day lecture was delivered by Dr. Tejal Mehta on “Nanocrystal based novel formulations for the management of fungal infections”. She emphasized on nanocrystals as they are having highest drug loading as compared to other nano based formulations and require low quantity of surfactants for their stabilization, thus, safer for topical use.

The speakers/ resource persons were honoured with a memento and certificate from hands of Principal Dr. Shailesh A. Shah. All the participants were given participation certificates by guests of valedictory ceremony. The live feedback was taken from participants along with a written feedback for this workshop during valedictory ceremony. Chief Guest for valedictory function was Dr. Vandana Patravale. Dr. Pranav Shah was the organizing secretary for this flourishing conference and presented a vote of thanks.



