



Report on a Skill based Three Days Workshop on Development of Nanocarrier Systems for Drug Delivery

Conducted by Department of Pharmacy

Date of Event : March 28-30, 2022

Venue : E-Classroom/PG Lab, Department of Pharmacy

DEPARTMENT OF PHARMACY
GURU GHASIDAS VISHWAVIDYALAYA
(A CENTRAL UNIVERSITY)
BILASPUR, CHHATTISGARH

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Azadi Ka
Amrit Mahotsav

NATIONAL WORKSHOP
ON
DEVELOPMENT OF NANOCARRIER
SYSTEMS FOR DRUG DELIVERY

March 28 - 30, 2022

Solid lipid nanoparticle Liposome 50 - 450 nm Dendrimer 15 - 200 nm Niosome 10 nm - 5 µm Nanosuspension < 1 µm Nanoemulsion 10 - 1000 nm Polymer nanoparticle

Keynote speaker

Dr. Sanjay Tiwari
NIPER-Raebareli
Bijnor-Sisendi Road,
Sarojini Nagar, Lucknow
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Dr. Amit Alexander
National Institute of
Pharmaceutical Education
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Details of Event Proceedings

Date (DD-MM-YYYY)	Details of the Session	Details of Resource Person	Number of Participants
28-03-2022	lecture on Lipid nanocarriers for	Dr. Gautam Singhvi, Department of	30



	topical drug delivery: basics and practical aspects	Pharmacy, Birla Institute of Technology and Science (BITS), Pilani, Rajasthan	
29-03-2022	lecture on "Fate of Nanomedicines towards effective Brain Targeting"	Dr. Amit Alexander, National Institute of Pharmaceutical Education and Research (NIPER-GUWAHATI)	30
30-03-2022	lecture on "Colloidal stability of graphene oxide nanosheets"	Dr. Sanjay Tiwari, NIPER-Raebareli,(UP)	30

A Brief Abstract of the Event (Maximum 500 Words):

Three days national workshop on topic "DEVELOPMENT OF NANOCARRIER SYSTEMS FOR DRUG DELIVERY" from 28 to 30 March 2022 was conducted. Total 30 participants of postgraduates and research scholar from life sciences were registered for the workshop from national level. On first day Honorable Vice chancellor, GGV, Prof. Alok K. Chakrawal inaugurated the program. After inauguration of the workshop, distinguished speaker Dr. Gautam Singhvi, Department of Pharmacy, Birla Institute of Technology and Science (BITS), Pilani, Rajasthan, India delivered a lecture on **Lipid nanocarriers for topical drug delivery: basics and practical aspects**. Dr. Amit Alexander, National Institute of Pharmaceutical Education and Research (NIPER-GUWAHATI), delivered a lecture on "**Fate of Nanomedicines towards effective Brain Targeting**" in second day of workshop. On third day Dr. Sanjay Tiwari, NIPER-Raebareli,(UP) delivered a lecture on "**Colloidal stability of graphene oxide nanosheets**". Dr. K. Kesavan, co-coordinator of workshop provided hands-on training on development of different nanoformulation participants in lab session. Certificates were distributed to all participants. Participant's feedbacks were collected. Participants were expressed thankfulness to organizer for this workshop and eagerly waiting for similar workshop in future as well. Dr. Bharti Ahirwar, Head and convener of this workshop welcomed the guests. Finally Dr. Alpana Ram, Co-Convener of this workshop proposed Vote of thanks.



Image 1: Coordinator (Dr. K. Kesavan) Providing hands-on training to the registered participants

K. Kesavan

Signature of Programme Coordinator

Dr. K. Kesavan
Asst. Prof.
Department of Pharmacy