



Jagadguru Sri Shivarathreeswara University, Mysuru

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and 45<sup>th</sup> by National Institutional Ranking Framework (NIRF), MHRD, Govt. of India

**2-DAY NATIONAL SEMINAR ON**

**LIPID DRUG CONJUGATES IN DRUG DELIVERY**

**14<sup>th</sup> & 15<sup>th</sup> July, 2017**

**Department of Pharmacology**

**JSS COLLEGE OF PHARMACY, Ootacamund, Tamil Nadu**

**(An ISO 9001:2015 Certified Institution)**

**(Ranked 17<sup>th</sup> by NIRF-MHRD, Govt. of India)**

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### **Report on 2 Day National Seminar**

Two-day national seminar entitled “**2-DAY NATIONAL SEMINAR ON LIPID DRUG CONJUGATES IN DRUG DELIVERY**”, was organized by Department of Pharmacology, during 14-15<sup>th</sup> July, 2017, sponsored by Department of Biotechnology, New Delhi, Indian Council of Medical Research and JSS University, Mysuru.

A total of 90 delegates from various parts of India participated had participated in the 2 Day National seminar. The ten eminent speakers from Bharathiar University Coimbatore, NIPER-

Hyderabad, BITS-Pilani Hyderabad campus, ICT, Hyderabad and Manipal University, Manipal have delivered their talks on various aspects of lipid-drug conjugates and drug deliveries. The 2-Day National seminar was divided into 10 lecture sessions and a poster session (e-posters).

The seminar was inaugural function was held as per schedule on 14<sup>th</sup> July 2017, 9.30 am in the presence **Dr. D. Mangalaraj, UGC-BSR Faculty fellow**, Department of Nanoscience & Technology, Bharathiar University, Coimbatore and the august presence of all the speakers and delegates. The organizing secretary **Dr. T.K. Praveen** welcomed the gathering and briefed on the importance of the seminar. The seminar was inaugurated by a prayer song and traditional way of lightning the lamp.

**Dr. K. Elango**, Convener, highlighted the genesis of the seminar and **Dr. Md. Afzal Azam**, Vice principal, JSS College of Pharmacy, Ooty presided the function.

The CD of 2-Day National seminar was released during the Inauguration program and it was provided to the speakers and the delegates.

**Dr. D. Mangalaraj UGC-BSR Faculty fellow**, Department of Nanoscience & Technology, Bharathiar University, Coimbatore, emphasized on the importance of nanotechnology in improving the patient care, and also the role of lipid drug conjugates in drug delivery.

The lecture sessions are as follows:

**1. Lipid-drug-conjugate (LDC) nanoparticles for Enhanced Drug Delivery**

**Dr. D. Mangalaraj**, UGC-BSR Faculty fellow, Department of Nanoscience & Technology, Bharathiar University, Coimbatore.

**2. Polymer–drug conjugates: Origins, progress and future perspectives**

**Dr. MJN Chandrashekar** Professor, Dept. of Pharmaceutical Chemistry, JSS college of Pharmacy, Ooty, Tamil Nadu.

**3. Harnessing Nanoliposomes in Cancer Therapies**

**Dr. Shifalika Tangutoori** Senior postdoctoral fellow, Harvard Medical school, MGH, Visiting Scientist, Dana Farber, Cancer Institute Boston, USA.

**4. Lipid-conjugated nano-micellar system for the delivery of curcumin in cancer.**

**Dr. Swati Biswas**, Ph.D, Assistant Professor, Birla Institute of technology and Science-Pilani, Hyderabad Campus, Hyderabad, India.

**5. “Meet Minitab 18” Mr. Bimal K Kesh**, Sr. Statistician & Training Manager QSutraTM Bengaluru, Karnataka.

**6. Nanostructured Lipid Carriers (NLC): The Second Generation of Solid Lipid Nanoparticles**

**Dr. Karri.V.V.S. Narayana Reddy**, Lecturer, Department of Pharmaceutics, JSS College of Pharmacy, Ootacamund, Tamil Nadu, India

**7. Cationic lipid conjugates of nuclear hormones and vitamins: A new concept in anticancer therapy.**

**Dr. Rajkumar Banerjee** Principle scientist- Biomaterials Division, Indian Institute of Chemical technology (CSIR-IICT), Ministry of Science & Technology, Government of India Tarnaka, Hyderabad, Telangana, INDIA

**8. Lipidic Nanocarriers for Drug Delivery & Targeting.**

**Dr. Srinivas Mutalik** Professor Department of Pharmaceutics, Manipal College of Pharmaceutical Sciences, Karnataka India.

**9. Smuggling drugs into the brain**

**Dr. Wahid Khan**, Assistant Professor, Department of Pharmaceutics, National Institute of Pharmaceutical Education and Research, (NIPER), Hyderabad, INDIA.

**10. Lipid–Drug Conjugates (LDCs): Formulation Challenges**

**Dr. K. Gowthamarajan** Professor & Head, Department of Pharmaceutics, JSS College of Pharmacy, Ootacamund, Tamil Nadu, India

A e-poster session was conducted for selected 20 participants out of 45 Abstracts received, and the posters were evaluated by a panel of 4 judges, and the best three posters were selected.

The seminar concluded with a note that lipid drug conjugates based drug delivery is the future for improving therapeutic efficacy and patient compliance.

A valedictory function on 15<sup>th</sup> July 2017 between 3.00 to 4.00 pm was organized. **Dr. Praveen T.K.**, Organizing secretary, gave a brief report on the conference, followed by oral feedback from the participants was taken. The certificated were distributed to all the participants and the conference was ended with vote of thanks by **Dr. Ashish D Wadhvani**, Convenor.

**I express my sincere gratitude to Department of Biotechnology, New Delhi, Indian Council of Medical research, New Delhi and Jagadguru Sri Shivarathreeshwara University, Mysuru, for the financial support for conducting this National seminar.**

**Signature of Organizing Secretary**

**(with rubber stamp)**

**Signature of Head of the Organization/Institute**

**(with rubber stamp)**

**Inaugural Function**



**Lighting of the lamp**



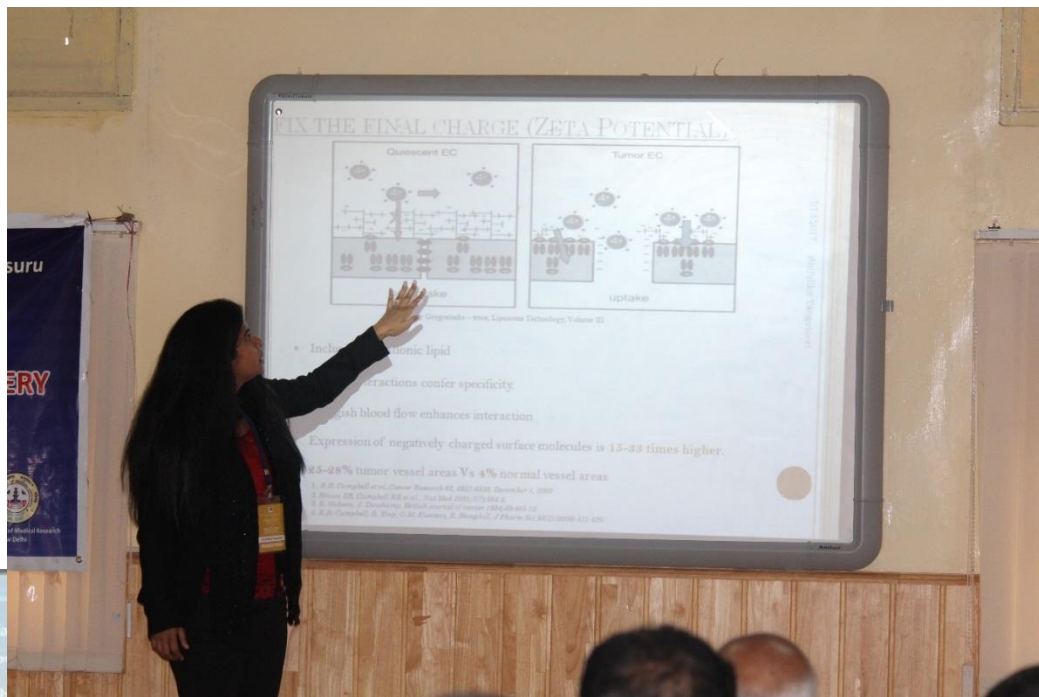
**Inauguration of conference CD**



**The Participants**







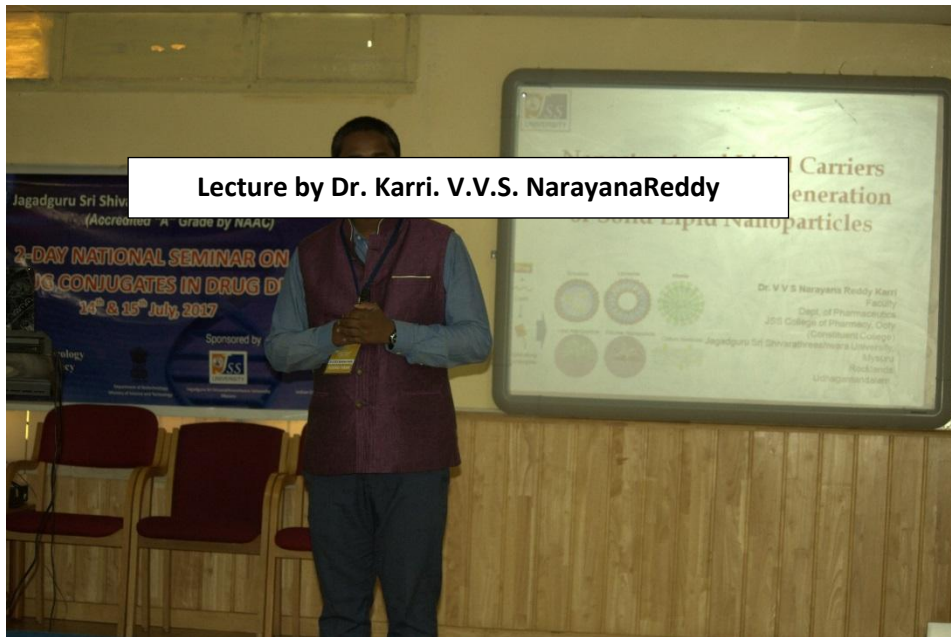
Lecture by Dr. D. MangalaRaj (Chief Guest)



Lecture by Dr. Swati Biswas



Lecture by Dr. Rajkumar Banerjee

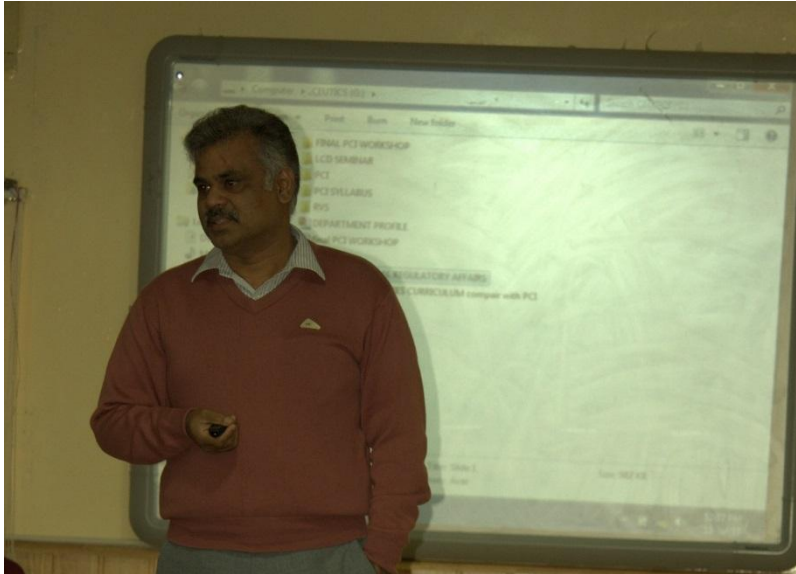


Lecture by Dr. Karri. V.V.S. NarayanaReddy





Lecture by Dr. Srinivas Mutalik



Lecture by Dr. Wahid Khan





**Resource Persons & Participants- Group Photo**

