



Multidisciplinary Centre for Advanced Research and Studies (MCARS)

JAMIA MILLIA ISLAMIA

Jamia Nagar, New Delhi – 110 025

Cordially invites you to attend Lecture on

“Nanoengineering Approaches for Infectious Disease Management”

By Dr. Shalini Gupta

Assistant Professor (IIT, Delhi)



Dr. Shalini Gupta is an Associate Professor of Chemical Engineering at the Indian Institute of Technology Delhi. She heads the Nanoengineered Materials and Biosensing lab that specializes in developing novel biosystems for rapid and affordable point-of-care medical diagnosis, targeted drug delivery and therapy, and nanoscale engineering approaches for colloidal manipulation and interactions in external fields. The overarching goal of Dr. Gupta's interdisciplinary laboratory is to harness the basic knowledge and tools offered by cellular and molecular biology, microfabrication technology, materials chemistry and interfacial science in order to develop techniques for ultrasensitive detection of disease biomarkers and synthesis of novel biomaterials and colloidal architectures on a chip. In the last eight years, the lab has produced several technologies, including *SeptifloTM* and *Dualosomes*, published > 20 papers in journals of international repute, filed several patents and attracted multiple student awards and media publicity.

26th April, 2019 Thursday @ 03:00 pm Venue: Conference Hall MCARS, JMI

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