



**DR. JAGRITI NARANG**

**Specialization** : Nano-enabled Interfaces for Diagnostic Applications

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**Dr. Jagriti Narang** is Assistant Professor at **Department of Biotechnology**, Jamia Hamdard, New Delhi and has work experience of more than 8 years. She has authored or coauthored many research papers in international peer-reviewed journals. She holds patents on biosensors and uses of nanotechnology in molecular techniques. She has edited 3 books and written several chapters. She was awarded a silver medal for extraordinary contribution during her PhD. She has also been project investigator and co-project investigator in two projects by the Department of Science and Technology (DST), Government of India. She is committee member of many international conferences and is member of Material Research Society of India and Society of Biological Chemistry. She is also editor and peer reviewer of many international journals and has presented her papers on several international platforms.

Main focused research area is development of nano-enabled interfaces/ nano-biosensors for the detection of various diseases such as dengue, Chikungunya, cancer, pathogenic viruses etc. and clinical metabolites. Paper based platforms are exploited for the multiplexed detection of various metabolites. As a team extensive work was done on the fabrication of various biosensors for the diagnostic applications. She has proposed some laboratory models that can be converted into commercial monitoring devices.